# MIFAB®

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CERTIFIED MANAGEMENT SYSTEM - ISO 9001:2015

*"The cut-to-fit riser system on MIFAB's HDPE interceptors makes my customers installations quick, easy, and cost-effective"*

– Bryan Steede, Engineering Specialist, Carolina Sales Associates, Charlotte, NC

## INT-2019

Go to www.MIFAB.com for the most current product specification sheets.

**MINI MAX® Wet Waste Interceptor**

**At Source Solution**

**Lil Max®**

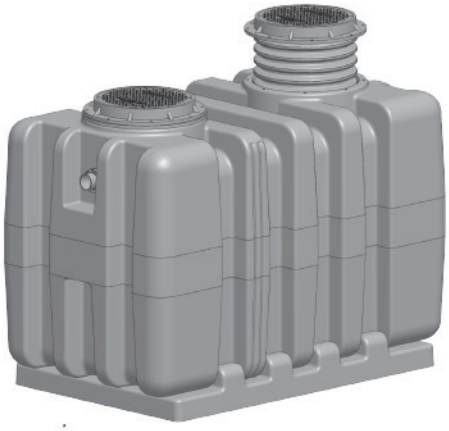
**From 7 to 50 GPM**

**BIG MAX®**

**75 GPM & 100 GPM**

**SUPERMAX®**

**500, 750, 1000, 1250, 1300, 2,000**
**(Liquid holding capacity - gallons)**



- GREASE
- OIL
- SOLIDS
- PLASTER
- LINT
- FISH SCALE
- RICE
- SAND
- ACID NEUTRALIZATION TANKS

Made in the U.S.A.

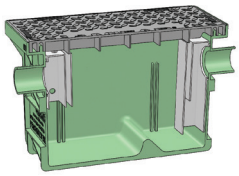
# H.D.P.E. Interceptors and Acid Neutralization Tanks

## LIT-095

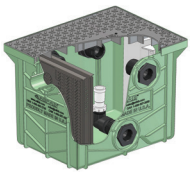
**MIFAB®, Inc.** 1321 West 119th Street, Chicago, Illinois 60643-5109, USA • Toll Free 1-800-465-2736, Fax 1-773-341-3049
**www.MIFAB.com • sales@MIFAB.com • Canada Toll Free: 1-800-387-3880**

# PICTORIAL INDEX

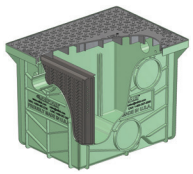
"Working with MIFAB is a pleasure."
– Dan Thomas of Ben Thomas and Associates, Shade Gap, PA



**LiL - 7 GPM – 50 GPM**
Grease Interceptor (Page 28)



**LiL-O - 10 GPM – 50 GPM**
Oil Interceptor (Page 29)



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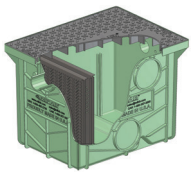

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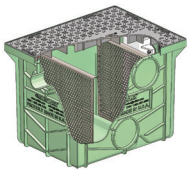

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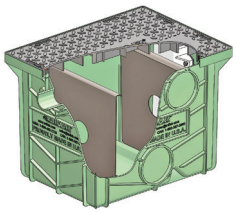

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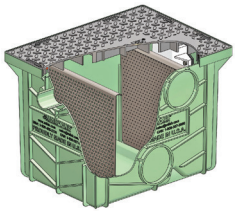

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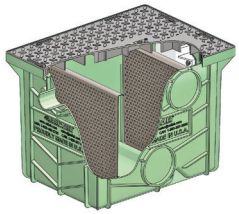

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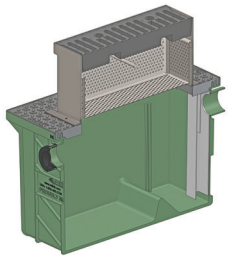

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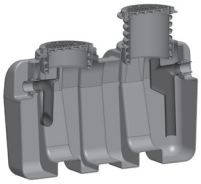

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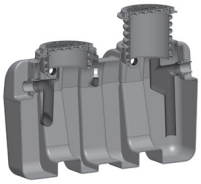

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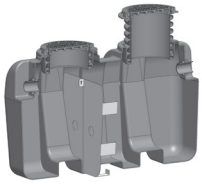

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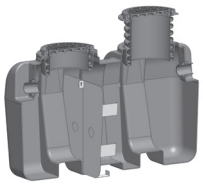

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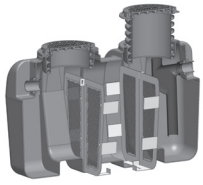

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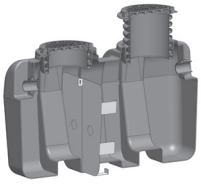

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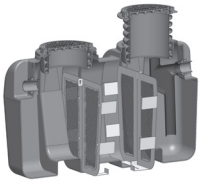

**BIG-F - 140 and 300 Gallons**
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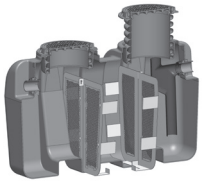

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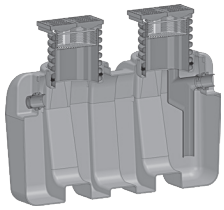

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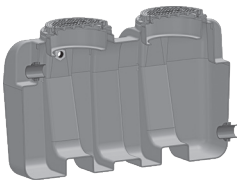

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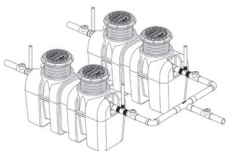

**Combinations** - For Big Max
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CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



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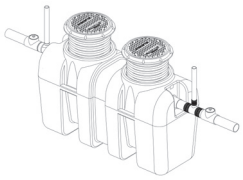
# PICTORIAL INDEX

*"No kidding? I was always under the impression that siphonic typically required more ponding than roof drains would usually incur. That is really good to know!"*

– Kyle M. Jones, EIT. Mechanical Engineer, SOLUTIONS AEC, St. Louis, Missouri



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**Canplas - Big Max**
**Schier - Big Max**
**Green Turtle - SuperMax**

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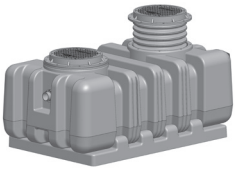
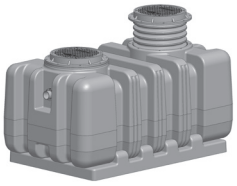
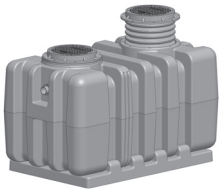


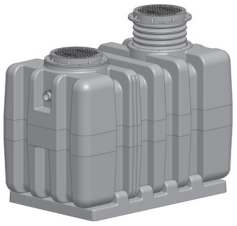
**SUPER-500** - 500 Gallons Gravity Grease Interceptor (Page 64)



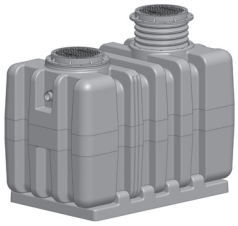
**SUPER-750** - 750 Gallons Gravity Grease Interceptor (Page 65)



**SUPER-1000** - 1,000 Gallons Gravity Grease Interceptor (Page 66)



**SUPER-1250** - 1,250 Gallons Gravity Grease Interceptor (Page 67)



**SUPER-1300** - 1,300 Gallons Gravity Grease Interceptor (Page 68)

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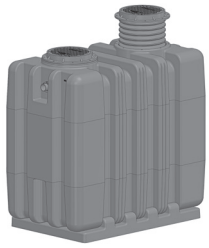
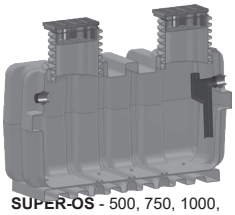
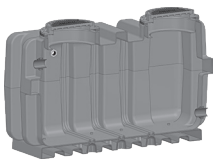


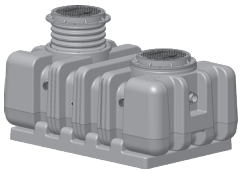
**SUPER-2000** - 2,000 Gallons Gravity Grease Interceptor (Page 70)



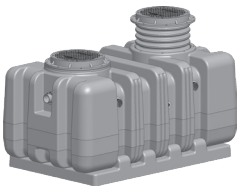
**SUPER-OS** - 500, 750, 1000, 1300, 1500 and 2,000 Gallons Oil / Sediment Interceptor (Page 71)



**SUPER-DECON** - 500, 750, 1000, 1300, 1500 + 2,000 Gallons Decontamination Tank (Page 72)



**SUPER-500-O** - 500 Gallons Oil Interceptor (Page 73)



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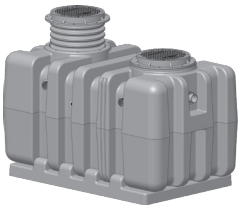
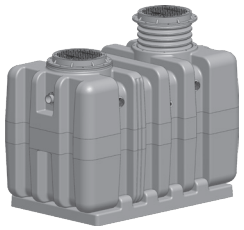
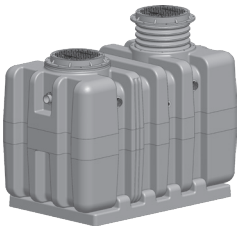


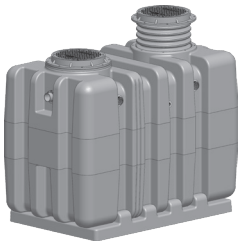
**SUPER-1000-O** - 1,000 Gallons Oil Interceptor (Page 75)



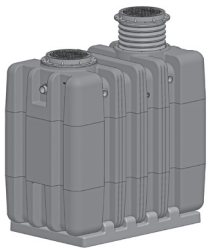
**SUPER-1250-O** - 1,250 Gallons Oil Interceptor (Page 76)



**SUPER-1300-O** - 1,300 Gallons Oil Interceptor (Page 77)



**SUPER-1500-O** - 1,500 Gallons Oil Interceptor (Page 78)



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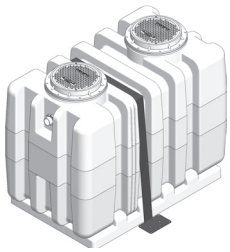

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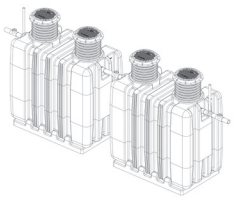

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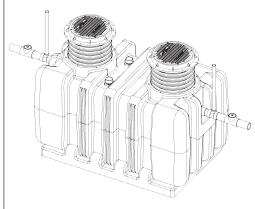

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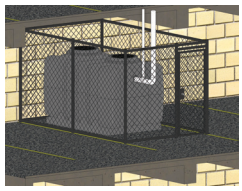

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**Limited Lifetime Warranty**

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CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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Lil Max®

"Thanks to your catalogue, we find it easy to navigate the pages and place an order. The detailed information shown there helps us to match the size of the unit for replacement of existing grease traps. The plastic grease trap distribution program is very user friendly and has helped to increase our sales dramatically."

-Bill Cornwell, Manager, Bucks Wholesale Supply, Tampa, FL


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## THE NEED FOR GREASE INTERCEPTORS

In 1973, the Environmental Protection Agency (EPA) established regulations to limit what commercial buildings can discharge into the sewer and by extension into the local water treatment plant. These regulations gave the EPA the power to fine municipalities for Sanitary Sewer Overflows (SSOs). Despite this, pretreatment managers continued to have problems with sanitary sewer overflows even though plumbing codes required the installation of grease interceptors in restaurants to protect the sewers. Because of this, pretreatment and sewer authorities developed local requirements for grease interceptors which led to a dramatic increase in their size. It is typical for a local authority to require the installation of a 1,000 gallon liquid holding capacity grease interceptor regardless of the restaurant type and size. The "bigger is better" thinking began. However, this has led to new issues including access to the grease interceptor for cleaning, cost of pumping out the grease interceptor and accumulation of H2S gases from extended pump out frequencies. Other issues are corrosion resistance, cost, required space to locate the grease interceptor, etc... Unfortunately, two people died after inhaling noxious H2S gases from a large grease interceptor at the Orleans Hotel & Casino in Las Vegas in 2008: http://articles.latimes.com/2008/jul/28/nation/na-vegas28

## HYDROMECHANICAL VS. GRAVITY GREASE INTERCEPTOR

**Hydromechanical Grease Interceptor (HGI)** – an HGI is designed to use modulated flow, air entrapment, and internal features to provide an enhanced level of separation efficiency, removing non petroleum FOG (Fats, Oil and Grease) from waste water flowing out of commercial food service establishments (restaurants, cafeterias, institutional kitchens, sandwich shops and cafes.) HGIs are performance tested for efficiency of grease separation based on National Standards. The three main performance standards for HGI are: 1) PDI G-101, ASME A112.14.3 and CSA B481. The sizing method for HGI is based on the flow rate expressed in GPM (Gallons Per Minute). The flow rate is calculated to determine the highest possible peak flow coming from the drainage fixtures and equipment in the food preparation area. MIFAB®'s Lil Max®, Big Max® and SuperMax® model # SUPER-500 grease interceptors are tested and certified as hydromechanical grease interceptors to the PDI G-101, ASME A112.14.3 and CSA B481 Standards and listed with IAPMO. The PDI G-101 requires the use of an external, vented flow control fitting between the inlet of the interceptor and the fixtures draining into it. The ASME A112.14.3 Standard Sections A and B require the use of an external vented flow control fitting. ASME A112-14.3 Sections C and D do not require the use of an external vented flow control fitting. An internal stainless steel orifice plate (flow control) is sufficient.

**Gravity Grease Interceptor (GGI)** – a GGI is designed to have a minimum of 350 US gallons of liquid holding capacity. Many jurisdictions, especially those following the Uniform Plumbing Code (U.P.C.), will not allow a GGI smaller than 500 US gallons of liquid holding capacity. MIFAB offers GGI up to 1,500 US gallons of liquid holding capacity. They do not require the use of a flow control fitting or internal flow control. The separation of FOG is based on the capacity and retention time within the interceptor. They are tested and certified to a Design Standard. The flow rate is calculated to determine the highest possible peak flow coming from the drainage fixtures and equipment in the food preparation area and multiplied by a retention time (typically 30 minutes determined by the Plumbing Code) to achieve the liquid holding capacity (in gallons) required for the grease interceptor. MIFAB®'s SuperMax® gravity grease interceptors are tested and certified to the IAPMO Z1001-2016 Design Standard and listed with IAPMO. Many local municipalities require that GGI be pumped out once the combined volume of retained FOG and food solids accumulates to 25% of the liquid volume of the interceptor. This is known as the "25% Rule."

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

## ADVANTAGES OF PLASTIC (H.D.P.E.) VS. STEEL AND CONCRETE INTERCEPTORS

A 2008 Water Environment Research Foundation (WERF) report determined that the waste water in a grease interceptor is so acidic that it meets EPA requirements for neutralization (pH<5). Acidic waste is very corrosive to steel and concrete interceptors. This results in 5 years as the typical life expectancy of a steel grease interceptor. In addition to the actual cost of a replacement grease interceptor, the owner has to contend with disruption to their facility and the labor and cost to tear out and dispose of the rusted steel grease interceptor. Specifying and installing a MIFAB® H.D.P.E. grease interceptor with our limited Lifetime Warranty from the beginning is by far the most economical choice.

**Rusted steel grease interceptor**

The Portland Cement Association has stated that fats, fatty acids, vegetable oils, salts, sugars, acids, bleach and even water will disintegrate concrete even with proper protective coatings. Over time, concrete interceptors will crack and deteriorate, leaching contaminated waste water into the ground. Therefore, 10 years is the typical life expectancy of a concrete grease interceptor. In addition to the actual cost of a replacement grease interceptor, the owner has to contend with disruption to their facility and the labor and cost to tear out and disposal of the corroded concrete grease interceptor. Specifying and installing a MIFAB® H.D.P.E. grease interceptor with our limited Lifetime Warranty from the beginning is by far the most economical choice.

**Corroded concrete grease interceptor**

*"We receive very little negative feedback coming in for MIFAB."*

– Dan Thomas, Ben Thomas and Associates, Shade Gap, PA

## ADVANTAGES OF PLASTIC (H.D.P.E.) VS. FIBERGLASS INTERCEPTORS

MIFAB®'s Lil Max®, Big Max® and SuperMax® H.D.P.E. (high density polyethylene) interceptors are molded to a 3/8" uniform wall thickness that will not crack, chip or bulge under extreme impact, sunlight and / or temperature changes. H.D.P.E. is a much better material for interceptors than fiberglass because H.D.P.E. has resistance to a greater number of chemicals than fiberglass. Fiberglass is also hard and stiff and is subject to cracking. Additionally, it is known that a low pH level (below 5) within a fiberglass grease interceptor will exacerbate its brittleness. Typically, the pH level within a gravity grease interceptor will drop below 5 within a week of its operation - as stated by the 2008 WERF report. A rotationally molded H.D.P.E. interceptor is simply tougher and has much greater impact resistance vs. fiberglass. Fiberglass interceptors also have a negative environmental impact because they are made with VOCs – (Volatile Organic Compounds). Facilities that produce fiberglass interceptors have a negative impact on the environment because of the amount of VOCs they put into in the air. Rotationally molded H.D.P.E. interceptors have NO environmental impact.

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## GREASE INTERCEPTOR SIZING

The 2015 International Plumbing Code (IPC) states that hydromechanical grease interceptors (HGI) shall be tested and sized in accordance with PDI G-101, CSA B481, ASME A112-14.3 or ASME A112-14.4. These are all performance Standards. Exterior (gravity) grease interceptors (GGI) greater than 500 gallons of liquid holding capacity are not tested and certified to the PDI G-101, ASME A112-14.3 or ASME A112-14.4 performance Standards. The IPC also states that food waste grinders must connect to a solids interceptor before connecting for a grease interceptor. Solids interceptors should be sized and rated to accommodate the discharge from the food grinder and emulsifiers. Chemicals and enzymes shall not discharge into the grease interceptor. Garbage disposals are required to drainto the grease interceptor.

## HYDROMECHANICAL GREASE INTERCEPTOR (HGI) SIZING GUIDELINES TO THE PDI G-101, CSA B481, ASME A112-14.3 OR ASME A112-14.4 PERFORMANCE STANDARDS:

### Flow Rate Sizing Method:

Reliable performance of any grease interceptor is dependent on being correctly sized to handle the drainage load from the fixtures it serves. Each MIFAB® interceptor is flow and capacity rated for easy selection when sizing requirements have been established and met. Sizing is based on factors like volume of waste water and fxture type. These factors combine to establish the expected flow rate and the size of the interceptor required. The external flow control ftting is installed in the fixture drain line ahead of the interceptor and maintains the flow of drainage at the interceptor's rated flow. The following sizing formula is based on the PDI G-101 (Plumbing and Drainage Institute) requirements:

1. Calculate the volume in cubic inches of all the fixtures to be served by the Grease Interceptor. (length x width x depth)
2. 2. *Ex.: 15" x 10" x 24" = 3600 cubic inches. Since a three compartment sink is serving the grease interceptor, multiply the single compartment cubic inch capacity by three to obtain the total capacity in cubic inches. 3600 cu in x 3 (sinks) = 10,800 cu in. Divide this number by 231 to convert the volume to US gallons. 10,800 cu in / 231 = 46.75 gallons. The fill rate is then multiplied by 75% = 35.06 U.S.G. Use MIFAB® model number Lil-35 which has a rated flow capacity of 35 G.P.M.
3. These calculations are based on a one minute drain down time with the interceptor within close proximity (within 25 feet) of the fixture(s). If a two minute drain down time is applied, then divide the GPM by two; ex. 35 G.P.M / 2 = 17.5 G.P.M. Use MIFAB® model number Lil-20 which has a rated flow capacity of 20 G.P.M.The flow control fitting supplied with the interceptor must be installed. If this is not in place, the interceptor will not function to PDI standards.
4. If an interceptor is to be installed with the top level at the finished floor, an extension type may be required. In that instance, the "C" dimension is required, (center line of inlet/outlet to top of the finished floor) and must be specified at time of ordering.

### Fixture Unit Sizing Method

The majority of plumbing codes list the drainage fixture-unit values for plumbing fixtures or fixtures not listed. Note that DFU sizing is an averaging technique and does not result in peak flow results. The Codes provide drainage fixture-unit values based on drain outlet or trap size. Drainage fixture-unit values are converted to GPM discharge rates on the basis of one drainage fixture-unit equaling = 7.5 GPM fixture discharge rate. The drainage fixture-unit sizing for grease interceptors is included for those that prefer this approach as an alternative to the conventional (volume) sizing. The following table provides the suggested PDI sized grease interceptor based on drainage fixture unit sizing method.

| Fixture Outlet or Size (inches) | Drainage Trap Fixture Unit Value | GPM Discharge Equivalent | Suggested GPM Flow Rate | MIFAB Model # |
|---|---|---|---|---|
| 1 1/4" | 1 | 7.5 | 10 | **Lil-10** |
| 1 1/2" | 2 | 15 | 15 | **Lil-15** |
| 2" | 3 | 22 | 25 | **Lil-25** |
| 2 1/2" | 4 | 30 | 35 | **Lil-35** |
| 3" | 5 | 37.5 | 50 | **Lil-50** |
| 4" | 6 | 45 | 55 | **Lil-50** |

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## GRAVITY GREASE INTERCEPTOR (GGI) SIZING GUIDELINES TO THE IAPMO Z1001 DESIGN STANDARD:

The flow rate of the GGI is calculated to figure the possible highest flow produced by the drainage fixtures and equipment in the food prep area and then multiplied by retention time (usually determined by the local municipality) to produce the liquid volume (in gallons of water) needed for the grease interceptor. Gravity grease interceptors are typically required by IAPMO to have a 30 minute retention time, baffle(s), not less than two compartments, a total volume of not less than 300 gallons of liquid holding capacity and gravity separation.

IAPMO requires that the volume of the gravity grease interceptor shall be determined by using Table 1014.3.6. Where drainage fixture units (DFUs) are not known, the interceptor shall be sized based on the maximum DFUs allowed for the pipe size connected to the inlet of the interceptor. (Refer to Table 703.2 for DFU guide).

Table 1014.3.6

| Gravity Grease Interceptor Sizing | |
|---|---|
| **Drainage Fixture Units** | **Interceptor Volume** |
| (DFUs) | (U.S. gallons of liquid holding capacity) |
| 8 | 500 |
| 21 | 750 |
| 35 | 1000 |
| 90 | 1250 |
| 172 | 1500 |
| 216 | 2000 |
| 307 | 2500 |
| 342 | 3000 |
| 428 | 4000 |
| 576 | 5000 |
| 720 | 7500 |
| 2112 | 10,000 |
| 2640 | 15,000 |

## GRAVITY GREASE INTERCEPTOR (GGI) SIZING EXAMPLE:

*"My favorite thing about MIFAB is the great people. They are wonderful starting with the owner, the Sales Managers and right on down the line."*

– Dan Thomas of Ben Thomas and Associates, Shade Gap, PA

A restaurant has the following fixtures and equipment: one food preparation sink, three floor drains – one in the food preparation area, one in the grill area and one receiving the indirect waste from the ice machine and a mop sink.

**Kitchen Drain Line DFU Count (from Table 702.1):**

| | | |
|---|---|---|
| 3 floor drains at 2 DFUs each | = | 6 DFUs |
| Mop sink at 3 DFUs each | = | 3 DFUs |
| Food prep sink at 3 DFUs each | = | 3 DFUs |
| Total | = | 12 DFUs |

Therefore, using Table 1014.3.6, the grease interceptor will be sized at 750 gallons (MIFAB® SuperMax® Model # SUPER-750).

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## Drainage Fixture Unit Values (DFU)

| PLUMBING APPLIANCES, APPURTENANCES, OR FIXTURES | MINIMUM SIZE TRAP & TRAP ARM[7] (inches) | PRIVATE | PUBLIC | ASSEMBLY[8] |
|---|---|---|---|---|
| Bathtub or Combination Bath/Shower | 1½ | 2.0 | 2.0 | - |
| Bidet | 1¼ | 1.0 | - | - |
| Bidet | 1½ | 2.0 | - | - |
| Clothes Washer domestic standpipe[5] | 2 | 3.0 | 3.0 | 3.0 |
| Dental Unit, cuspidor | 1¼ | - | 1.0 | 1.0 |
| Dishwasher domestic, with independent drain[2] | 1½ | 2.0 | 2.0 | 2.0 |
| Drinking Fountain or Water Cooler | 1¼ | 0.5 | 0.5 | 1.0 |
| Food Waste Grinder commercial | 2 | - | 3.0 | 3.0 |
| Floor Drain emergency | 2 | - | 0.0 | 0.0 |
| Floor Drain (for additional sizes see Section 702.0) | 2 | 2.0 | 2.0 | 2.0 |
| Shower single-head trap | 2 | 2.0 | 2.0 | 2.0 |
| Multi-head each additional | 2 | 1.0 | 1.0 | 1.0 |
| Lavatory, single | 1¼ | 1.0 | 1.0 | 1.0 |
| Lavatory, in sets of two or three | 1½ | 2.0 | 2.0 | 2.0 |
| Wash fountain | 1½ | - | 2.0 | 2.0 |
| Wash fountain | 2 | - | 3.0 | 3.0 |
| Mobile Home trap[9] | 3 | 12.0 | - | - |
| Receptor indirect waste[1, 3] | 1½ | See footnote[1, 3] | | |
| Receptor indirect waste[1, 4] | 2 | See footnote[1, 4] | | |
| Receptor indirect waste[1] | 3 | See footnote[1] | | |
| Sinks | - | - | - | - |
| Bar | 1½ | 1.0 | - | - |
| Bar[2] | 1½ | - | 2.0 | 2.0 |
| Clinical | 3 | - | 6.0 | 6.0 |
| Commercial with food waste[2] | 1½ | - | 3.0 | 3.0 |
| Special Purpose[2] | 1½ | 2.0 | 3.0 | 3.0 |
| Special Purpose | 2 | 3.0 | 4.0 | 4.0 |
| Special Purpose | 3 | - | 6.0 | 6.0 |
| Kitchen, domestic[2] (with or without food waste grinder, dishwasher, or both) | 1½ | 2.0 | 2.0 | - |
| Laundry[2] (with or without discharge from a clothes washer) | 1½ | 2.0 | 2.0 | 2.0 |
| Service or Mop Basin | 2 | - | 3.0 | 3.0 |
| Service or Mop Basin | 3 | - | 3.0 | 3.0 |
| Service flushing rim | 3 | - | 6.0 | 6.0 |
| Wash each set of faucets | - | - | 2.0 | 2.0 |
| Urinal integral trap 1.0 GPF[2] | 2 | 2.0 | 2.0 | 5.0 |
| Urinal, integral trap greater than 1.0 GPF | 2 | 2.0 | 2.0 | 6.0 |
| Urinal. exposed trap[2] | 1½ | 2.0 | 2.0 | 5.0 |
| Water Closet 1.6 GPF Gravity Tank[6] | 3 | 3.0 | 4.0 | 6.0 |
| Water Closet 1.6 GPF Flushometer Tank[6] | 3 | 3.0 | 4.0 | 6.0 |
| Water Closet 1.6 GPF Flushometer Valve[6] | 3 | 3.0 | 4.0 | 6.0 |
| Water Closet greater than 1.6 GPF Gravity Tank[6] | 3 | 4.0 | 6.0 | 8.0 |
| Water Closet greater than 1.6 GPF Flushometer Valve[6] | 3 | 4.0 | 6.0 | 8.0 |

For SI units: 1 inch= 25 mm

**Notes:**

1 Indirect waste receptors shall be sized based on the total drainage capacity of the fixtures that drain therein to, in accordance with Table 702.2(b).

2 Provide a 2 inch (50 mm) minimum drain.

3 For refrigerators, coffee urns, water stations, and similar low demands.

4 For commercial sinks, dishwashers, and similar moderate or heavy demands.

5 Buildings having a clothes-washing area with clothes washers in a battery of three or more clothes washers shall be rated at 6 fixture units each for purposes of sizing common horizontal and vertical drainage piping.

6 Water closets shall be computed as 6 fixture units where determining septic tank sizes based on Appendix H of this code.

*"MIFAB has always been a very high quality product that has been backed by high quality Customer Service."*

– Plumbing Wholesaler, Phoenix, Arizona

7 Trap sizes shall not be increased to the point where the fixture discharge is capable of being inadequate to maintain their self-scouring properties.

8 Assembly [Public Use (see Table 422.1)].

9 **[HCD 2]** For drainage fixture unit values related to mobile home parks in all parts of the State of California, see California Code of Regulations, Title 25, Division I, Chapter 2, Article 5, Section 1268. For drainage fixture unit values related to special occupancy parks in all parts of the State of California, see California Code of Regulations, Title 25, Division I, Chapter 2.2, Article 5, Section 2268.

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> "We have never had to send anything back that we have received from MIFAB !"
>
> – Joe Ficek of Grumman Butkus, Consulting Engineers, Chicago, IL

## GREASE PRODUCTION SIZING METHOD:

Some industry people believe that sizing grease interceptors based on the amount of grease that is produced in a restaurant or kitchen makes a lot more sense than sizing based on flow rate of water and / or drainage fixture units going into the grease interceptor. This can be done first by flow rate and then by grease capacity for pump-out cycle. Note that local codes and ordinances should be followed for compliance. For example, a Chinese restaurant with a 4" drain line can be sized to require a grease interceptor with a 50 GPM flow rate. A Subway deli with a 4" drain line can also be sized to require a grease interceptor with a 50 GPM flow rate. Therefore, two restaurants with very different meal types and production of grease can end up having the same code compliant grease interceptor sized.

The following information and sizing chart can be used to size grease interceptors based on the grease produced in a variety of different restaurants. Note that local codes and ordinances should be followed for compliance.

## Step 1: Size by Pipe Diameter / Flow Rate:

**Hydromechanical Grease Interceptor Sizing Using Gravity Flow Rates** (Per Chapter 10 of the Uniform Plumbing Code)

| Diameter of Grease Waste Pipe | Maximum Full Pipe Flow* | Size of Grease Interceptor | |
|---|---|---|---|
| | | One-minute Drainage Period | Two-minute Drainage Period |
| 2" | 20 GPM | 20 GPM | 10 GPM |
| 3" | 60 GPM | 75 GPM | 35 GPM |
| 4" | 125 GPM | 150 GPM | 75 GPM |
| 5" | 230 GPM | 250 GPM | 125 GPM |
| 6" | 375 GPM | 500 GPM | 250 GPM |

**¼ inch slope per foot (20.8mm/m) based on Manning's formula with friction factor N = 0.012.*

▲ **Recommended**

## Step 2: Calculate grease capacity

Meals Per Day **X** Grease Production Values ① through ② **X** Days Per Pump-out Cycle **=** **Grease Capacity Needed**

| Restaurant Type | | Grease Production Values | Grease Production Sizing Method |
|---|---|---|---|
| **Low Grease Production** | ① | 0.005 lbs / meal (no flatware) | Frozen yogurt, hotel breakfast bar, sub shop, sushi, convenience store, deli, bar, residential. |
| | ② | 0.0065 lbs / meal (with flatware) | |
| **Medium Grease Production** | ③ | 0.025 lbs / meal (no flatware) | Cafes, low grease output restaurants, pizza restaurant, grocery stores (with no fryer), ice cream parlor. |
| | ⑤ | 0.0325 lbs / meal (with flatware) | |
| **High Grease Production** | ④ | 0.035 lbs / meal (no flatware) | Full fare family, German, Italian, fast food Mexican, hamburger bar and grill and fast food hamburger, Medium level restaurants with a fryer. |
| | ⑥ | 0.0455 lbs / meal (with flatware) | |
| **Very High Grease Production** | ⑦ | 0.058 lbs / meal (no flatware) | Full fare BBQ, fast food fried chicken, full fare Mexican, Steak and Seafood, Hawaiian , Chinese |
| | ⑧ | 0.075 lbs / meal (with flatware) | |

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# GREASE INTERCEPTOR CAPACITY DATA

| Model No. | Flow Rate (GPM) | Liquid Cap (Gal) | Grease Design Cap. (Lbs) | Sediment Cap. (Gal) |
|---|---|---|---|---|
| **LIL-7** | 7 | 5.8 | 37 | 2.0 |
| **LIL-10** | 10 | 8.5 | 42 | 2.0 |
| **LIL-15** | 15 | 13 | 50 | 3.1 |
| **LIL-20** | 20 | 16 | 73 | 3.9 |
| **LIL-25** | 25 | 23 | 79 | 5.6 |
| **LIL-35** | 35 | 39 | 86 | 10.6 |
| **LIL-50** | 50 | 44 | 109 | 11.9 |
| **LIL-25-LP** | 50 | 19 | 74 | 11.9 |
| **BIG-750** | 75 | 140 | 501 | 42 |
| **BIG-1150** | 100 | 300 | 1556 | 115 |
| **SUPER-500** | 100 | 539 | 3492 | 53 |
| **SUPER-750** | 100 | 772 | 5002 | 77 |
| **SUPER-1000** | 100 | 1015 | 6577 | 102 |
| **SUPER-1250** | 100 | 1262 | 8177 | 126 |
| **SUPER-1300** | 100 | 1312 | 8501 | 131 |
| **SUPER-1500** | 100 | 1522 | 9862 | 152 |
| **SUPER-2000** | 100 | 2022 | 13102 | 202 |

Capacities listed are for reference. Many external circumstances can have an effect on the data provided.

| PUMP OUT CYCLE | MEALS PER DAY | GREASE PRODUCTION VALUES | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 0.005 lbs/ meal | 0.0065 lbs/ meal | 0.025 lbs/ meal | 0.0325 lbs/ meal | 0.035 lbs/ meal | 0.0455 lbs/ meal | 0.058 lbs/ meal | 0.075 lbs/meal |
| **30** | 250 | LIL-7 | LIL-15 | BIG-750 | BIG-750 | BIG-750 | BIG-750 | BIG-750 | BIG-750 |
| | 500 | LIL-20 | LIL-50 | BIG-750 | BIG-750 | BIG-750 | BIG-1150 | BIG-1150 | BIG-1150 |
| | 750 | LIL-50 | BIG-750 | BIG-1150 | BIG-1150 | BIG-1150 | BIG-1150 | BIG-1150 | BIG-1150 |
| | 1000 | BIG-750 | BIG-750 | BIG-1150 | BIG-1150 | BIG-1150 | BIG-1150 | SUPER-500 | SUPER-500 |

| PUMP OUT CYCLE | MEALS PER DAY | GREASE PRODUCTION VALUES | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 0.005 lbs/ meal | 0.0065 lbs/meal | 0.025 lbs/ meal | 0.0325 lbs/ meal | 0.035 lbs/ meal | 0.0455 lbs/ meal | 0.058 lbs/ meal | 0.075 lbs/meal |
| **60** | 250 | LIL-25 | LIL-50 | BIG-750 | BIG-750 | BIG-750 | BIG-1150 | BIG-1150 | BIG-1150 |
| | 500 | BIG-750 | BIG-750 | BIG-1150 | BIG-1150 | BIG-1150 | BIG-1150 | BIG-1150 | SUPER-500 |
| | 750 | BIG-750 | BIG-750 | BIG-1150 | BIG-1150 | BIG-1150 | SUPER-500 | SUPER-500 | SUPER-500 |
| | 1000 | BIG-750 | BIG-750 | BIG-1150 | SUPER-500 | SUPER-500 | SUPER-500 | SUPER-500 | SUPER-750 |

| PUMP OUT CYCLE | MEALS PER DAY | GREASE PRODUCTION VALUES | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 0.005 lbs/ meal | 0.0065 lbs/meal | 0.025 lbs/ meal | 0.0325 lbs/ meal | 0.035 lbs/ meal | 0.0455 lbs/ meal | 0.058 lbs/ meal | 0.075 lbs/ meal |
| **90** | 250 | LIL-50 | BIG-750 | BIG-750 | BIG-1150 | BIG-1150 | BIG-1150 | BIG-1150 | SUPER-500 |
| | 500 | BIG-750 | BIG-750 | BIG-1150 | BIG-1150 | BIG-1150 | SUPER-500 | SUPER-500 | SUPER-500 |
| | 750 | BIG-750 | BIG-750 | SUPER-500 | SUPER-500 | SUPER-500 | SUPER-500 | SUPER-750 | SUPER-750 |
| | 1000 | BIG-750 | BIG-750 | SUPER-500 | SUPER-500 | SUPER-500 | SUPER-750 | SUPER-1000 | SUPER-1000 |

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## CSI FORMATTED SPECIFICATIONS AND REVIT DETAILS

- https://www.mifab.com/Catalog/Library/BigMax-HDPE-Interceptors-CSI-Guide-Specification.docx
- https://www.mifab.com/Catalog/Revit/Interceptors/BigMax-XL-MI-G-PL_Revit-File.rfa
- https://www.mifab.com/Catalog/Revit/Interceptors/BigMax-XL-MI-O-PL_Revit-File.rfa
- https://www.mifab.com/Catalog/Library/SuperMax-HDPE-Interceptors-CSI-Guide-Specification.docx
- https://www.mifab.com/Catalog/Revit/Interceptors/SuperMax-Grease_Revit-Files_SM-MI-G-PL.rfa
- https://www.mifab.com/Catalog/Revit/Interceptors/SuperMax-Oil_Revit-Files_SM-MI-O-PL.rfa

**Please go to the www.mifab.com website,
click on the Specifications link at the top to view these links.**

**Introducing MIFAB's New**

## GREASE INTERCEPTOR SELECTION GUIDE SOFTWARE

**It is important to install the right size H.D.P.E. grease interceptor for your application.The correct size interceptor can significantly reduce maintenance and cleaning costs as well as fines associated with undersized interceptors.**

**This service is free to our customers and takes the guess work out of the process. Simply go to MIFAB's new H.D.P.E. Grease Interceptor Software website and answer a few simple questions. Our software will advise which of our H.D.P.E. Grease Interceptors is the correct fit for your application.**

**www.sizemyinterceptor.com**

*"The "Our Reputation is Stainless" by MIFAB is a great value offered to owners/architects. Being able to supply such a superior product with a great price point gives owners/architects flexibility within their design."*
– Matt Duplessis, Engineering Specialist, AH Deveney Company, Baton Rouge, LA

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# CASE STUDY: PURPLE LINE PROJECT

**MIFAB product Installed:**

**SuperMax 750 Gallon Gravity Oil Interceptor**

**(custom made with 36" lids for WSSC requirements)**

**Contractor:** Southland Industries

**Project Name:** Purple Line (transit)

**Job location:** Landover Hills, MD

**MIFAB Sales Agent:** Taze & Hewitt

**Installation Overview:** MIFAB provided two SuperMax HDPE Oil Interceptors with 750 gallons of liquid holding capacity and 36" diameter custom lids for a massive public transit project called Purple Line in Landover, MD.

The Purple Line is a 16.2-mile (26.1 km) light rail line under construction to link the Maryland suburbs of Bethesda, Silver Spring, College Park, and New Carrollton, all in the Washington metropolitan area.

One of the stations required two 750 gallon gravity oil interceptors. The bury depths were greater than normal which required a rigid oil interceptor that would not buckle under 19 feet of earth load. The local AHJ, WSSC (Washington Suburban Sanitary Commission) also required that the lid openings have a minimum diameter of 36" in order to provide the maintenance contractor room to access and clean out the interceptor tanks buried 19 feet below grade. MIFAB worked with Southland Industries, WSSC and the Engineer of Record to provide a custom gravity oil interceptor solution for this challenging project.

"Regarding the SuperMax, we were very pleased to learn that MIFAB could provide an interceptor that met our job site deep burial needs. We were impressed to learn that MIFAB made the effort to sit down with WSSC and develop a grease interceptor that conformed to WSSC Standards. This helped our jobs as PMs immensely as we all know WSSC has some tough Standards. We've been working closely with their engineers during the install and their ability to provide additional information we've needed has been fantastic. They were easy to install and it all came at some good pricing to us.

***Eric Gordy, Project Manager, Southland Industries, Dulles, VA***

# CASE STUDY: UPS PROJECT, CANADA

This project was awarded to Avcon Construction in 2018. They were challenged for space to locate the Big Max hydromechanical grease interceptor inside of the building. MIFAB's Engineering team advised on a solution to locate the Big Max outside in order to save space.

"Early in the planning stages, we contacted MIFAB on trench drain for the UPS upgrade for the garage for the Brampton depot. The discussion steered us towards the Filcoten concrete trench drain product line which was the perfect application for the use of the site. This led to a discussion for planning of the sediment and oil interceptor and thanks to advice from MIFAB, we placed the interceptor not inside the building but outside and buried.

The BigMax was delivered on time and on specification. The use of the generic corrugated extensions made installation easy and extremely efficient.

MIFAB offering drains and interceptors together makes our jobs easier regarding technical support, logistics and delivery."

***Avcon Construction, North York, Ontario, Canada***

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"MIFAB products are by far the best, easy to install and so well thought out. The drains, cleanouts and floor sinks are interchangeable. No other manufacturer makes their products so simple to use. MIFAB is the only way to go"

– Joe Boyle, Boyle Plumbing and Contracting, New Braunfels, TX

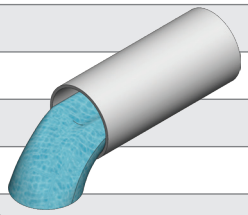
## SOLIDS INTERCEPTORS

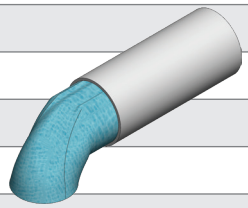
Solids interceptors are required anywhere heavy and suspended solids may be introduced to the public sewer system in applications such as: food waste, machine shops, salons, artist studios, barber shops, dentist offices, laundry facilities, parking lots, car washes, food processing, livestock and agricultural drainage. These wastes must be separated prior to entering the public sewer system. MIFAB® strongly recommends the installation of a solids interceptor before a grease interceptor to ensure that food waste is captured within the solids interceptor before entering the grease interceptor. The application of a solids interceptor, regularly maintained, will make the performance and efficiency of the grease interceptor much better.

## SOLIDS INTERCEPTOR PRODUCT SELECTION SIZING GUIDELINES

MIFAB® recommends that solids interceptors first be sized by pipe size, then by selecting the unit with the appropriate sediment capacity to provide an acceptable cleaning frequency. For flow rate (GPM) sizing by pipe size (see table below).

| Pipe Size (Nominal) | Per Manning's Formula* | |
|---|---|---|
| | Half pipe flow (design flow) | Maximum full pipe flow |
| 2 | 9.67 | 19.44 |
| 3 | 29.33 | 58.67 |
| 4 | 62.96 | 127.77 |
| 6 | 187.74 | 375.47 |
| | ▲ preferred flow rate | |





* 1/4" pitch slope based on Manning's Formula with friction factor N=0.12"

## LINT INTERCEPTOR PRODUCT SELECTION SIZING GUIDELINES

MIFAB® recommends the following sizing guidelines.

**Step 1 of 2:** Select interceptor with appropriate drain line pipe size.

For example, if your primary drain line is 4", choose models with standard 4" connections (models Lil-50-L and up).

**Step 2 of 2:** Complete formula, then select interceptor with appropriate lint capacity based on maintenance interval.

| 30-Day Professional Maintenance Interval | | | | |
|---|---|---|---|---|
| Gallons of Lint Per Day (X) | Number of Machines (X) | Days 30 (=) | Gallons of Lint Per Month | Recommended Model # |
| 0.0495 | 5 | 30 | 7.4 | Lil-15-L |
| 0.0495 | 7 | 30 | 10.4 | Lil-25-L |
| 0.0495 | 12 | 30 | 17.8 | Lil-35-L |
| 0.0495 | 18 | 30 | 26.7 | Lil-50-L |
| 0.0495 | 42 | 30 | 62.4 | BIG-140-L |
| 0.0495 1 | 141 | 30 | 209.4 | BIG-300-L |

| Weekly Do-it-Yourself Maintenance Interval | | | | |
|---|---|---|---|---|
| Gallons of Lint Per Day (X) | Number of Machines (X) | Days 30 (=) | Gallons of Lint Per Month | Recommended Model # |
| 0.0495 | 6 | 30 | 2 | Lil-15-L |
| 0.0495 | 9 | 30 | 3 | Lil-25-L |
| 0.0495 | 14 | 30 | 5 | Lil-35-L |
| 0.0495 | 23 | 30 | 8 | Lil-50-L |
| 0.0495 | 29 | 30 | 10 | BIG-140-L |
| 0.0495 | 38 | 1 | 13 | BIG-300-L |

**NOTE:** Average wash cycle time of a commercial laundry machine - 42 minutes. Average business hours of a commercial laundry facility = 16 hours. Average lint output per wash of 20-60 lb. commercial laundry machine - 0.009 gallons (1.14 oz.). Average wash cycles per day of a commercial laundry machine = 5.5 cycles. Lint output may vary based on clothes type. For example, towels and linens yield high lint levels while clothing will yield lower lint levels.

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# DECONTAMINATION TANKS

Liquid wastes that can damage the building's drain, waste and vent system, public sewer or ground / surface waters are required by Chapter 8 of the Uniform Plumbing Code (U.P.C.) and by the International Plumbing Code (I.P.C.) to be pretreated.

Following are requirements from the AIA and ANSI:

*"Water drainage must be contained and disposed of safely to ensure that it does not enter hospital or community drainage systems"*. American Institute of Architects (A.I.A.).

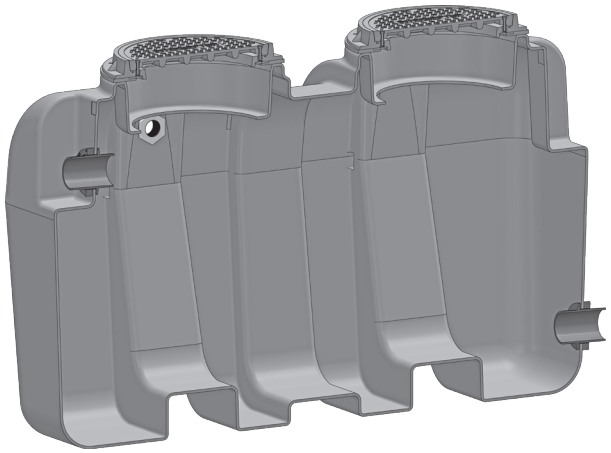
*"Consideration should be given to the proper disposal of waste flushing fluids from operating emergency eye wash and shower equipment."* The American National Institute Standard (ANSI Z538.1).

MIFAB has engineered decontamination tanks to serve as the products to fulfill these Code requirements. The Big Max range of H.D.P.E. decontamination tanks are available in 140 and 300 gallons of liquid holding capacity and the SuperMax range of H.D.P.E. decontamination tanks are available in 500, 750, 1000, 1300, 1500 and 2,000 gallons of liquid holding capacity.

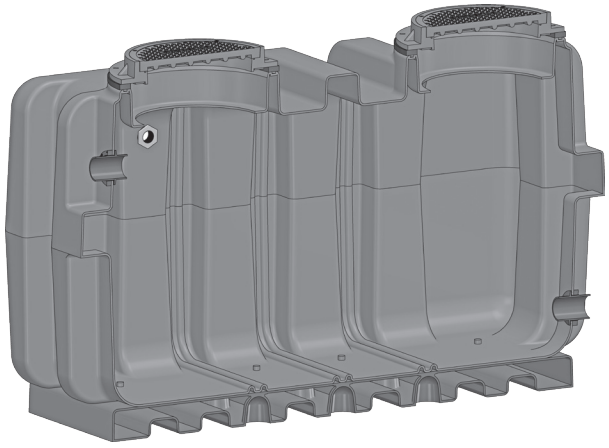
## Sizing

1. Determine the number of Fixtures (Showers or eyewash stations)
2. Multiply the number of Fixtures x the flow rate of each fixture (see Fixture Flow Rate Guide below)
3. Multiply the sum of 1 and 2 x the rinse time (15 – 20 minutes is typical)
4. The result determines the size of the decontamination tank required in gallons liquid holding capacity.

| Fixture Flow Rate Guide | | |
|---|---|---|
| **VELOCITY** | **½" LINE** | **¾" LINE** |
| 4 feet / second | 3.77 GPM | 6.64 GPM |
| 6 feet / second | 5.66 GPM | 9.96 GPM |
| 8 feet / second | 7.54 GPM | 13.29 GPM |
| 10 feet / second | 9.43 GPM | 16.61 GPM |



**BIG-DECON**
140 and 300 Gallons Decontamination Tank



**SUPER-DECON** - 500, 750, 1000, 1300, 1500 + 2,000 Gallons Decontamination Tank

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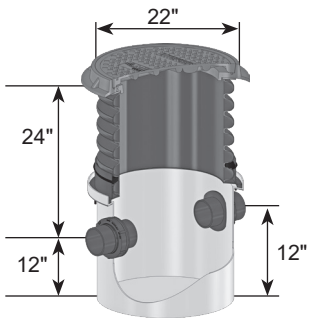
## SAMPLING PORTS

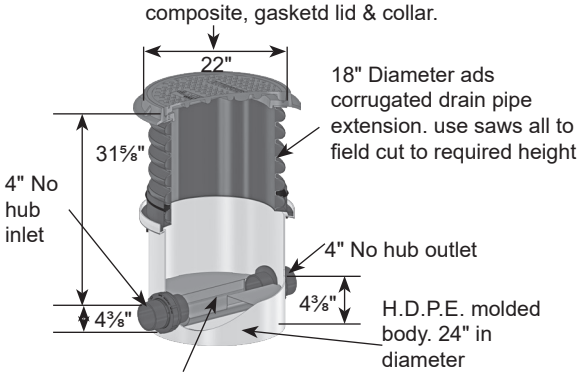
Several areas require the use of sampling ports to provide the local authorities an opportunity to retrieve and test waste water discharged from the grease interceptor to ensure that the FOG contained within the effluent is within requirements. MIFAB offers three models of sampling ports for the Big Max grease interceptors; each with direct connect lids for above ground installation and also with extensions and H-20 load rated lids for in ground installation. MIFAB offers two models of sampling ports for the Lil Max grease interceptors. One for inline connection and the other for offset connection.

### BELOW GROUND SAMPLING PORTS



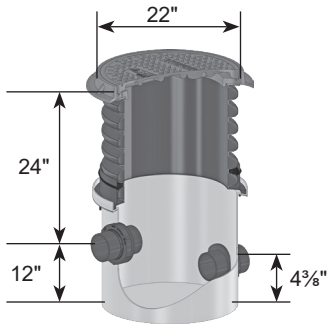

**BIG-SP**

Standard 20,000 lb. AASHTO H-20 load rated steel enased composite, gasketd lid & collar.



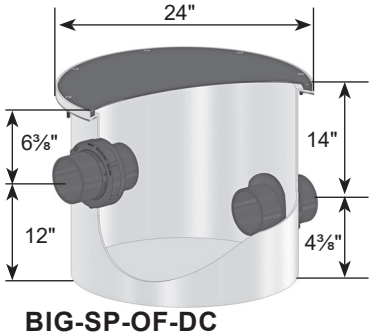

Fabricated stainless steel open top trough to retrieve waste water sample as effluent is flowing.

**BIG-SP-L**



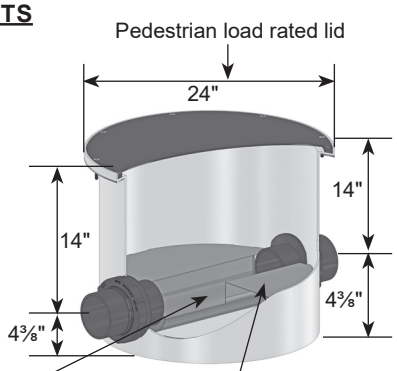

**BIG-SP-OF**

### ABOVE GROUND SAMPLING PORTS

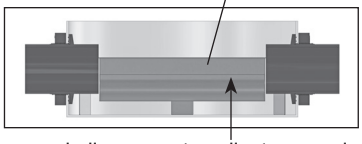



**BIG-SP-OF-DC**

Pedestrian load rated lid

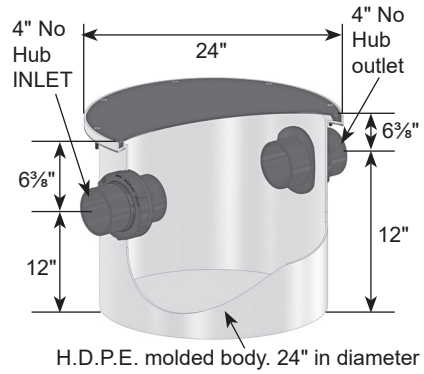



**BIG-SP-L-DC**



Fabricated stainless steel open top trough to retrieve waste water sample as effluent is flowing.

3/4" Drop from the inlet pipe accelerates flow and allows one to collect a sample with the horizontal placement of a collection jar.Part # BIG-SP-TROUGH.

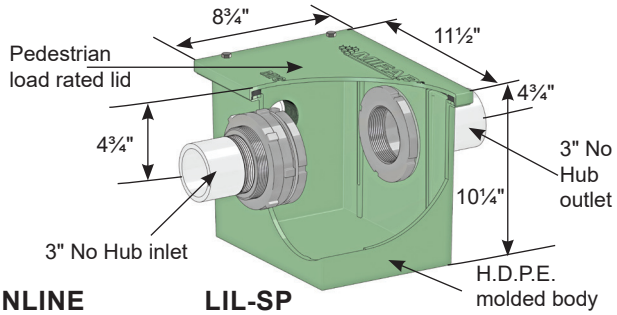



**BIG-SP-DC**

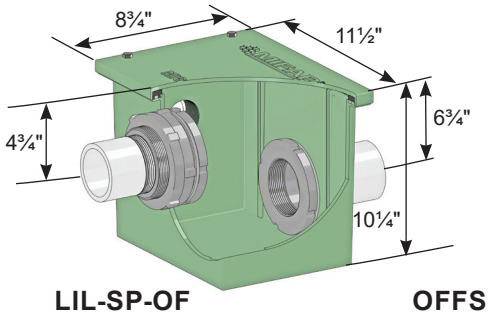
*"We really like the C-PORT products. MIFAB overall has a great product offering with a wide selection. I have not had any issues with using MIFAB on a job. Also, the local representative is great !"*

– Mike Bright, Arizona Pinnacle Engineering

### SAMPLE PORTS FOR LIL MAX




**INLINE LIL-SP**




**LIL-SP-OF OFFSET**

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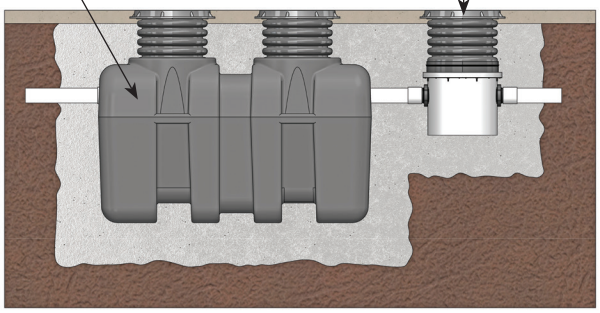
## SAMPLING PORTS - TYPICAL INSTALLATION DETAILS

### BELOW GROUND INSTALLATION

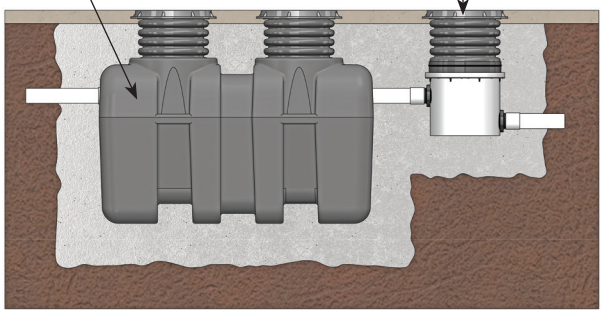
MODEL # BIG-1150, 100 GPM BIG MAX GREASE INTERCEPTOR

MODEL # BIG-SP SAMPLING PORT



MODEL # BIG-1150 BIG MAX GREASE INTERCEPTOR

MODEL # BIG-SP-OF SAMPLING PORT

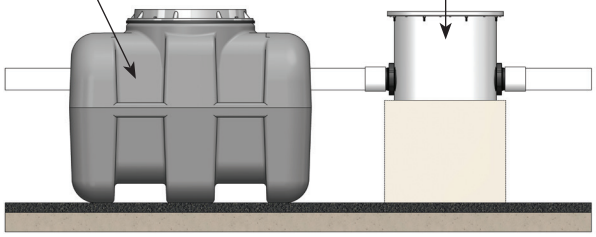


SAMPLE PORT MUST BE PLACED ON A SUITABLE BASE OF COMPACTED SOIL OR UNDISTURBED EARTH IN TRAFFIC CONDITION.

### ABOVE GROUND INSTALLATION

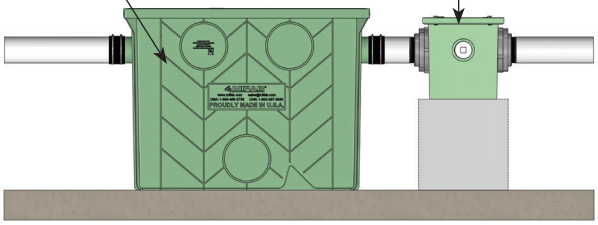
MODEL # BIG-750-DC, 75 GPM GREASE INTERCEPTOR WITH DIRECT CONNECT LID

MODEL # BIG-SP-L-DC SAMPLING PORT



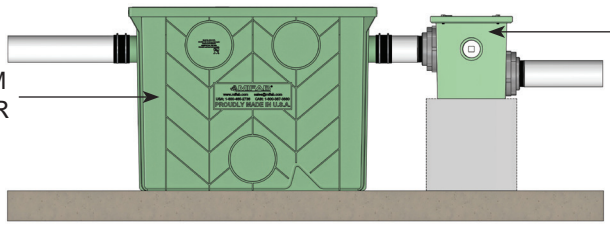
MODEL # LIL-50, 50 GPM GREASE INTERCEPTOR

MODEL # LIL-SP SAMPLING PORT



MODEL # LIL-50, 50 GPM GREASE INTERCEPTOR

MODEL # LIL-SP-OF SAMPLING PORT



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"When I think of MIFAB: Very Consistent."

– Dan Thomas of Ben Thomas and Associates, Shade Gap, PA

## OIL INTERCEPTORS

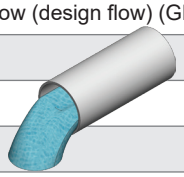
Oil interceptors are required anywhere that oil and sand may be introduced to the public sewer system in applications such as: repair garages, oil change stations, car wash facilities, parking garages, parking lots, hydraulic elevator pits and facilities where oil and flammable liquid waste are produced as a result of manufacturing, storage, maintenance, repair or testing processes. The interceptor collects the oil before it is drained to an adjacent storage tank through an adjustable draw-off system. Sediment and debris is collected inside of the internal sediment bucket. Petroleum based oils are lighter than water and will rise to the surface by gravity differential separation according to the Stokes Law. The International Plumbing Code – 2015 (IPC) and Uniform Plumbing Code 2012 (UPC) require the installation of oil interceptors in the above mentioned applications.

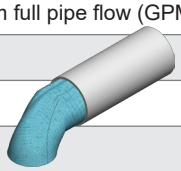
## OIL INTERCEPTORS SIZED BY SQUARE FOOTAGE FOR SERVICE AREAS

| Drainage Area (sq. ft.) | Cubic Ft. Capacity Required | Holding Capacity Required (U.S. Gallons) | Model # |
|---|---|---|---|
| Up to 200 | Up to 7 | 52 | Lil-50-O |
| >200 – 1,100 | Up to 16 | 120 | BIG-750-O |
| >1,100 – 3,100 | Up to36 | 269 | BIG-1150-O |
| >3,100 – 6,700 | Up to72 | 539 | SUPER-500-O |
| >6,700 – 10,400 | Up to109 | 815 | SUPER-750-O |
| >10,400 – 14,200 | Up to147 | 1,100 | SUPER-1000-O |

## OIL INTERCEPTORS SIZED BY FLOW RATE FOR PARKING AREAS ONLY

| Pipe Size (Nominal) | Per Manning's Formula* | |
|---|---|---|
| | Half pipe flow (design flow) (GPM) | Maximum full pipe flow (GPM) |
| 2" | 9.67 | 19.44 |
| 3" | 29.33 | 58.67 |
| 4" | 62.96 | 127.77 |
| 6" | 187.74 | 375.47 |
| | ▲ Recommended flow rate | |





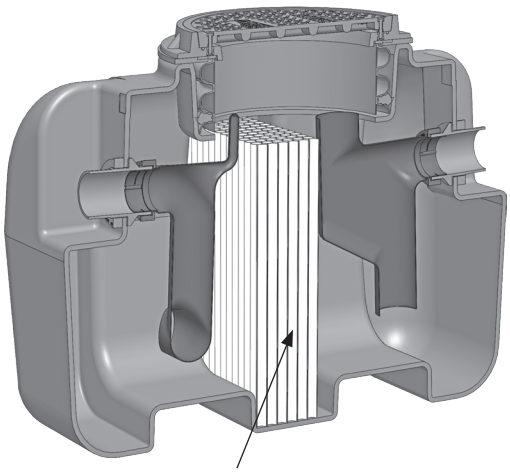
| Supply Line Flow Rate | | |
|---|---|---|
| Velocity | 1/2 | 3/4 |
| 4 Ft. / sec | 3.77 GPM | 6.64 GPM |
| 6 Ft. / sec | 5.66 GPM | 9.96 GPM |
| 8 Ft. / sec | 7.54 GPM | 13.29 GPM |
| 10 Ft. / sec | 9.43 GPM | 16.61 GPM |

* 1/4" pitch slope based on Manning's Formula with friction factor N=0.12"

## COALESCING PACK

MIFAB®'s coalescing pack media is an ideal option to add to an oil interceptor when oily waste water is mechanically emulsified (as in pump applications.) Oils break into smaller, less buoyant droplets and decrease the separator efficiency. Coalescing packs provide increased surface area for emulsified oil droplets to merge into larger, more buoyant droplets, greatly improving the efficiency of the oil interceptor.

MIFAB®'s polypropylene coalescing pack media is from OWS Tech and has been third party tested to performance Standard CEN EN858-1 for Class 1 coalescing separators. OWS Tech's high efficiency coalescer (HEC) pack will remove free non-emulsified hydrocarbons with a specific gravity less than 0.95. The (HEC) pack's unique random tube matrix flushes solids and removes oil droplets down to the 20 micron size with an effluent discharge quality of 10 ppm (parts per million) or less.



**Big Max® Oil Interceptor**
**Model # BIG-750-O**
**with the coalescing pack media**

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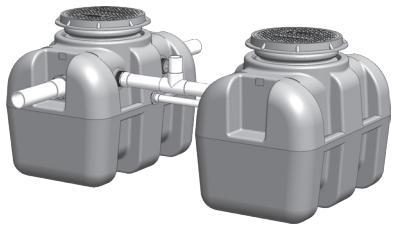
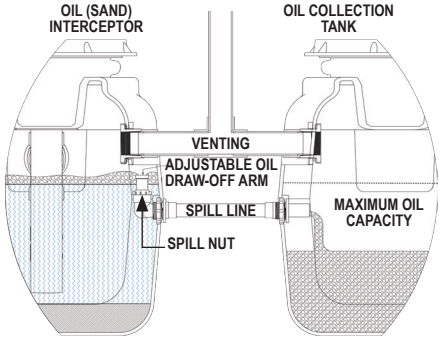
## OIL INTERCEPTOR HOLDING TANKS

It is good practice to install an oil interceptor holding tank adjacent to the oil interceptor to receive accumulated waste oil from the oil interceptor and reduce pump-out frequency. The holding tank can also provide more accurate oil level monitoring. MIFAB® recommends the holding tank be the same size as the oil interceptor to maximize oil storage capacity.

**Model # BIG-750-O oil interceptor**



**Model # BIG-750-O-HT holding tank**

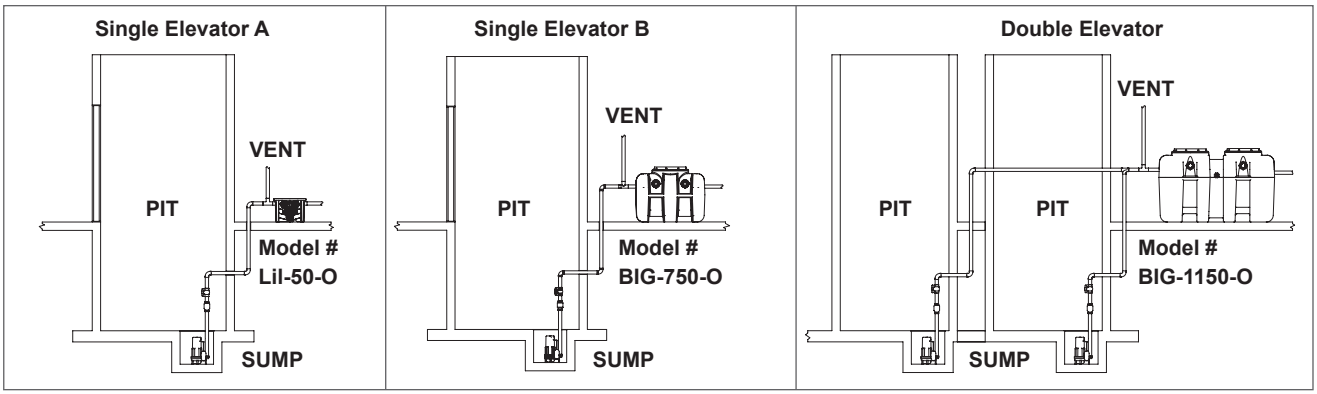


## OIL INTERCEPTORS FOR ELEVATOR PITS

ASME A17.1-2007 / CSA B44-07 is the Safety Code for Elevators and Escalators. It serves as the basis for the design, construction, installation, operation, testing, inspection, maintenance, alteration and repair of elevators, dumbwaiters, escalators, moving walkways and material lifts. Section 2.2 explains the requirements for pits for all elevators governed by the Code. Section 2.2.2.3 states that permanent provision must be made to prevent the accumulation of ground water in the pit, while Section 2.2.2.4 requires the necessary sump pump or floor drain meet the applicable plumbing code for the local jurisdiction. Section 2.2.2.5 requires all elevators with Firefighter's Emergency Operation to have a drain or sump pump. A sump pump shall have the capacity to remove 3,000 gallons per hour per elevator.

The International Plumbing Code (IPC) requires the installation of an oil interceptor for hydraulic elevator pits, unless there is an approved alarm system installed. The intent of the Code is to prevent an oil discharge to the sanitary drainage system. Sump pumps with an oil sensor and alarm unit that shuts off the pump if oil is detected in the pit are available. For elevators with Firefighters' Emergency Operation, the pit must be kept clear of accumulated water as required by ASME A17.1-2007 / CSA B44-07, Section 2.2.2.5. It is possible that the sump pump with oil sensor will shut off during a fire allowing the pit to fill with sprinkler water. The installation of a MIFAB® oil interceptor downstream of the sump pump satisfies the elevator and the Plumbing Code.

| Sizing for Oil interceptors for elevator pits | | | | |
|---|---|---|---|---|
| Application | Pump Flow (GPM) | MIFAB® Model # | Flow Rate (GPM) | Oil Storage Holding Capacity (USG) |
| Single Elevator (A) | 50 | Lil-50-O | 50 | 80.76 |
| Single Elevator (B) | 50 | BIG-750-O | 75 | 105.00 |
| Double Elevator | 100 | BIG-1150-O | 100 | 160.00 |




Note: The MIFAB® coalescing pack should be specified with all oil interceptors receiving pump fed oil waste water because the emulsification of the oil from the pump.

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# INTERCEPTORS – COMMON QUESTIONS

**Where can I locate the grease interceptor ?**

Big Max® and SuperMax® interceptors that are installed outside should be located with at least three feet of clear space around all sides of the interceptor and seven feet of clear space above the interceptor for access in the event of an issue and for the regular pumping of the interceptor. It is the responsibility of the restaurant owner to maintain safe, clear and unobstructed access to the interceptor at all times.

**Do I need to install the flow control ?**

For Hydromechanical Grease Interceptors (HGI) the PDI G-101 Standard requires that all grease interceptors be installed with an external, vented, flow control fitting. The grease interceptor does not meet the requirements of PDI G-101 without the installation of the external vented flow control fitting. The ASME A112.14.3, Type C Standard allows an approved grease interceptor to be installed with an internal flow control plate. For Gravity Grease Interceptors (GGI), a flow control is not required.

**What can be connected to the grease interceptor ?**

A grease interceptor must not and cannot receive any sanitary waste water (for example, from a toilet). Waste water discharge into a grease interceptor can only be from food service fixtures. The types of fixtures and appliances that can and cannot be connected to a grease interceptor vary according to local codes and requirements. A licensed professional plumber, or your local city plan check department or plumbing code officials should be consulted for clarification on this.

**Do grease interceptors need to be directly vented ?**

Gravity Grease Interceptors (GGI) do require to be directly vented. A Hydromechanical Grease Interceptor (HGI) does not require to be directly vented unless specifically mandated by local code or by law. Venting is required on the downstream drain line – the same as most other plumbing appliances and fixtures to allow efficient and unrestricted discharge of the waste water.

**Do I need to install a cleanout before or after the interceptor ?**

Most plumbing codes require an upstream and downstream cleanout immediately before and after the interceptor. This is good practice and indicates which outlet is in use.

> *"The people at MIFAB are great and they will help you the best they can."*
>
> – Dan Thomas of Ben Thomas and Associates, Shade Gap, PA

**Should I install a solids interceptor with the grease interceptor ?**

Grease interceptors are not designed to accommodate large amounts of solid material. The accumulation of unremoved solids will negatively impact the performance and efficiency of the grease interceptor and cause foul odors. MIFAB® strongly recommends that a solids interceptor be installed upstream of the grease interceptor and that all entry points to the drains connected to the grease interceptor be protected with sediment buckets to prevent debris from entering the drain lines and the interceptor. It is recommended that all plates, pots, pans, etc . . . be scraped to remove loose food debris prior to washing.

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# INTERCEPTORS – COMMON QUESTIONS

**Should I pressure test the grease interceptor ?**

No. The MIFAB® grease interceptor is considered a plumbing accessory and must be isolated from the drainage system in the event that final drain testing or other system pressure testing is required. The interceptor must not under any circumstances be subjected to an air, water or any other type of pressure test. This action will result in damage to the interceptor, invalidate the warranty and could cause serious injury to those near the interceptor.

**How often should the grease interceptor be cleaned ?**

A grease interceptor is typically not cleaned often enough. If left too long, the accumulated grease will pass through the interceptor and into the sanitary sewer lines and cause foul odors. MIFAB® recommends that grease interceptors be inspected and if necessary, cleaned weekly to ensure efficient performance. Your local city plan check department or plumbing code officials should be consulted for clarification on how often your grease interceptor needs to be cleaned. If you are experiencing frequent issues with regards to blockages or accumulation of grease in your interceptor, it is likely a result of the grease interceptor not being cleaned often enough. Do not modify the interceptor or means of flow control in any way. Doing this voids the performance approval required by your local jurisdiction and will leave your operation exposed to the risk of fines and citations.

**Do I need to install a sampling port after the grease interceptor ?**

For HGI, most jurisdictions do not require a sampling port to test the effluent from the grease interceptor. For those areas that do, a sampling port access is molded as standard into the top of the internal outlet piping within all Big Max® and SuperMax® grease interceptors. This can be accessed by removing the lid closest to the outlet. In addition, MIFAB® manufactures external sampling ports (see page 11) that some jurisdictions require to be installed after the grease interceptor in order to have a means to test the effluent from the interceptor. Most jurisdictions require the installation of an external sampling port for all GGI.

**How does a HGI replace the function of a 1000 gallon concrete tank (GGI) ?**

A Gravity Grease Interceptor (GGI), (typically a concrete tank) is sized according to liquid holding capacity usually between 750 and 1,500 gallons. In most jurisdictions, a method called the 25% rule is used to indicate how often the GGI should be cleaned. The 25% is the total working volume of the interceptor which can be occupied by a combination of Fats, Oil and Grease and Food Solids (FOG).

For example, a GGI with a liquid holding capacity of 1,000 gallons can only function to a point where 250 gallons (1,000 x .25) of its' volume is occupied by solids and grease. This equates to approximately 1,090 lbs. of grease. Assuming that 100 gallons of the 1,090 lbs. is solid material, then only 150 gallons of grease capacity remains before cleaning is required. This typically means that the interceptor must be cleaned every 8 – 10 weeks. In comparison, the MIFAB® Big Max® BIG-1150, 100 GPM, PDI-101 tested and certified Hydromechanical Grease Interceptor (HGI) has a significantly smaller 300 gallon liquid holding capacity but a third party laboratory tested grease separation efficiency of 95%. This translates to essentially the same grease capacity as the GGI, exceeding 1,000 lbs. of functional grease capacity.

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Cleaning a full grease interceptor is a dirty and smelly job. MIFAB offers an efficient alternative to do this – the MIFAB Remote Pump Out Options – RPO and -POK. This ensures that a dirty, greasy hose is not dragged through the inside of the restaurant to connect to the grease interceptor in order to pump it out. Instead, the pump out hose remains outside of the restaurant connected to the grooved threaded coupling on the outside wall.

Install PVC piping, connections, valves and/or hardware from the interceptor pump out port (see Detail # 1 below) to the pump out hook up location (see Detail # 2 below). At the end of the pump out PVC plumbing line, install the supplied PVC socket x MPT nipple. Attached the supplied 3" Cam and grooved threaded coupling onto the pipe nipple using pipe thread sealant or tape.

The 3" Cam and grooved threaded coupling is installed onto the outside wall of the restaurant. A 3" Cam and grooved cap snaps onto the coupling to seal it when not in use. During the cleaning process, the cap is removed so that the pumper can connect the grease suction hose to the coupling.

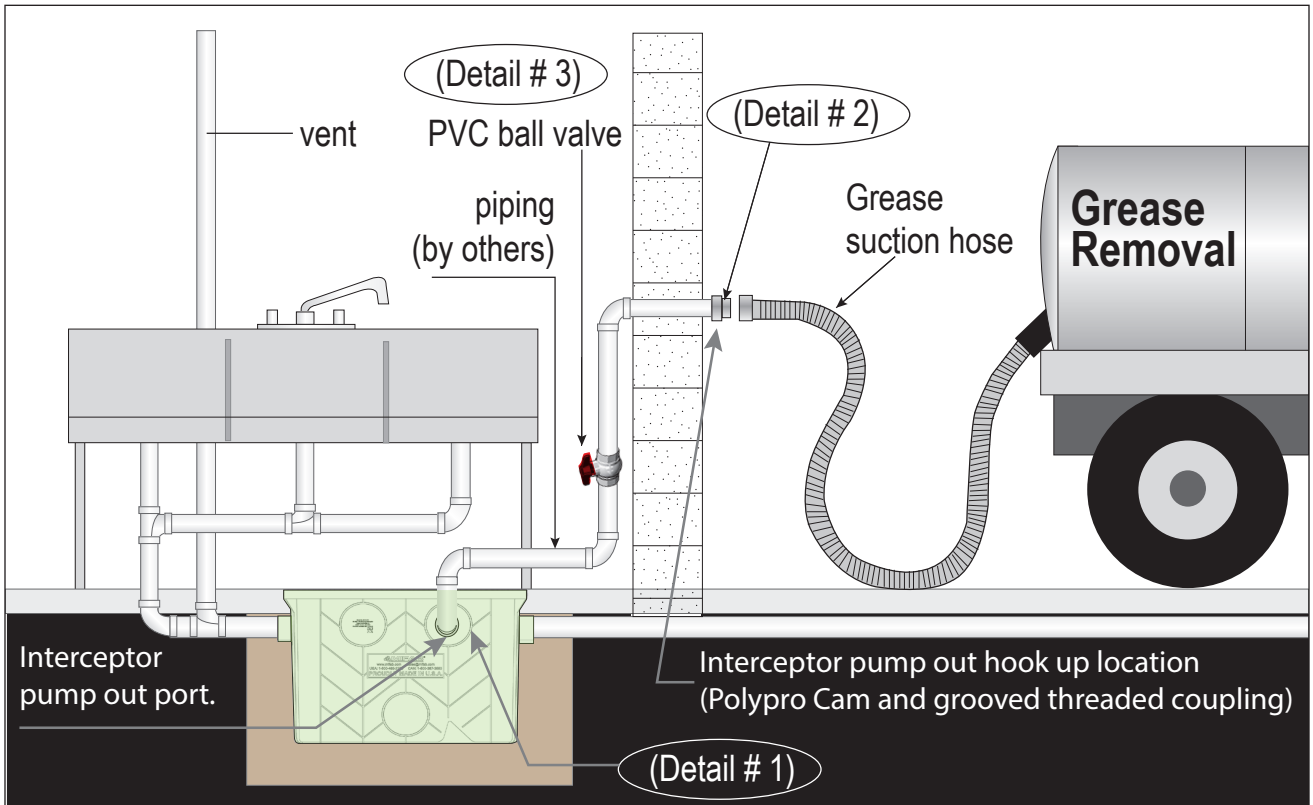
The PVC ball valve (see Detail # 3 below) supplied is installed within the PVC pipe (pipe by others) inside of the building. During normal operation of the grease interceptor, ensure that the PVC ball valve is in the closed position. During the cleaning process, ensure that the PVC ball valve is in the open position.

Note that the maximum vertical distance permitted from the 3" Cam and grooved coupling fastened to the wall and the interceptor pump out port is 21 feet. Also, the maximum horizontal distance from the pumper truck to the interceptor pump out port is 100 feet.

To pump out the interceptor, run the sinks that flow into the interceptor to ensure that it is full of water. Attach the pumper hose to the 3" Cam and grooved coupling. Open the ball valve. Turn on the pump within the pumper truck. Ensure that the interceptor is pumped out and inspect the pump out plumbing for leaks. Close the ball valve.

Install the 3" Cam and grooved cap onto the cam and grooved threaded coupling to seal the remote pump out connection at the outside wall.

MIFAB recommends to pump down the accumulated grease within the interceptor and then run hot water into the interceptor during the final pumping to clear the bottom remnants of the grease within the tank. During many years of discussions with pumpers; we have learned that with or without a pumpout kit, most determine a grease interceptor "pumped" as long as 90% is removed.




Indoor buried interceptor with remote pump out. MIFAB's Lil Max grease interceptor shown

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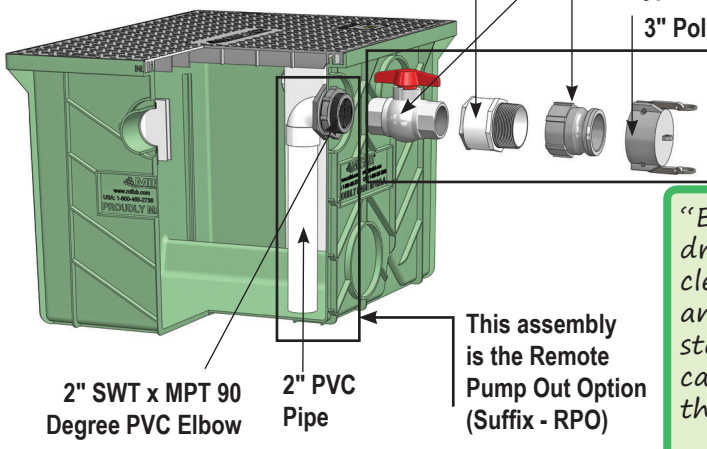
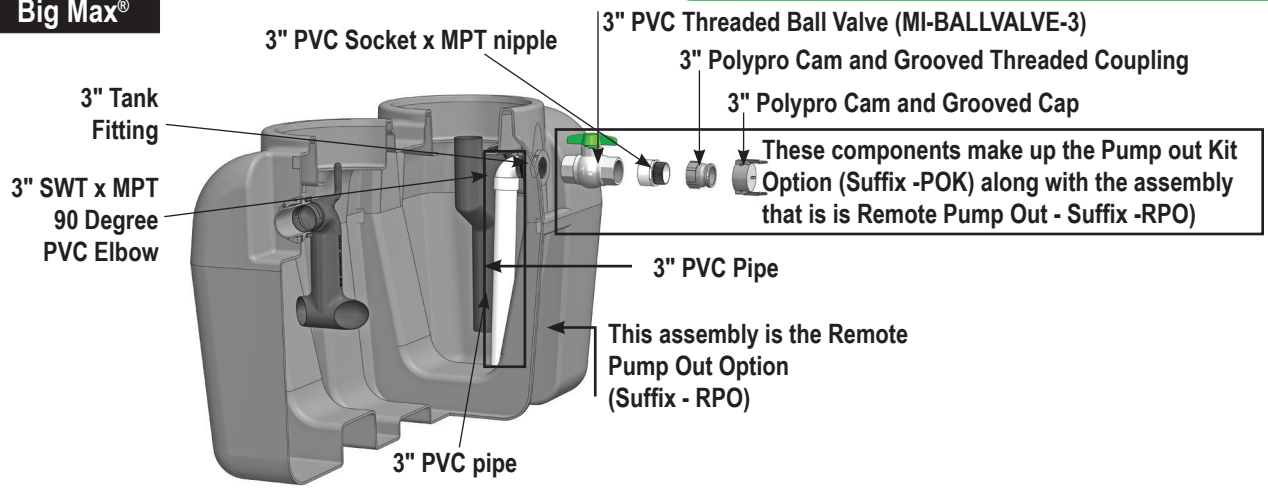
## Lil Max®



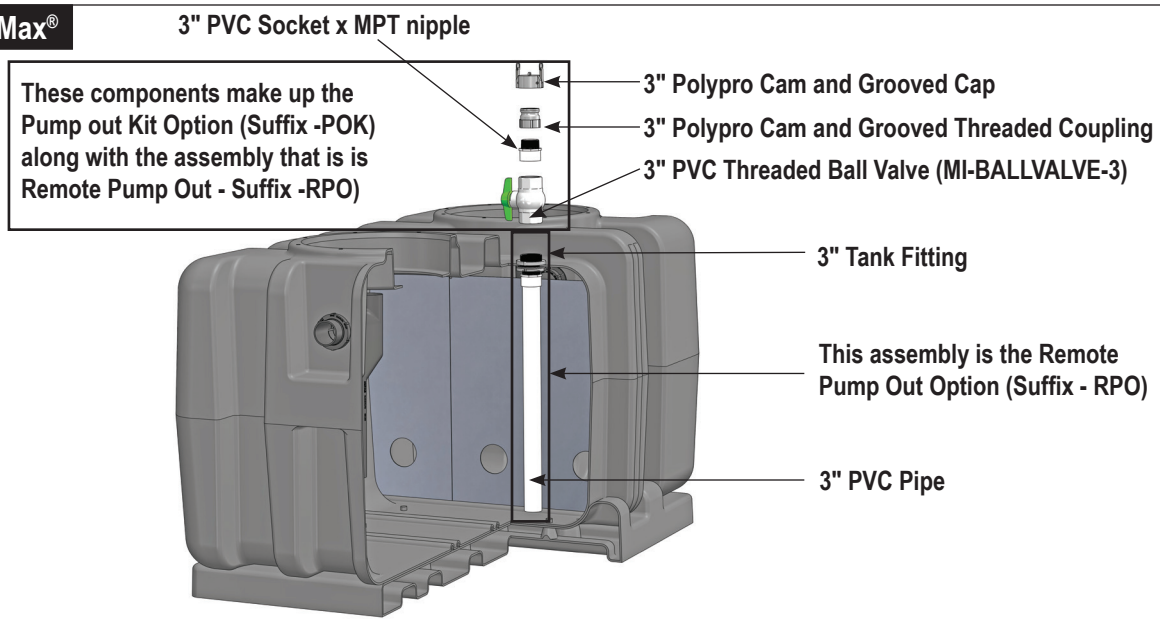

"Everyone thinks that specification drainage products are all the same. MIFAB clearly stands above them with some amazing features and benefits. It doesn't stop there. All of the MIFAB product categories have features built into them that benefit my customers."

– Mike Amato, Sales Manager, Noland Plumbing Supply, Pompano Beach, FL

## Big Max®




## Super Max®

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## FLOW CONTROL FITTINGS

The PDI G-101 Standard requires that all grease interceptors be installed with an external, vented, flow control fitting.

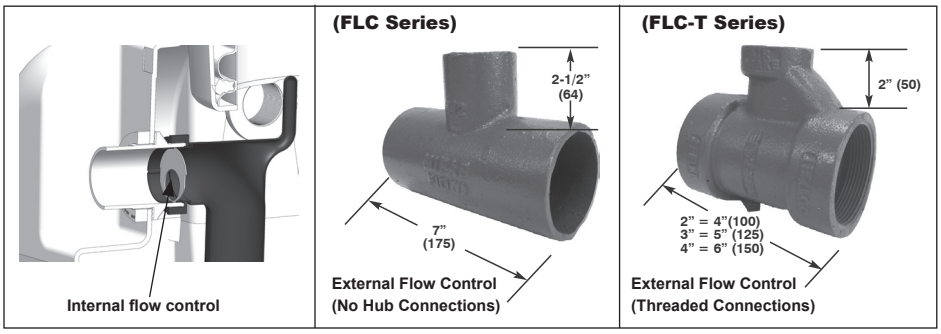
**FLOW CONTROL FITTING DESCRIPTION:** Flow control fittings ensure 90% or more grease retention efficiency of the interceptor. When consideration isn't given to the flow rate of the waste water to be handled, the actual flow rate through the interceptor usually exceeds its rated maximum. With such flow rate, the interceptor would be overloaded. Retention time within the unit would not be sufficient for maximum separation. The result would be low efficiency, and pollutants left in the waste water would pass through the interceptor, making the installation less than effective. When the flow is controlled by use of a MIFAB® flow control fitting so that it can never exceed the maximum rating of the interceptor, and the interceptor is cleaned on a regular basis, the maximum pollutant retention efficiency will be achieved and maintained.

All external flow control fittings are built with an air intake and should be connected to the vent stack or vent not lower than the flow level of the highest drain serviced or terminated in a return bend at the same elevation outside of the building. A vented flow control fitting improves the efficiency of the grease interceptor by introducing air into the body of the interceptor. As the air bubbles rise to the surface, they are coated with grease. This process brings grease to the surface faster, and, as a result, increases the efficiency.

The external flow control fitting furnished with PDI certified interceptors must be installed ahead of the interceptor in the waste line beyond the last connection from the fixture and as close as possible to the underside of lowest fixture. When waste of two or more sinks or fixtures are combined to be served by one interceptor, a single flow control fitting should be used. Air intake for flow control may terminate under sink drain board as high as possible to prevent overflow or terminate in a return bend at the same height and on outside of building. When fixture is individually trapped and back-vented, air intake may intersect vent stack. All installation recommendations subject to approval of the local Code Authority.

## INTERNAL FLOW CONTROL

Where an internal flow control is preferred and acceptable to the Authority Having Jurisdiction (AHJ), the grease interceptor shall be tested and certified to the ASME A112.14.3, Type C Standard. The flow control shall be accessible for cleaning and inspection up to the maximum burial depth of 72" regardless of the application. MIFAB®'s BIG-750 (75 GPM) and BIG-1150 (100 GPM) are tested and certified to the ASME A112.14.3, Type C Standard with an internal flow control. They are also separately tested and certified to the PDI G-101 Standard which requires the use of an external flow control fitting (see page 11).




| (DIMENSION) DENOTES MILLIMETRES | | | | |
|---|---|---|---|---|
| MODEL NO. | FOR USE WITH MIFAB® INTERCEPTOR | NO HUB PIPE CONNECTION SIZE | ORIFICE SIZE | VENT CONNECTION SIZE |
| FLC-1 | Lil-7 | 2" (52) | .500" (13) | 2" (52) |
| FLC-2 | Lil-10 | 2" (52) | .656" (16) | 2" (52) |
| FLC-3 | Lil-15 | 2" (52) | .750" (19) | 2" (52) |
| FLC-4 | Lil-20 | 3" (75) | 1.000" (25) | 2" (52) |
| FLC-5 | Lil-25 | 3" (75) | 1.250" (31) | 2" (52) |
| FLC-6 | Lil-35 | 3" (75) | 1.250" (31) | 2" (52) |
| FLC-7 | Lil-50 | 3" (75) | 2.000" (50) | 2" (52) |
| FLC-XL-1 | BIG-750 | 4" (102) | 2.000" (50) | 2" (52) |
| FLC-XL-1 | BIG-1150 | 4" (102) | 2.250" (57) | 2" (52) |

| (DIMENSION) DENOTES MILLIMETRES | | | | |
|---|---|---|---|---|
| MODEL NO. | FOR USE WITH MIFAB® INTERCEPTOR | NO HUB PIPE CONNECTION SIZE | ORIFICE SIZE | VENT CONNECTION SIZE |
| FLC-T-1 | Lil-7 | 2" (52) | .500" (13) | 2" (52) |
| FLC-T-2 | Lil-10 | 2" (52) | .656" (16) | 2" (52) |
| FLC-T-3 | Lil-15 | 2" (52) | .750" (19) | 2" (52) |
| FLC-T-4 | Lil-20 | 3" (75) | 1.000" (25) | 2" (52) |
| FLC-T-5 | Lil-25 | 3" (75) | 1.250" (31) | 2" (52) |
| FLC-T-6 | Lil-35 | 3" (75) | 1.250" (31) | 2" (52) |
| FLC-T-7 | Lil-50 | 3" (75) | 2" (52) | 2" (52) |
| FLCT-XL-0 | BIG-750 | 4" (102) | 2" (52) | 2" (52) |
| FLCT-XL-1 | BIG-1150 | 4" (102) | 2.250" (57) | 2" (52) |

**Installation Diagrams**

Figures A2.5.1 through A2.5.5 are included to illustrate various grease interceptor installations normally encountered in domestic, commercial and institutional systems. These figures will serve as a guide to practical application of grease interceptors.

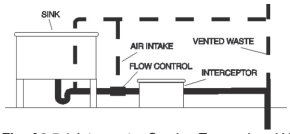



**Fig. A2.5.1** Interceptor Serving Trapped and Vented Sink - Flow Control Air Intake Intersects Vent

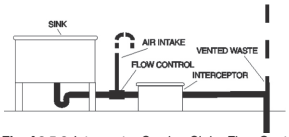



**Fig. A2.5.2** Interceptor Serving Sink - Flow Control Air Intake Terminates in a Return Bend Above Flood Level

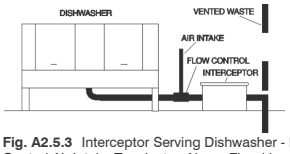



**Fig. A2.5.3** Interceptor Serving Dishwasher - Flow Control Air Intake Terminates Above Flood Level

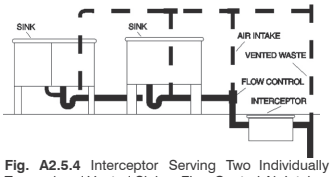
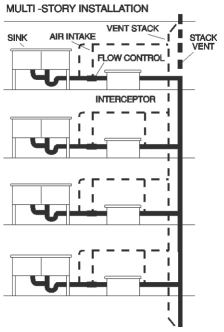



**Fig. A2.5.4** Interceptor Serving Two Individually Trapped and Vented Sinks - Flow Control Air Intake Intersects Vent

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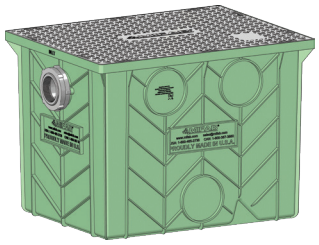
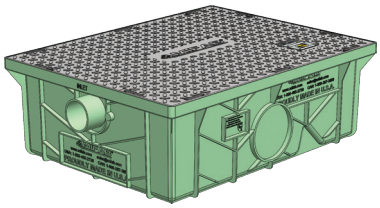
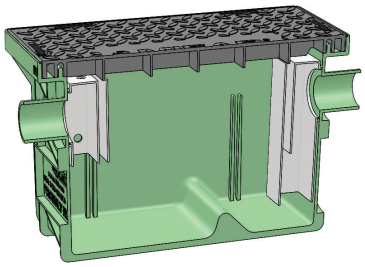


Lil-50-T with threaded connections

# Lil Max® 7-50 GPM H.D.P.E. Interceptors



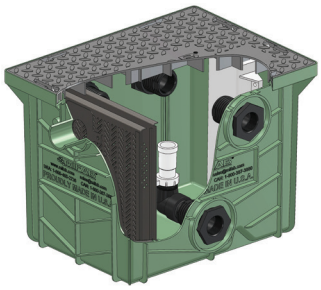
Lil-25-LP - low profile grease interceptor (Page # 26)



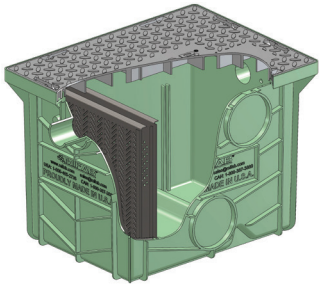
**GREASE** (Page # 28)

*"As someone representing their products, MIFAB makes me feel like they are in the trenches with me. They are a partner who understands and supports us."*

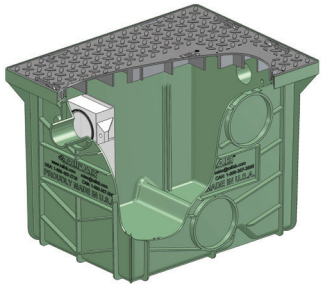
– Tom Babcock of Kast Marketing, Chicago, IL



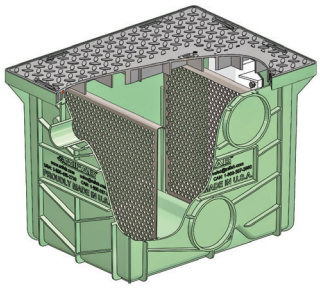
**OIL** (Page # 29)



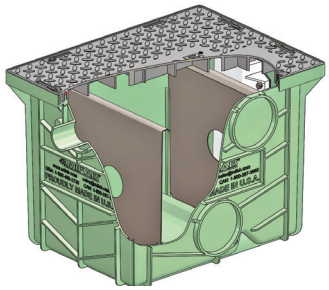
**SOLIDS** (Page # 30)



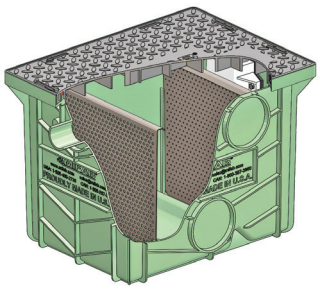
**PLASTER** (Page # 31)



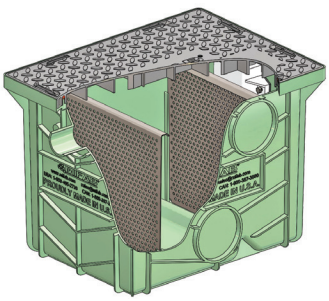
**LINT** (Page # 32)



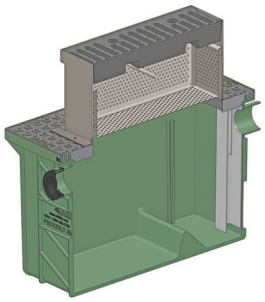
**SAND** (Page # 33)



**FISH SCALE** (Page # 34)



**RICE** (Page # 35)



**OIL / SEDIMENT** (Page # 36)

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



**MIFAB®**, Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA
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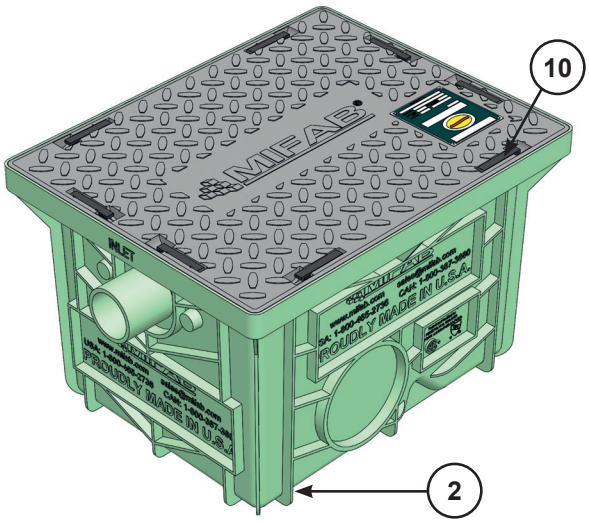
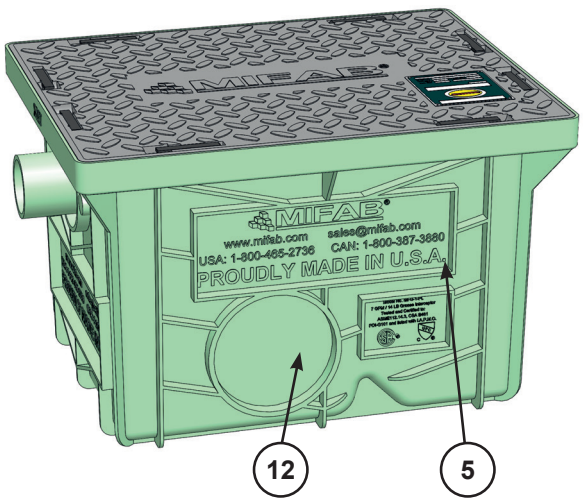
**USA Toll Free: 1-800-465-2736 • Fax: 1-773-341-3049**
**Canada Toll Free: 1-800-387-3880 • sales@mifab.com**

Lil Max® 7-50 GPM H.D.P.E. Interceptors




Lil Max® 7-50 GPM H.D.P.E. Interceptors




3

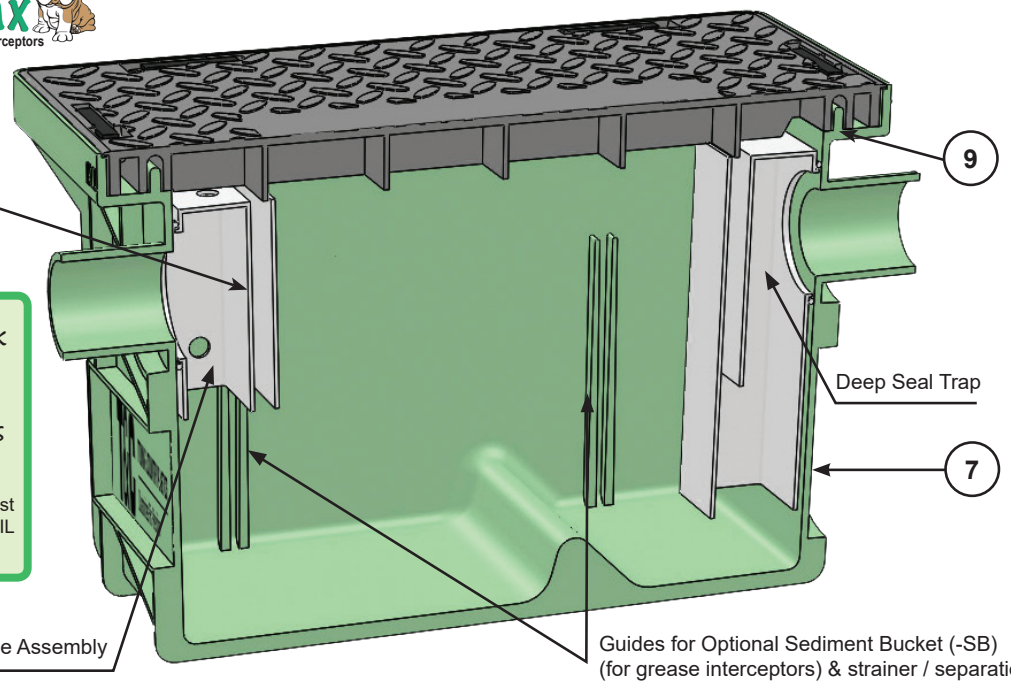
ASME SETTING THE STANDARD

PDI PLUMBING AND DRAINAGE INSTITUTE CERTIFIED

UPC

CSA

Lil Max® 7-50 GPM H.D.P.E. Interceptors




6

Limited Lifetime Warranty

1

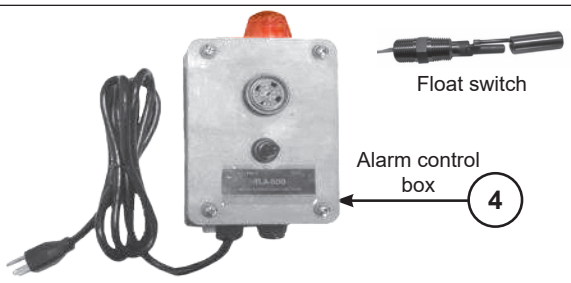
No Hub flow control fitting

"When I work with MIFAB, I know that we are in this together."

– Tom Babcock of Kast Marketing, Chicago, IL

8

All Lil Max interceptors can be shipped via UPS / Fedex




High Level Alarm Illustrated (Specify suffix -HLA)

5

Made in U.S.A.

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



Design and dimensions are subject to modification. Prices do not include applicable taxes. Visit www.mifab.com for the most recent product information.

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**USA Toll Free: 1-800-465-2736 • Fax: 1-773-341-3049**
**Canada Toll Free: 1-800-387-3880 • sales@mifab.com**

All sales subject to MIFAB's® Terms and Warranties. Please refer to inside front cover.

1. ***External Vented Flow Control Fitting***
All of MIFAB®'s PDI approved grease interceptors are supplied with an external, vented flow control fitting. Studies have proven that the use of an external, vented flow control fitting results in more effective grease interception because of the air introduced into the drain line through the vent in the top of the flow control fitting. As this air enters the interceptor, grease coats the resulting air bubbles and increases the efficiency of the grease rising to the surface.

2. ***Structural Integrity***
Ribbed body design provides extra structural integrity for in ground installations. The body is manufactured in the USA out of a seamless, injection molded high density polyethylene (H.D.P.E.) with a 3/8" uniform wall thickness. The body is strong but lightweight, allowing it to be installed without the need of a backhoe or crane. All Lil Max interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.

3. ***Approvals***
All eight of the Lil Max® plastic grease interceptors are tested and certified to the PDI G-101, ASME A112.14.3, and CSA B481 Standards and listed with I.A.P.M.O. Lil Max grease interceptors are also in compliance with International Plumbing Code (I.P.C.) / I.C.C. by I.A.P.M.O.

4. ***Options and Accessories***
MIFAB®'s 37 years of experience with grease interceptors provides us with a superior knowledge of options and accessories often required with grease interceptors. We can expertly provide any of the following options: dosing pump, enzyme port, high level alarm, multiple inlet and outlet ports, sediment bucket and threaded connections.

5. ***Made in the USA***
MIFAB®'s plastic grease and oil interceptors are made in the United States of America and meet the requirements of the Buy American Act.

6. ***Lifetime Warranty***
MIFAB® offers a limited lifetime warranty on all of our plastic grease and oil interceptors.

7. ***Lightweight***
MIFAB®'s Lil Max® plastic grease interceptors are injection molded with Polypropylene material. They weigh significantly less than steel grease interceptors and therefore are much easier to handle and install.

8. ***Individually Boxed Interceptors***
Every Lil Max® plastic grease interceptor is shipped to you in its own cardboard box for easy handling and protection of the product during shipping and handling. All Lil Max interceptors can be shipped via UPS / Fedex.

9. ***Sealed Lid***
The lid sealing gasket is located within the underside of the lid – not in the top of the interceptor. This prevents tearing and wear on the gasket and provides a more secure seal to minimize odors.

10. ***Easy to Remove Lid***
The latches securing the lid to the body are easy to open and are made with an extra wide finger access area. No tools are required to open the lid of the Lil Max® interceptors.

11. ***Easy to Clean***
The internal baffle can be easily removed and the lid covers the entire open area of the inside of the interceptor for complete and unrestricted access to the interior of the interceptor for cleaning.

12. ***Modularity***
The Lil Max® interceptors can be converted at the MIFAB® factory into oil interceptors with the oil draw off and vent connections for applications that require oil interceptors. Lil Max can also be converted into solids, plaster, lint, rice and fish scale interceptors.

* ***Complete Range of Sizes***
The Lil Max® grease interceptors are available in 7, 10, 15, 20, 25, 35 and 50 GPM sizes in addition to a 25 GPM low profile model. The 10 through 50 GPM models are also available as oil, solids, plaster, lint, sand, oil / sediment, fish scale and rice interceptors.

* ***Strong Lid***
Weight load capacity of 350 lbs.

Made in U.S.A.

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

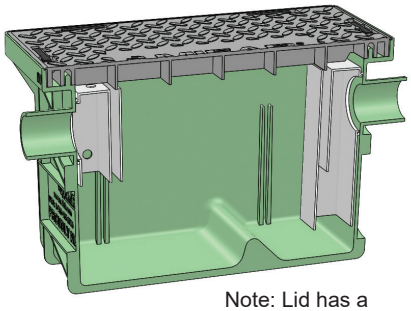
**Specification:** MIFAB® Series Lil-(specify size) HDPE injection molded hydromechanical grease interceptor with flow rating of ____ (indicate) and grease holding capacity of ____ (indicate). Unit shall include: removable baffle assembly, deep seal trap covered by lid, sewer gas stopper, securing latches, external vented flow control fitting, internal air relief by pass, HDPE injection molded, non skid, rectangular gasketed lid(s). Interceptor shall be tested and certified to the P.D.I. Standard PDI-G101, CSA B481, A.S.M.E. A112.14.3 and listed with I.A.P.M.O. Lil Max grease interceptors are also in compliance with International Plumbing Code (I.P.C.) / I.C.C. by I.A.P.M.O.

**Function:** Used in restaurants, kitchens, institutions and other types of food processing areas where fat, oil and grease (FOG) drains with the waste water. External flow control fitting must be installed according to manufacturer's instructions to control rate of flow into the interceptor and therefore, the operating efficiency. Interceptor may be installed on the ground, semi recessed or flush with the floor. Simple latch lid design permits fast and easy removal of the lid for cleaning and maintenance. HDPE injection molded body and lid is covered by a limited lifetime warranty. Sewer gas stopper prevents foul odors from entering the kitchen area through the interceptor. All Lil Max interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.

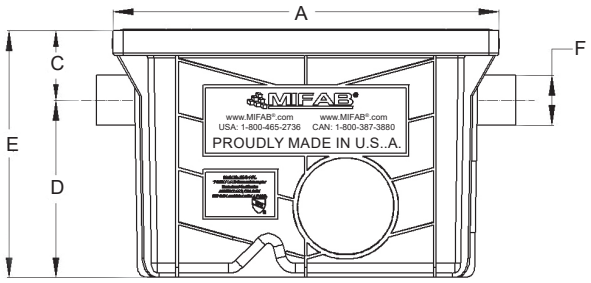
Lil Max® 7-50 GPM H.D.P.E. Interceptors

"It is great to work with MIFAB, with support and technical assistance close at hand."

–Kevin Wood, Suppa Engineering, North Bay, Ontario, Canada



Note: Lid has a 350 lb. load capacity




ASME SETTING THE STANDARD | PDI CERTIFIED PLUMBING AND DRAINAGE INSTITUTE | UPC | CSA

| MODEL NO. | FLOW RATE (GPM) | GREASE CAP. (LBS.) per PDI | LIQUID CAP. (Gallons) | GREASE DESIGN CAPACITY (Lbs.) | A (IN) | B (IN) WIDTH | C (IN) | D (IN) | E (IN) | F (IN) | Shipping Weight (lbs.) (in box) | Box Dimensions (L x W x H) | List Price |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lil-7** | 7 | 14 | 5.8 | 43 | 19.5 | 15.5 | 3.5 | 9 | 12.5 | 2 | 16 | 22" x 16" x 13" | **$430.00** |
| **Lil-10** | 10 | 20 | 8.5 | 48 | 23 | 17.5 | 3.5 | 9.75 | 13.25 | 2 | 25 | 25" x 18" x 14" | **$462.00** |
| **Lil-15** | 15 | 30 | 13 | 57 | 23 | 17.5 | 3.5 | 13.25 | 16.75 | 2 | 28 | 25" x 18" x 17.5" | **$525.00** |
| **Lil-20** | 20 | 40 | 16 | 84 | 29.5 | 20.5 | 3.5 | 10.75 | 14.25 | 3 | 36 | 32" x 21" x 15" | **$672.00** |
| **Lil-25** | 25 | 50 | 23 | 91 | 29.5 | 20.5 | 3.5 | 14.75 | 18.25 | 3 | 39 | 32" x 21" x 19" | **$700.00** |
| **Lil-35** | 35 | 70 | 39 | 130 | 33 | 25.5 | 5.5 | 16.75 | 22.25 | 3 | 52 | 35" x 26" x 23" | **$1,000.00** |
| **Lil-50** | 50 | 100 | 44 | 140 | 33 | 25.5 | 5.5 | 18.75 | 24.25 | 3 | 66 | 35" x 26" x 25" | **$1,290.00** |
| **Lil-25-LP** | 25 | 50 | 19 | 85 | 33 | 25.5 | 3.5 | 7 1/2" | 11" | 3 | 43 | 35" x 26" x 13" | **$960.00** |

| SUFFIX | OPTIONAL VARIATIONS | LIST PRICE |
|---|---|---|
| **-C** | Extension "C" as required (up to 9" increments) (for models Lil-20 and Lil-25) (contact MIFAB® for other model extensions) | **$350.00** |
| **-C** | Extension "C" as required (up to 9" increments) (for models Lil-35, Lil-50 and Lil-25-LP) | **$400.00** |
| **-DP** | Dosing Pump | **$812.00** |
| **-EP** | Enzyme port | **$63.00** |
| **-F** | Connection sizes different from standard (specify size) (by using a MIFAB MI-HUB increasing / reducing coupling). | **$60.00** |
| **-HD** | Heavy duty 10 gauge steel lid (up to 2,000 lbs.) - see MI-CS cover shrouds from the MPB price book | **(see MPB book)** |
| **-HLA** | High level alarm and float switch (to be installed on site) | **$940.00** |
| **-LHSI** | No hub inlet on left hand side (not available with sediment bucket) | **$60.00** |
| **-OP** | Internal flow control (does not meet PDI Standards) | **$60.00** |
| **-POK** | Remote pump out kit | **$396.00** |
| **-RHSI** | No hub inlet on right hand side (not available with sediment bucket) | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | **$110.00, each** |
| **-SB** | Sediment bucket for Lil-7 | **$260.00** |
| **-SB** | Sediment bucket for Lil-10 | **$280.00** |
| **-SB** | Sediment bucket for Lil-15 | **$300.00** |
| **-SB** | Sediment bucket for Lil-20 | **$315.00** |
| **-SB** | Sediment bucket for Lil-25 | **$340.00** |
| **-SB** | Sediment bucket for Lil-35 | **$350.00** |
| **-SB** | Sediment bucket for Lil-50 | **$365.00** |
| **-SB** | Sediment bucket for Lil-25-LP | **$265.00** |
| **-SP-IN** | External Sampling Port - inline (part # Lil-SP) | **$217.00** |
| **-SP-OF** | External Sampling Port - offset (part # Lil-SP-OF) | **$217.00** |
| **-T** | Female threaded connections | **$125.00** |

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**Canada Toll Free: 1-800-387-3880 • sales@mifab.com**

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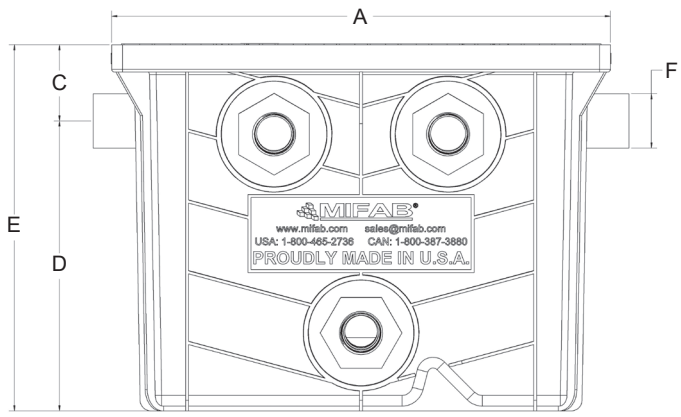
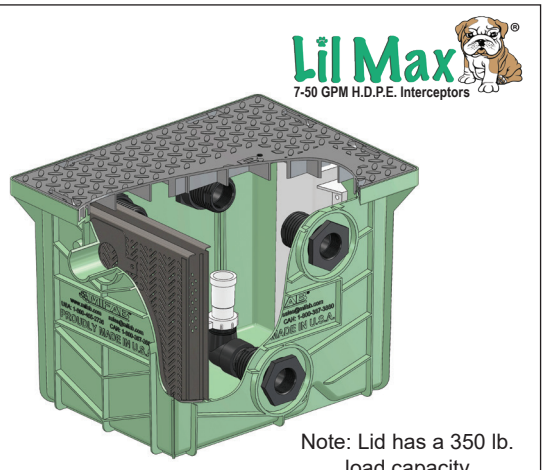
**Specification:** MIFAB® Series Lil-(specify size)-O HDPE injection molded oil interceptor with flow rating of ____ (indicate) and oil storage holding capacity of _____ (indicate). Unit shall include: sediment bucket (1/4" diameter holes) with perforated baffle (3/8" x 1 1/4" slots) near inlet, deep seal trap covered by lid, sewer gas stopper, securing latches, stainless steel calibrated orifice plate, internal air relief by-pass, adjustable automatic draw-off assembly, double vent connection on each side, and HDPE injection molded, non skid, rectangular gasketed lid(s).

**Function:** Oil interceptors are required anywhere oil and sand may be introduced to the public sewer system in applications such as: repair garages, oil change stations, car wash facilities, parking garages, parking lots, hydraulic elevator pits and facilities where oil and flammable liquid waste are produced as a result of manufacturing, storage, maintenance, repair or testing processes. The interceptor collects the oil before it is drained to an adjacent storage tank through an adjustable draw off system. Sediment and debris are collected inside of the internal sediment bucket. Regular maintenance is required to keep the interceptor functioning. Interceptor may be installed on the ground, semi recessed or flush with the floor. Sewer gas stopper prevents foul odors from entering the facility through the interceptor. Simple latch design permits fast and easy removal of the lid for cleaning and maintenance. HDPE injection molded body and lid are covered by a limited lifetime warranty. All Lil Max interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.




Note: Lid has a 350 lb. load capacity

| MODEL NO. | FLOW RATE (GPM) | OIL STORAGE HOLDING CAPACITY (U.S.G.) | A (IN) | B (IN) WIDTH | C (IN) | D (IN) | E (IN) | F (IN) | Shipping Weight (lbs.) (in box) | Box Dimensions (L x W x H) | List Price (Oil Interceptor) | List Price (Holding Tank) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lil-10-O** | 10 | 9.73 | 23 | 17.5 | 3.5 | 9.75 | 13.25 | 2 | 30 | 25" x 18" x 14" | **$1,100.00** | **$1,000.00** |
| **Lil-15-O** | 15 | 13.59 | 23 | 17.5 | 3.5 | 13.25 | 16.75 | 2 | 33 | 25" x 18" x 17.5" | **$1,200.00** | **$1,100.00** |
| **Lil-20-O** | 20 | 20.07 | 29.5 | 20.5 | 3.5 | 10.75 | 14.25 | 3 | 41 | 32" x 21" x 15" | **$1,400.00** | **$1,300.00** |
| **Lil-25-O** | 25 | 55.15 | 29.5 | 20.5 | 3.5 | 14.75 | 18.25 | 3 | 44 | 32" x 21" x 19" | **$1,500.00** | **$1,400.00** |
| **Lil-35-O** | 35 | 74.67 | 33 | 25.5 | 5.5 | 16.75 | 22.25 | 3 | 57 | 35" x 26" x 23" | **$1,980.00** | **$1,880.00** |
| **Lil-50-O** | 50 | 80.76 | 33 | 25.5 | 5.5 | 18.75 | 24.25 | 3 | 71 | 35" x 26" x 25" | **$2,300.00** | **$2,200.00** |

| SUFFIX | OPTIONAL VARIATIONS | LIST PRICE |
|---|---|---|
| **-C** | Extension "C" as required (up to 9" increments) (for models Lil-20-O and Lil-25-O) (contact MIFAB for other model extensions) | **$350.00** |
| **-C** | Extension "C" as required (up to 9" increments) (for models Lil-35-O and Lil-50-O) | **$400.00** |
| **-F** | Connection sizes different from standard (specify size) (by using a MIFAB MI-HUB increasing / reducing coupling). | **$63.00** |
| **-FLC** | External, vented flow control fitting | **$60.00** |
| **-HD** | Heavy duty 10 gauge steel lid (up to 2,000 lbs.) - see MI-CS cover shrouds from the MPB price book | **(see MPB book)** |
| **-HLA** | High level alarm and float switch (to be installed on site) | **$940.00** |
| **-HT** | Holding Tank | **(See above)** |
| **-LHSI** | No hub inlet on left hand side (not available with sediment bucket) | **$60.00** |
| **-POK** | Remote pump out kit | **$396.00** |
| **-RHSI** | No hub inlet on right hand side (not available with sediment bucket) | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | **$110.00, each** |
| **-SP-IN** | External Sampling Port - inline (part # Lil-SP) | **$217.00** |
| **-SP-OF** | External Sampling Port - offset (part # Lil-SP-OF) | **$217.00** |
| **-T** | Female threaded connections | **$125.00** |

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

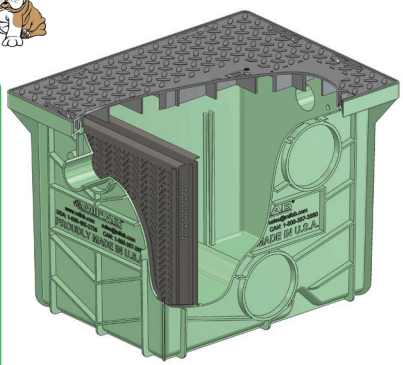
**Specification:** MIFAB® Lil-(specify size)-S HDPE injection molded solids interceptor with flow rating of ____ (indicate) and solids storage holding capacity of _____ (indicate). Unit shall include: internal perforated sediment bucket (1/4" diameter holes) with coarse screen, baffle assembly (3/8" x 1 1/4" slots) and HDPE injection molded, non skid, rectangular gasketed lid with securing latches.

**Function:** Solids interceptors are required anywhere that solids may be introduced into the public sewer system in applications such as: barber shops, dentist offices, salons, artist studios, laundry facilities, machine shops, food waste, parking lots, car washes, food processing, livestock and agricultural drainage. These wastes must be separated before entering the sewer system.
Typically installed between the grease interceptor and the fixtures served either on or recessed in the floor. The solids interceptor will filter out solids and sediment from the fixture waste line before entering the related grease interceptor to reduce clogging and improve performance. Interceptor is cleaned by removing top access gasketed lid and accessing the internal sediment bucket.
Simple latch design permits fast and easy removal of the lid for cleaning and maintenance. HDPE injection molded body and lid are covered by a limited lifetime warranty. All Lil Max interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.

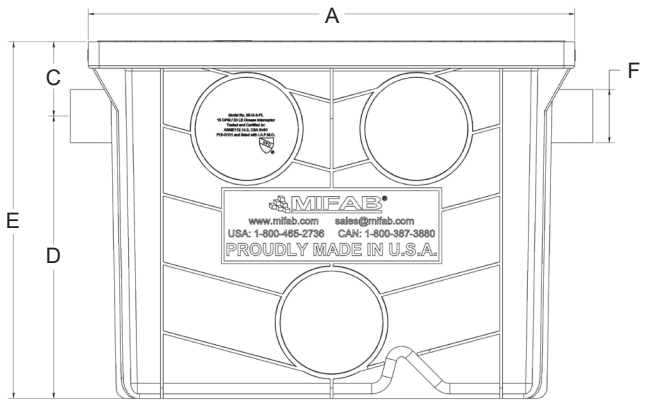
Lil Max 7-50 GPM H.D.P.E. Interceptors

*"MIFAB wants to be a leader. To achieve this they continue to innovate and find new products."*

– Tom Babcock of Kast Marketing, Chicago, IL



Note: Lid has a 350 lb. load capacity




| MODEL NO. | FLOW RATE (GPM) | SOLIDS STORAGE HOLDING CAPACITY (Cu. Ft.) | A (IN) | B (IN) WIDTH | C (IN) | D (IN) | E (IN) | F (IN) | Shipping Weight (lbs.) (in box) | Box Dimensions (L x W x H) | List Price |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lil-7-S** | 7 | 0.955 | 19.5 | 15.5 | 3.5 | 9 | 12.5 | 2 | 21 | 22" x 16" x 13" | **$900.00** |
| **Lil-10-S** | 10 | 1.468 | 23 | 17.5 | 3.5 | 9.75 | 13.25 | 2 | 30 | 25" x 18" x 14" | **$1,000.00** |
| **Lil-15-S** | 15 | 2.056 | 23 | 17.5 | 3.5 | 13.25 | 16.75 | 2 | 33 | 25" x 18" x 17.5" | **$1,100.00** |
| **Lil-20-S** | 20 | 2.482 | 29.5 | 20.5 | 3.5 | 10.75 | 14.25 | 3 | 41 | 32" x 21" x 15" | **$1,500.00** |
| **Lil-25-S** | 25 | 3.556 | 29.5 | 20.5 | 3.5 | 14.75 | 18.25 | 3 | 44 | 32" x 21" x 19" | **$1,600.00** |
| **Lil-35-S** | 35 | 5.957 | 33 | 25.5 | 5.5 | 16.75 | 22.25 | 3 | 57 | 35" x 26" x 23" | **$1,900.00** |
| **Lil-50-S** | 50 | 6.738 | 33 | 25.5 | 5.5 | 18.75 | 24.25 | 3 | 71 | 35" x 26" x 25" | **$2,700.00** |

| SUFFIX | OPTIONAL VARIATIONS | LIST PRICE |
|---|---|---|
| **-C** | Extension "C" as required (up to 9" increments) (for models Lil-20-S and Lil-25-S) (contact MIFAB for other model extensions) | **$350.00** |
| **-C** | Extension "C" as required (up to 9" increments) (for models Lil-35-S and Lil-50-S) | **$400.00** |
| **-F** | Connection sizes different from standard (specify size) (by using a MIFAB MI-HUB increasing / reducing coupling). | **$63.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-7-S | **$300.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-10-S | **$375.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-15-S | **$415.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-20-S | **$460.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-25-S | **$510.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-35-S | **$550.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-50-S | **$600.00** |
| **-HD** | Heavy duty 10 gauge steel lid (up to 2,000 lbs.) - see MI-CS cover shrouds from the MPB price book | **(see MPB book)** |
| **-LHSI** | No hub inlet on left hand side (not available with sediment bucket) | **$60.00** |
| **-RHSI** | No hub inlet on right hand side (not available with sediment bucket) | **$60.00** |
| **-SP-IN** | External Sampling Port - inline (part # Lil-SP) | **$217.00** |
| **-SP-OF** | External Sampling Port - offset (part # Lil-SP-OF) | **$217.00** |
| **-T** | Female threaded connections | **$125.00** |

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



Design and dimensions are subject to modification. Prices do not include applicable taxes. Visit www.mifab.com for the most recent product information.

**MIFAB®**, Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA
**USA Toll Free: 1-800-465-2736 • Fax: 1-773-341-3049**
**Canada Toll Free: 1-800-387-3880 • sales@mifab.com**

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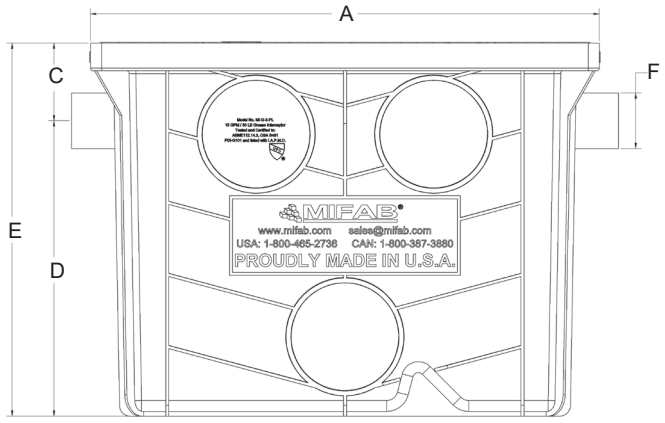
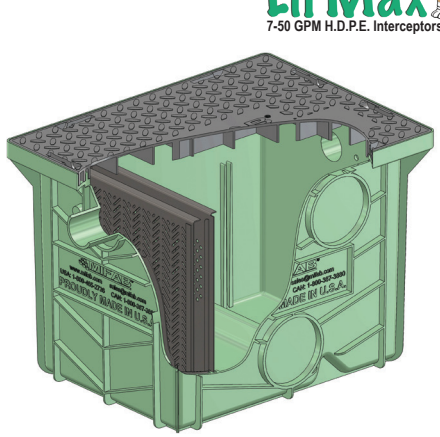
**Specification:** MIFAB® Lil-(specify size)-PL HDPE injection molded plaster interceptor with flow rating of ____ (indicate) and solids storage holding capacity of ____ (indicate). Unit shall include: two internal straining baffles (first one has 3/8" x 1.25" long slots and the second one has 1/4" diameter holes spaced 1/2" apart, and HDPE injection molded, non skid, rectangular gasketed lid with securing latches.

**Function:** Plaster interceptors are required anywhere that solids may be introduced into the public sewer system in applications such as: barber shops, dentist offices, salons, artist studios, laundry facilities, machine shops, food waste, parking lots, car washes, food processing, livestock and agricultural drainage. These wastes must be separated before entering the sewer system.Typically installed either on or recessed in the floor. The plaster interceptor will filter out plaster and sediment from the fixture waste line before entering the pipe system to reduce clogging and improve performance. Interceptor is cleaned by removing the top gasketed lid and accessing the internal sediment bucket. Simple latch design permits fast and easy removal of the lid for cleaning and maintenance. HDPE injection molded body and lid are covered by a limited lifetime warranty. All Lil Max interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.




Note: Lid has a 350 lb. load capacity

| MODEL NO. | FLOW RATE (GPM) | SOLIDS STORAGE HOLDING CAPACITY (Cu. Ft.) | A (IN) | B (IN) WIDTH | C (IN) | D (IN) | E (IN) | F (IN) | Shipping Weight (lbs.) (in box) | Box Dimensions (L x W x H) | List Price |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lil-7-PL** | 7 | 0.955 | 19.5 | 15.5 | 3.5 | 9 | 12.5 | 2 | 21 | 22" x 16" x 13" | **$900.00** |
| **Lil-15-PL** | 15 | 2.056 | 23 | 17.5 | 3.5 | 9.75 | 13.25 | 2 | 33 | 25" x 18" x 17.5" | **$1,100.00** |

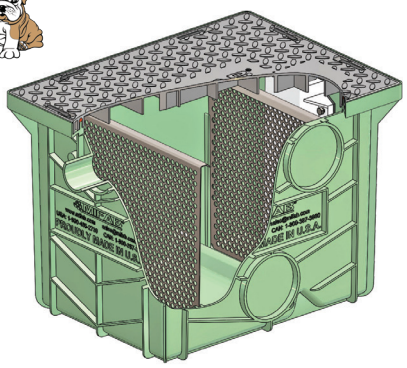
| SUFFIX | OPTIONAL VARIATIONS | LIST PRICE |
|---|---|---|
| **-F** | Connection sizes different from standard (specify size) (by using a MIFAB MI-HUB increasing / reducing coupling). | **$63.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-7-PL | **$100.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-15-PL | **$150.00** |
| **-HD** | Heavy duty 10 gauge steel lid (up to 2,000 lbs.) - see MI-CS cover shrouds from the MPB price book | **(See MPB book)** |
| **-LHSI** | No hub inlet on left hand side (not available with sediment bucket) | **$60.00** |
| **-RHSI** | No hub inlet on right hand side (not available with sediment bucket) | **$60.00** |
| **-SP-IN** | External Sampling Port - inline (part # Lil-SP) | **$217.00** |
| **-SP-OF** | External Sampling Port - offset (part # Lil-SP-OF) | **$217.00** |
| **-T** | Female threaded connections | **$125.00** |

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**Specification:** MIFAB® Series Lil-(specify size)-L HDPE injection molded lint interceptor with flow rating of ____ (indicate) and liquid holding capacity of ____ (indicate). Unit shall include: two internal straining baffles with 3/8" diameter holes spaced 1/2" apart, internal deep seal trap, and HDPE injection molded, non skid, rectangular gasketed lid with securing latches.

**Function:** Used in maintenance facilities to receive waste water that contains lint. Typically installed either on or recessed in the floor. Regular maintenance is required to keep the interceptor functioning. The lint interceptor will filter out lint and sediment from the fixture waste line before entering the pipe system to reduce clogging. Interceptor is cleaned by removing the top gasketed lid and accessing the internal straining baffle. Simple latch design permits fast and easy removal of the lid for cleaning and maintenance. HDPE injection molded body and lid are covered by a limited lifetime warranty. All Lil Max interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.

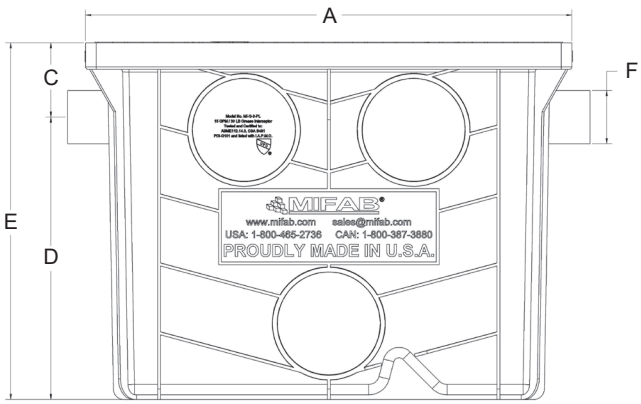
Lil Max® 7-50 GPM H.D.P.E. Interceptors



"They have high quality products."

– Joe Ficek of Grumman Butkus, Consulting Engineers, Chicago, IL

Note: Lid has a 350 lb. load capacity




| MODEL NO. | FLOW RATE (GPM) | LIQUID HOLDING CAPACITY(U.S.G.) | A (IN) | B (IN) WIDTH | C (IN) | D (IN) | E (IN) | F (IN) | Shipping Weight (lbs.) (in box) | Box Dimensions (L x W x H) | List Price |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lil-7-L** | 7 | 7.14 | 19.5 | 15.5 | 3.5 | 9 | 12.5 | 2 | 21 | 22" x 16" x 13" | **$900.00** |
| **Lil-10-L** | 10 | 10.99 | 23 | 17.5 | 3.5 | 9.75 | 13.25 | 2 | 30 | 25" x 18" x 14" | **$1,000.00** |
| **Lil-15-L** | 15 | 19.77 | 23 | 17.5 | 3.5 | 13.25 | 16.75 | 2 | 33 | 25" x 18" x 17.5" | **$1,100.00** |
| **Lil-20-L** | 20 | 18.57 | 29.5 | 20.5 | 3.5 | 10.75 | 14.25 | 3 | 41 | 32" x 21" x 15" | **$1,500.00** |
| **Lil-25-L** | 25 | 26.60 | 29.5 | 20.5 | 3.5 | 14.75 | 18.25 | 3 | 44 | 32" x 21" x 19" | **$1,600.00** |
| **Lil-35-L** | 35 | 44.56 | 33 | 25.5 | 5.5 | 16.75 | 22.25 | 3 | 57 | 35" x 26" x 23" | **$1,900.00** |
| **Lil-50-L** | 50 | 50.41 | 33 | 25.5 | 5.5 | 18.75 | 24.25 | 3 | 71 | 35" x 26" x 25" | **$2,700.00** |

| SUFFIX | OPTIONAL VARIATIONS | LIST PRICE |
|---|---|---|
| **-C** | Extension "C" as required (up to 9" increments) (for models Lil-20-L and Lil-25-L) (contact MIFAB for other model extensions) | **$350.00** |
| **-C** | Extension "C" as required (up to 9" increments) (for models Lil-35-L and Lil-50-L) | **$400.00** |
| **-F** | Connection sizes different from standard (specify size) (by using a MIFAB MI-HUB increasing / reducing coupling). | **$63.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-7-L | **$300.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-10-L | **$375.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-15-L | **$415.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-20-L | **$460.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-25-L | **$510.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-35-L | **$550.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-50-L | **$600.00** |
| **-HD** | Heavy duty 10 gauge steel lid (up to 2,000 lbs.) - see MI-CS cover shrouds from the MPB price book | **(see MPB book)** |
| **-LHSI** | No hub inlet on left hand side (not available with sediment bucket) | **$60.00** |
| **-RHSI** | No hub inlet on right hand side (not available with sediment bucket) | **$60.00** |
| **-SP-IN** | External Sampling Port - inline (part # Lil-SP) | **$217.00** |
| **-SP-OF** | External Sampling Port - offset (part # Lil-SP-OF) | **$217.00** |
| **-T** | Female threaded connections | **$125.00** |

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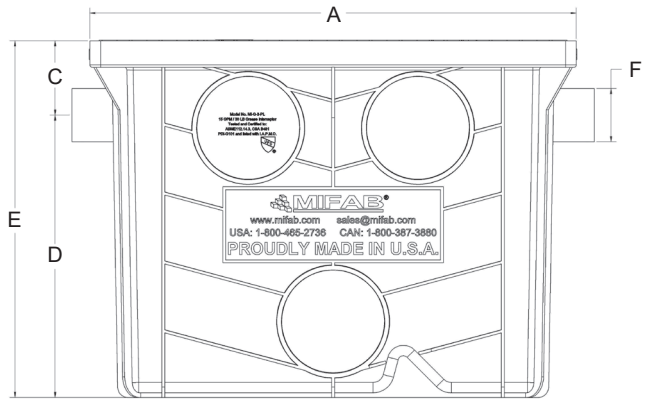
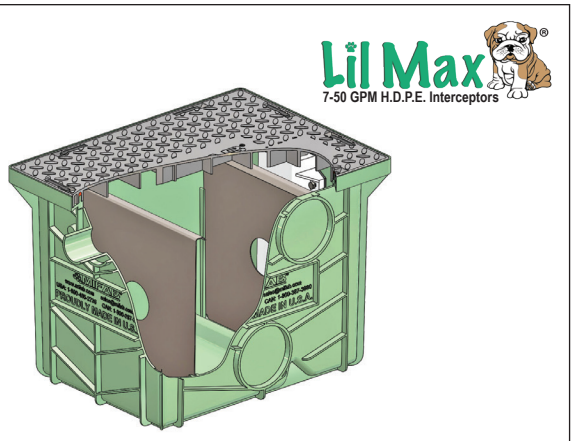
**Specification:** MIFAB® Series Lil-(specify size)-SA HDPE injection molded sand interceptor with flow rating of ____ (indicate) and liquid holding capacity of ____ (indicate). Unit shall include: two internal sand separation baffles with 3" diameter holes, internal deep seal trap and HDPE injection molded, non skid, rectangular gasketed lid with securing latches.

**Function:** Used in maintenance facilities to receive waste water that contains sand and sediment. Sediment and sand are collected inside of the interceptor. Typically installed either on or recessed in the floor. Regular maintenance is required to keep the interceptor functioning. The sand interceptor will filter out sand and sediment from the fixture waste line before entering the pipe system to reduce clogging. Interceptor is cleaned by removing the top gasketed lid and accessing the internal straining baffle. Simple latch design permits fast and easy removal of the lid for cleaning and maintenance. HDPE injection molded body and lid are covered by a limited lifetime warranty. All Lil Max interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.




Note: Lid has a 350 lb. load capacity

| MODEL NO. | FLOW RATE (GPM) | LIQUID HOLDING CAPACITY (U.S.G.) | A (IN) | B (IN) WIDTH | C (IN) | D (IN) | E (IN) | F (IN) | Shipping Weight (lbs.) (in box) | Box Dimensions (L x W x H) | List Price |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lil-7-SA** | 7 | 7.14 | 19.5 | 15.5 | 3.5 | 9 | 12.5 | 2 | 21 | 22" x 16" x 13" | **$900.00** |
| **Lil-10-SA** | 10 | 10.99 | 23 | 17.5 | 3.5 | 9.75 | 13.25 | 2 | 30 | 25" x 18" x 14" | **$1,000.00** |
| **Lil-15-SA** | 15 | 19.77 | 23 | 17.5 | 3.5 | 13.25 | 16.75 | 2 | 33 | 25" x 18" x 17.5" | **$1,100.00** |
| **Lil-20-SA** | 20 | 18.57 | 29.5 | 20.5 | 3.5 | 10.75 | 14.25 | 3 | 41 | 32" x 21" x 15" | **$1,500.00** |
| **Lil-25-SA** | 25 | 26.60 | 29.5 | 20.5 | 3.5 | 14.75 | 18.25 | 3 | 44 | 32" x 21" x 19" | **$1,600.00** |
| **Lil-35-SA** | 35 | 44.56 | 33 | 25.5 | 5.5 | 16.75 | 22.25 | 3 | 57 | 35" x 26" x 23" | **$1,900.00** |
| **Lil-50-SA** | 50 | 50.41 | 33 | 25.5 | 5.5 | 18.75 | 24.25 | 3 | 71 | 35" x 26" x 25" | **$2,700.00** |

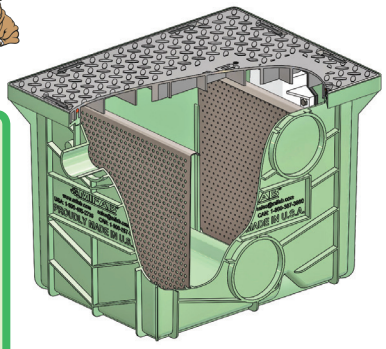
| SUFFIX | OPTIONAL VARIATIONS | LIST PRICE |
|---|---|---|
| **-C** | Extension "C" as required (up to 9" increments) (for models Lil-20-SA and Lil-25-SA) (contact MIFAB for other model extensions) | **$350.00** |
| **-C** | Extension "C" as required (up to 9" increments) (for models Lil-35-SA and Lil-50-SA) | **$400.00** |
| **-F** | Connection sizes different from standard (specify size) (by using a MIFAB MI-HUB increasing / reducing coupling). | **$63.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-7-SA | **$300.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-10-SA | **$375.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-15-SA | **$415.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-20-SA | **$460.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-25-SA | **$510.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-35-SA | **$550.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-50-SA | **$600.00** |
| **-HD** | Heavy duty 10 gauge steel lid (up to 2,000 lbs.) - see MI-CS cover shrouds from the MPB price book | **(see MPB book)** |
| **-LHSI** | No hub inlet on left hand side (not available with sediment bucket) | **$60.00** |
| **-RHSI** | No hub inlet on right hand side (not available with sediment bucket) | **$60.00** |
| **-SP-IN** | External Sampling Port - inline (part # Lil-SP) | **$217.00** |
| **-SP-OF** | External Sampling Port - offset (part # Lil-SP-OF) | **$217.00** |
| **-T** | Female threaded connections | **$125.00** |

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**Specification:** MIFAB® Series Lil-(specify size)-F HDPE injection molded fish scale interceptor with flow rating of ____ (indicate) and liquid holding capacity of ____ (indicate). Unit shall include: two internal straining baffles (first one with 1/4" diameter holes and second one with 1/8" diameter holes - both spaced 1/2" apart, internal deep seal trap and HDPE injection molded, non skid, rectangular gasketed lid with securing latches.

**Function:** Used in facilities to receive waste water that contains fish scales. Typically installed either on or recessed in the floor. Regular maintenance is required to keep the interceptor functioning. The fish scale interceptor will filter out fish scales and sediment from the fixture waste line before entering the pipe system to reduce clogging. Interceptor is cleaned by removing the top gasketed lid and accessing the internal straining baffle. Simple latch design permits fast and easy removal of the lid for cleaning and maintenance. HDPE injection molded body and lid are covered by a limited lifetime warranty. All Lil Max interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.

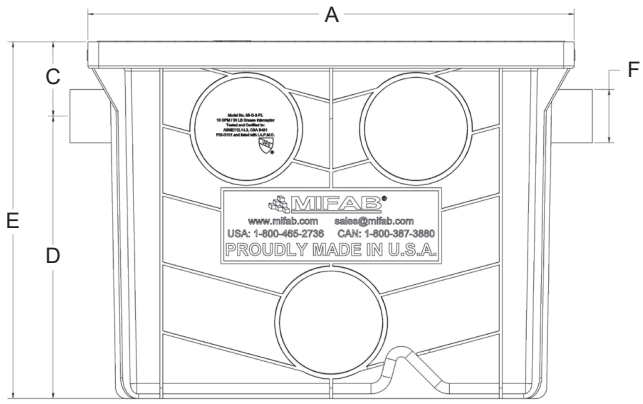
Lil Max® 7-50 GPM H.D.P.E. Interceptors



"MIFAB is always striving to improve and face challenges in the field. They are always supportive of me and my company."

– Tom Babcock of Kast Marketing, Chicago, IL

Note: Lid has a 350 lb. load capacity




| MODEL NO. | FLOW RATE (GPM) | LIQUID HOLDING CAPACITY (U.S.G.) | A (IN) | B (IN) WIDTH | C (IN) | D (IN) | E (IN) | F (IN) | Shipping Weight (lbs.) (in box) | Box Dimensions (L x W x H) | List Price |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lil-7-F** | 7 | 7.14 | 19.5 | 15.5 | 3.5 | 9 | 12.5 | 2 | 21 | 22" x 16" x 13" | **$900.00** |
| **Lil-10-F** | 10 | 10.99 | 23 | 17.5 | 3.5 | 9.75 | 13.25 | 2 | 30 | 25" x 18" x 14" | **$1,000.00** |
| **Lil-15-F** | 15 | 19.77 | 23 | 17.5 | 3.5 | 13.25 | 16.75 | 2 | 33 | 25" x 18" x 17.5" | **$1,100.00** |
| **Lil-20-F** | 20 | 18.57 | 29.5 | 20.5 | 3.5 | 10.75 | 14.25 | 3 | 41 | 32" x 21" x 15" | **$1,500.00** |
| **Lil-25-F** | 25 | 26.60 | 29.5 | 20.5 | 3.5 | 14.75 | 18.25 | 3 | 44 | 32" x 21" x 19" | **$1,600.00** |
| **Lil-35-F** | 35 | 44.56 | 33 | 25.5 | 5.5 | 16.75 | 22.25 | 3 | 57 | 35" x 26" x 23" | **$1,900.00** |
| **Lil-50-F** | 50 | 50.41 | 33 | 25.5 | 5.5 | 18.75 | 24.25 | 3 | 71 | 35" x 26" x 25" | **$2,700.00** |

| SUFFIX | OPTIONAL VARIATIONS | LIST PRICE |
|---|---|---|
| **-C** | Extension "C" as required (up to 9" increments) (for models Lil-20-F and Lil-25-F) (contact MIFAB for other model extensions) | **$350.00** |
| **-C** | Extension "C" as required (up to 9" increments) (for models Lil-35-F and Lil-50-F) | **$400.00** |
| **-F** | Connection sizes different from standard (specify size) (by using a MIFAB MI-HUB increasing / reducing coupling). | **$63.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-7-F | **$300.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-10-F | **$375.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-15-F | **$415.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-20-F | **$460.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-25-F | **$510.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-35-F | **$550.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-50-F | **$600.00** |
| **-HD** | Heavy duty 10 gauge steel lid (up to 2,000 lbs.) - see MI-CS cover shrouds from the MPB price book | **(see MPB book)** |
| **-LHSI** | No hub inlet on left hand side | **$60.00** |
| **-RHSI** | No hub inlet on right hand side | **$60.00** |
| **-SP-IN** | External Sampling Port - inline (part # Lil-SP) | **$217.00** |
| **-SP-OF** | External Sampling Port - offset (part # Lil-SP-OF) | **$217.00** |
| **-T** | Female threaded connections | **$125.00** |

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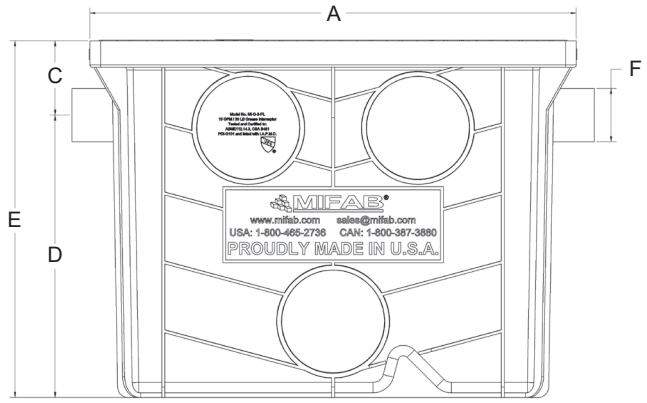
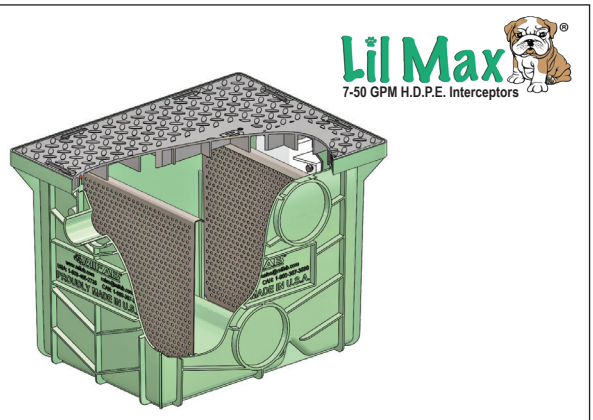
**Specification:** MIFAB® Series Lil-(specify size)-R HDPE injection molded rice interceptor with flow rating of ____ (indicate) and liquid holding capacity of ____ (indicate). Unit shall include: two internal straining baffles with 1/4" diameter holes spaced 1/2" apart, internal deep seal trap and HDPE injection molded, non skid, rectangular gasketed lid with securing latches.

**Function:** Used in restaurants, kitchens, institution and other types of food processing areas where rice drains with the waste water. Typically installed either on or recessed in the floor. Regular maintenance is required to keep the interceptor functioning. The rice interceptor will filter out rice and sediment from the fixture waste line before entering the pipe system to reduce clogging. Interceptor is cleaned by removing the top gasketed lid and accessing the internal straining baffle. Simple latch design permits fast and easy removal of the lid for cleaning and maintenance. HDPE injection molded body and lid are covered by a limited lifetime warranty. All Lil Max interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.




Note: Lid has a 350 lb. load capacity

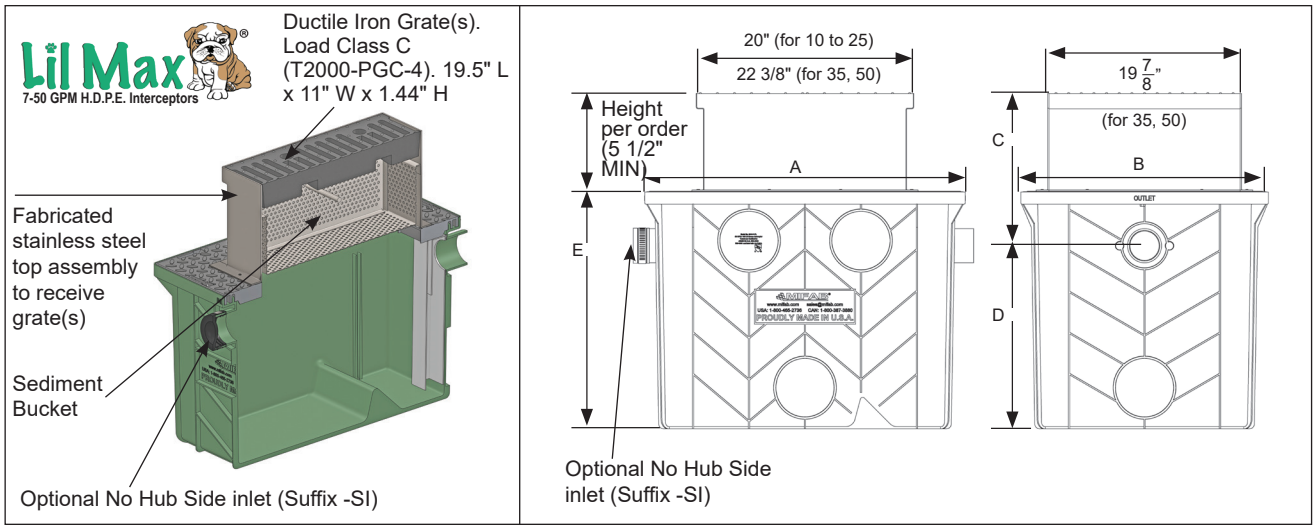
| MODEL NO. | FLOW RATE (GPM) | LIQUID HOLDING CAPACITY (U.S.G.) | A (IN) | B (IN) WIDTH | C (IN) | D (IN) | E (IN) | F (IN) | Shipping Weight (lbs.) (in box) | Box Dimensions (L x W x H) | List Price |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lil-7-R** | 7 | 7.14 | 19.5 | 15.5 | 3.5 | 9 | 12.5 | 2 | 21 | 22" x 16" x 13" | **$900.00** |
| **Lil-10-R** | 10 | 10.99 | 23 | 17.5 | 3.5 | 9.75 | 13.25 | 2 | 30 | 25" x 18" x 14" | **$1,000.00** |
| **Lil-15-R** | 15 | 19.77 | 23 | 17.5 | 3.5 | 13.25 | 16.75 | 2 | 33 | 25" x 18" x 17.5" | **$1,100.00** |
| **Lil-20-R** | 20 | 18.57 | 29.5 | 20.5 | 3.5 | 10.75 | 14.25 | 3 | 41 | 32" x 21" x 15" | **$1,500.00** |
| **Lil-25-R** | 25 | 26.60 | 29.5 | 20.5 | 3.5 | 14.75 | 18.25 | 3 | 44 | 32" x 21" x 19" | **$1,600.00** |
| **Lil-35-R** | 35 | 44.56 | 33 | 25.5 | 5.5 | 16.75 | 22.25 | 3 | 57 | 35" x 26" x 23" | **$1,900.00** |
| **Lil-50-R** | 50 | 50.41 | 33 | 25.5 | 5.5 | 18.75 | 24.25 | 3 | 71 | 35" x 26" x 25" | **$2,700.00** |

| SUFFIX | OPTIONAL VARIATIONS | LIST PRICE |
|---|---|---|
| **-C** | Extension "C" as required (up to 9" increments) (for models Lil-20-R and Lil-25-R) (contact MIFAB for other model extensions) | **$350.00** |
| **-C** | Extension "C" as required (up to 9" increments) (for models Lil-35-R and Lil-50-R) | **$400.00** |
| **-F** | Connection sizes different from standard (specify size) (by using a MIFAB MI-HUB increasing / reducing coupling). | **$63.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-7-R | **$300.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-10-R | **$375.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-15-R | **$415.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-20-R | **$460.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-25-R | **$510.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-35-R | **$550.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-50-R | **$600.00** |
| **-HD** | Heavy duty 10 gauge steel lid (up to 2,000 lbs.) - see MI-CS cover shrouds from the MPB price book | **(see MPB book)** |
| **-LHSI** | No hub inlet on left hand side | **$60.00** |
| **-RHSI** | No hub inlet on right hand side | **$60.00** |
| **-SP-IN** | External Sampling Port - inline (part # Lil-SP) | **$217.00** |
| **-SP-OF** | External Sampling Port - offset (part # Lil-SP-OF) | **$217.00** |
| **-T** | Female threaded connections | **$125.00** |

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**Specification:** MIFAB® Series Lil-(specify size)-OS HDPE injection molded oil / sediment interceptor with liquid holding capacity of _____ (indicate). Unit shall include: sediment bucket (1/4" diameter holes) underneath top inlet ductile iron grate(s), deep seal trap.

**Function:** Oil / sediment interceptors are required anywhere oil and sediment may be introduced to the public sewer system in applications such as: repair garages, oil change stations, car wash facilities, parking garages and facilities where oil and flammable liquid waste are produced as a result of manufacturing, storage, maintenance, repair or testing processes. Sediment and debris are collected inside of the internal sediment bucket. Regular maintenance is required to keep the interceptor functioning. Interceptor to be installed flush with the floor. Standard Lil-OS models are made with open top ductile iron grate(s). The optional -SI models are made with a no hub inlet.




| MODEL NO. | Liquid Holding Capacity (Gallons) | SLUDGE CAPACITY (L.B.S.) | A (IN) | B (IN) WIDTH | D (IN) | E (IN) | F (IN) (OUTLET) | Number of Grates | Shipping Weight (lbs.) | List Price |
|---|---|---|---|---|---|---|---|---|---|---|
| **Lil-10-OS** | 8.5 | 15 | 23 | 17.5 | 9.75 | 13.25 | 2 | 1 | 50 | **$1,560.00** |
| **Lil-15-OS** | 13 | 20 | 23 | 17.5 | 13.25 | 16.75 | 2 | 1 | 53 | **$1,600.00** |
| **Lil-20-OS** | 16 | 25 | 29.5 | 20.5 | 10.75 | 14.25 | 3 | 1 | 61 | **$1,675.00** |
| **Lil-25-OS** | 23 | 60 | 29.5 | 20.5 | 14.75 | 18.25 | 3 | 1 | 64 | **$1,750.00** |
| **Lil-35-OS** | 39 | 80 | 33 | 25.5 | 16.75 | 22.25 | 3 | 2 | 77 | **$2,040.00** |
| **Lil-50-OS** | 52 | 90 | 33 | 25.5 | 18.75 | 24.25 | 3 | 2 | 91 | **$2,900.00** |

| SUFFIX | OPTIONAL VARIATIONS | LIST PRICE |
|---|---|---|
| **-3** | Stainless steel veneer bolted to top of ductile iron grate(s) | **$750.00** |
| **-C** | Extension "C" as required (in addition to the 5 1/2" provided) (for models Lil-10-OS to Lil-25-OS) | **$60.00, per inch** |
| **-C** | Extension "C" as required (in addition to the 5 1/2" provided) (for models Lil-35-OS and Lil-50-OS) | **$80.00, per inch** |
| **-F** | Connection sizes different from standard (specify size) (by using a MIFAB MI-HUB increasing / reducing coupling). | **$63.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-10-OS through to Lil-25-OS | **$375.00** |
| **-FSCR** | Stainless steel fine screen sediment bucket for Lil-35-OS and Lil-50-OS | **$550.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | **$600.00** |
| **-LHSI** | No hub inlet on left hand side (not available with sediment bucket) | **$60.00** |
| **-RHSI** | No hub inlet on right hand side | **$60.00** |
| **-SI** | No hub side inlet located on opposite side of outlet | **No Add** |
| **-SP-IN** | External Sampling Port - inline (part # Lil-SP) | **$217.00** |
| **-SP-OF** | External Sampling Port - offset (part # Lil-SP-OF) | **$217.00** |
| **-T** | Female threaded connections | **$125.00** |

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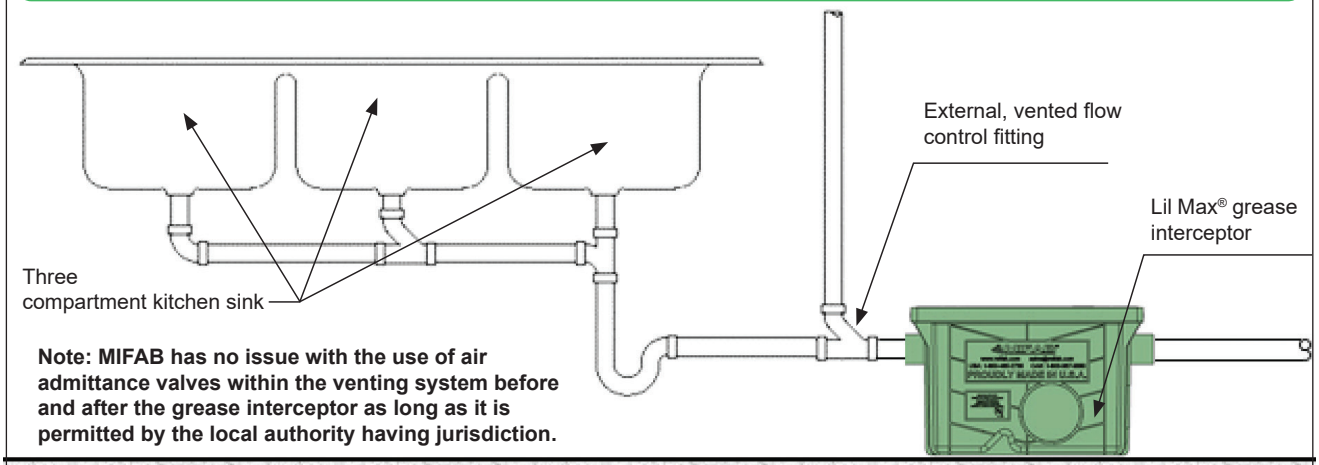
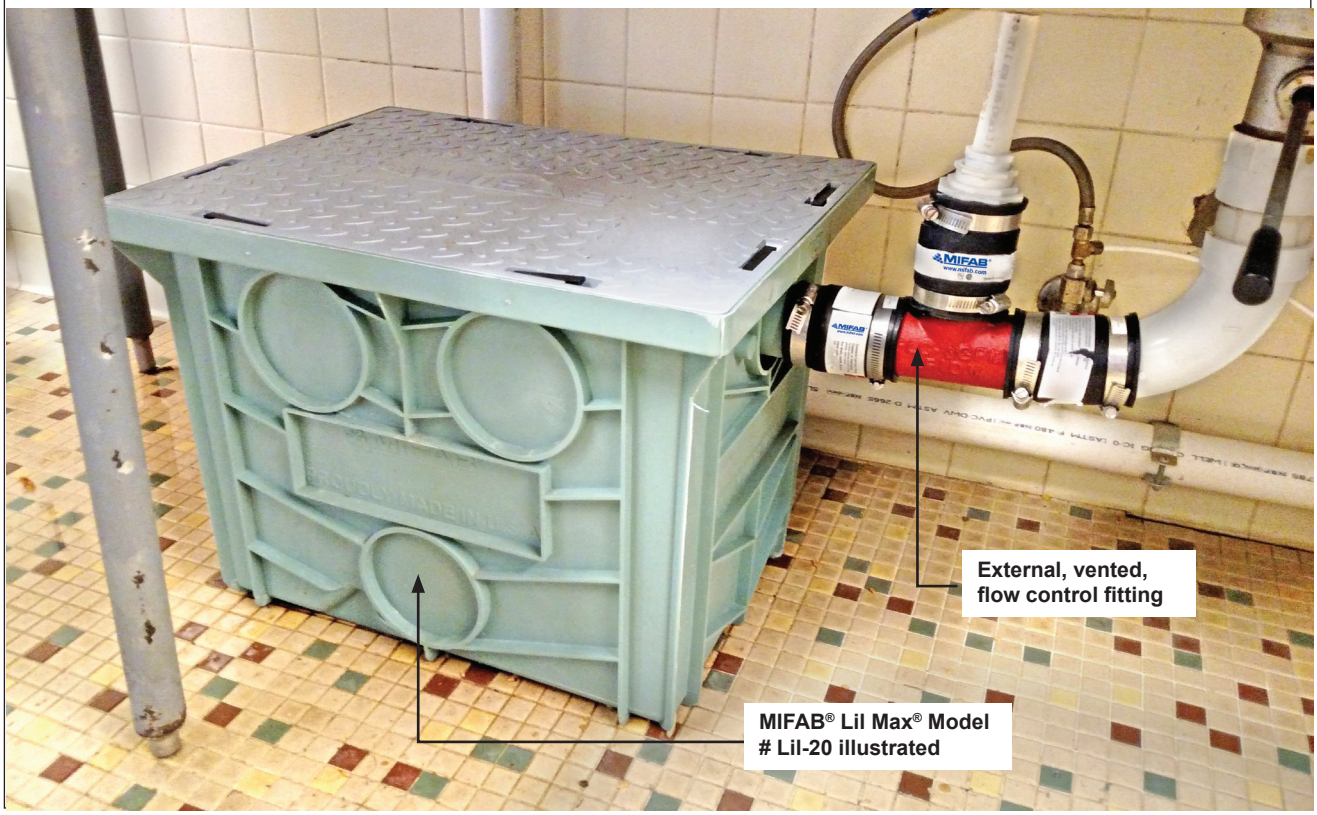
MIFAB® Lil Max® models interceptors are designed to work above ground or below grade and are specifically designed to manage the smaller flow requirements or Point Source grease interception. Made of durable HDPE, these interceptors are designed for easy access and maintainance. Sized by flow rate these units manage flow rates as low as 7 gpm with 14 lbs. of designed storage capacity and up to 50 gpm with a designed storage capacity of 100 lbs. of grease. Other sizes are available - please check our Website. All Lil Max interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.

*"MIFAB's stainless steel drains are a cost competitive option to nickel bronze by others. This is particularly important in the South Florida market where the salt environment is aggressive and the building accents are often done in stainless or in chrome. Nickel bronze is simply not cosmetically acceptable when juxtaposed to the Architect's selected metallic finishes."*
– David Tinsley, Plumbing Engineer, KAMM Consulting, Fort Lauderdale, FL




**Note: MIFAB has no issue with the use of air admittance valves within the venting system before and after the grease interceptor as long as it is permitted by the local authority having jurisdiction.**

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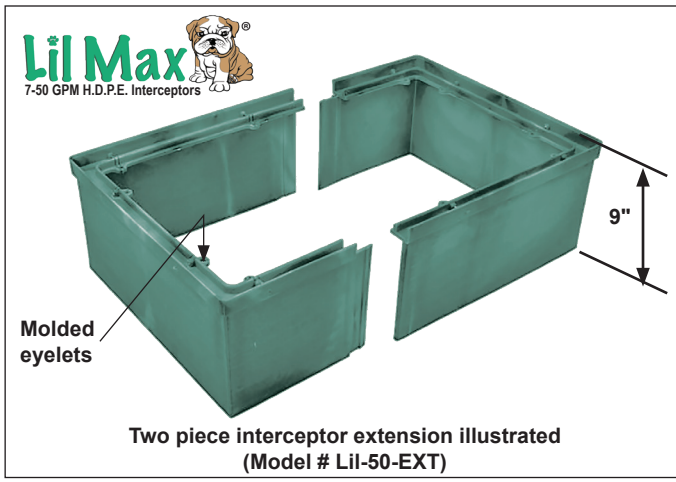
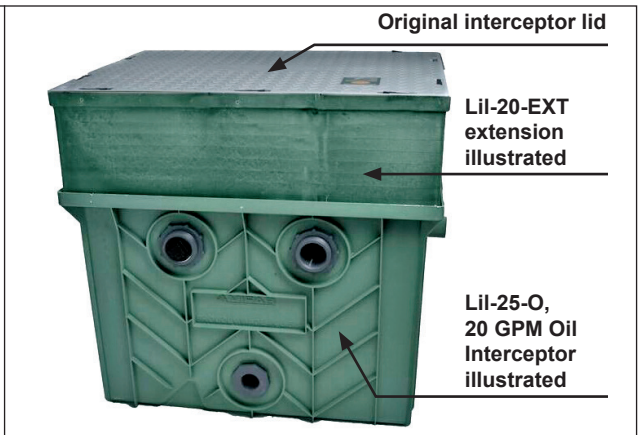
# LIL MAX® EXTENSIONS AND ACCESSORIES



**Extensions:** Extensions are typically required when the interceptor is buried into the ground and the inlet is lowered to meet the waste piping from the fixtures. In such a case, the lid needs to be "extended" up to the ground or grade level. MIFAB® manufactures a two piece H.D.P.E. injection molded 9" high extension for the 20 and 25 GPM models (same extension) and also for the 35, 50 and Lil-25-LP models (same extension). These extensions are designed to fit into the top of the Lil Max® body after the lid is removed. Neoprene gasket is provided by MIFAB® with each extension piece to be installed into the recess in the top of the interceptor and also into the recess in the top of the extension. Securing ties are also provided by MIFAB® in order to connect the extension (through the molded eyelets) to the securing pins molded into the top of each interceptor. The 9" extensions can be stacked in 9" (or shorter) increments in order to attain the desired extension height. The original lid is then secured into the top of the extension. There are 1" horizontal lines molded into the sides of the extensions to allow the installer to cut (with a Saws All) the height down to the required dimension. Extensions can be cut down to a 3" overall height.




Two piece interceptor extension illustrated (Model # Lil-50-EXT)




Extension installed with Lil-25-O oil Interceptor

| Model # | Description | List Price |
|---|---|---|
| **SILICONE RUBBER LID GASKET** | | |
| Lil-7-GSK | Lid Gasket - for Lil-7 | $30.00 |
| Lil-10-GSK | Lid Gasket - for Lil-10 | $30.00 |
| Lil-15-GSK | Lid Gasket - for Lil-15 | $30.00 |
| Lil-20-GSK | Lid Gasket - for Lil-20 | $40.00 |
| Lil-25-GSK | Lid Gasket - for Lil-25 | $40.00 |
| Lil-35-GSK | Lid Gasket - for Lil-35 | $55.00 |
| Lil-50-GSK | Lid Gasket - for Lil-50 | $55.00 |
| Lil-25-LP-GSK | Lid Gasket - for Lil-25-LP | $55.00 |
| **REPLACEMENT LIDS** | | |
| Lil-7-LID | Replace. Lid Assembly - for Lil-7 | $160.00 |
| Lil-10-LID | Replace. Lid Assembly - for Lil-10 | $160.00 |
| Lil-15-LID | Replace. Lid Assembly - for Lil-15 | $160.00 |
| Lil-20-LID | Replace. Lid Assembly - for Lil-20 | $175.00 |
| Lil-25-LID | Replace. Lid Assembly - for Lil-25 | $175.00 |
| Lil-35-LID | Replace. Lid Assembly - for Lil-35 | $225.00 |
| Lil-50-LID | Replace. Lid Assembly - for Lil-50 | $225.00 |
| Lil-25-LP-LID | Replace. Lid Assembly - for Lil-25-LP | $225.00 |
| Note: The replacement lid assembly includes the lid, gasket and latches. The PDI plate is not included and needs to be transferred from the old interceptor. | | |
| **REPLACEMENT LID LATCHES** | | |
| Lil-7-LTCH | Replace Lid Latch Set - for Lil-7 | $40.00 |
| Lil-10-LTCH | Replace Lid Latch Set - for Lil-10 | $40.00 |
| Lil-15-LTCH | Replace Lid Latch Set - for Lil-15 | $40.00 |
| Lil-20-LTCH | Replace Lid Latch Set - for Lil-20 | $40.00 |
| Lil-25-LTCH | Replace Lid Latch Set - for Lil-25 | $40.00 |
| Lil-35-LTCH | Replace Lid Latch Set - for Lil-35 | $43.00 |

| REPLACEMENT LID LATCHES | | |
|---|---|---|
| **Model #** | **Description** | **List Price** |
| Lil-7-LTCH | Replace Lid Latch Set - for Lil-50 | $43.00 |
| Lil-25-LP-LTCH | Replace Lid Latch Set - for Lil-25-LP | $43.00 |
| Note: Each model includes the required replacement latch components and replacement pivot pins. | | |
| **EXTENSIONS** | | |
| Lil-20-EXT | 9" high H.D.P.E. Extension - for 20 GPM | $355.00 |
| Lil-25-EXT | 9" high H.D.P.E. Extension - for 25 GPM | $355.00 |
| The Lil-20-EXT and Lil-25-EXT are the same part | | |
| Lil-35-EXT | 9" high H.D.P.E. Extension - for 35 GPM | $400.00 |
| Lil-50-EXT | 9" high H.D.P.E. Extension - for 50 GPM | $400.00 |
| Lil-25-LP-EXT | 9" high H.D.P.E. Extension - for 25 GPM low profile | $400.00 |
| The Lil-35-EXT, LIL-50-EXT and Lil-25-LP-EXT are the same part. Note: contact MIFAB for other model extensions) | | |
| **SEDIMENT BUCKETS** | | |
| Lil-7-PSB | H.D.P.E. Sediment Bucket - for Lil-7 | $260.00 |
| Lil-10-PSB | H.D.P.E. Sediment Bucket - for Lil-10 | $280.00 |
| Lil-15-PSB | H.D.P.E. Sediment Bucket - for Lil-15 | $300.00 |
| Lil-20-PSB | H.D.P.E. Sediment Bucket - for Lil-20 | $315.00 |
| Lil-25-PSB | H.D.P.E. Sediment Bucket - for Lil-25 | $340.00 |
| Lil-35-PSB | H.D.P.E. Sediment Bucket - for Lil-35 | $350.00 |
| Lil-50-PSB | H.D.P.E. Sediment Bucket - for Lil-50 | $365.00 |
| Lil-25-LP-PSB | H.D.P.E. Sediment Bucket - for Lil-25-PL | $265.00 |
| **SOLIDS INTERCEPTOR - FINE SCREEN SEDIMENT BUCKET** | | |
| Lil-7-S-FSCR | S. S. Fine Scr. Sed. Bkt. Insert - for Lil-7-S-PSB | $300.00 |
| Lil-10-S-FSCR | S. S. Fine Scr. Sed. Bkt. Insert - for Lil-10-S-PSB | $375.00 |
| Lil-15-S-FSCR | S. S. Fine Scr. Sed. Bkt. Insert - for Lil-15-S-PSB | $415.00 |
| Lil-20-S-FSCR | S. S. Fine Scr. Sed. Bkt. Insert - for Lil-20-S-PSB | $460.00 |
| Lil-25-S-FSCR | S. S. Fine Scr. Sed. Bkt. Insert - for Lil-25-S-PSB | $510.00 |
| Lil-35-S-FSCR | S. S. Fine Scr. Sed. Bkt. Insert - for Lil-35-S-PSB | $550.00 |
| Lil-50-S-FSCR | S. S. Fine Scr. Sed. Bkt. Insert - for Lil-50-S-PSB | $600.00 |

Note: Custom extensions for interceptors smaller than 20 GPM are available. Contact MIFAB® for information and pricing.

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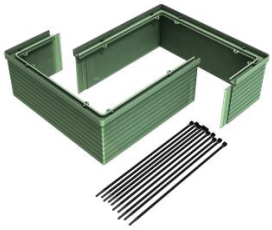
# LIL MAX® EXTENSION INSTALLATION INSTRUCTIONS

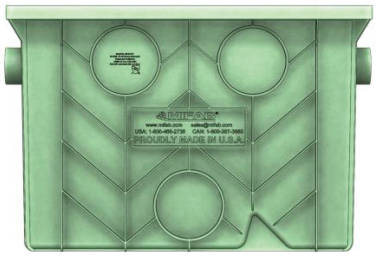


Each extension provides up to 9" of height extension. If more than 9" of extension is required, stack multiple extension assemblies.

**Includes:**
(2) Extension components
(1) Roll of gasket
(10) Zip ties

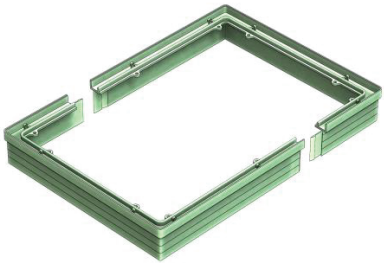
**Equipment Required**
Silicone sealant
Saw

"You can see and feel our business grow because of MIFAB."
– Dan Thomas of Ben Thomas and Associates, Shade Gap, PA



**STEP 1** Measure the height from the top of the interceptor to the desired ground level

**STEP 2** Cut off the bottom of each extension component to the desired height

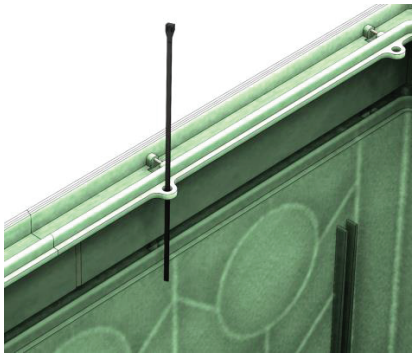


**STEP 3** Apply silicone sealant in the groove between each body component push them together

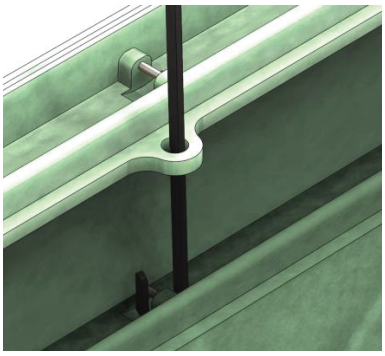
**STEP 4** Apply the gasket to the bottom outer edge of the extension

**STEP 5** Remove the lid and place the extension onto the Little Max interceptor

**STEP 6** Check around the edges to see if the gasket is installed correctly



**STEP 7** Place the zip ties through the holes in the extension. There are 10 zip ties, one for each hole.



**STEP 8** Tighten the zip ties around the pins of the interceptor or through the next hole if using more than one extension

**STEP 9** Place the interceptor lid onto the extension

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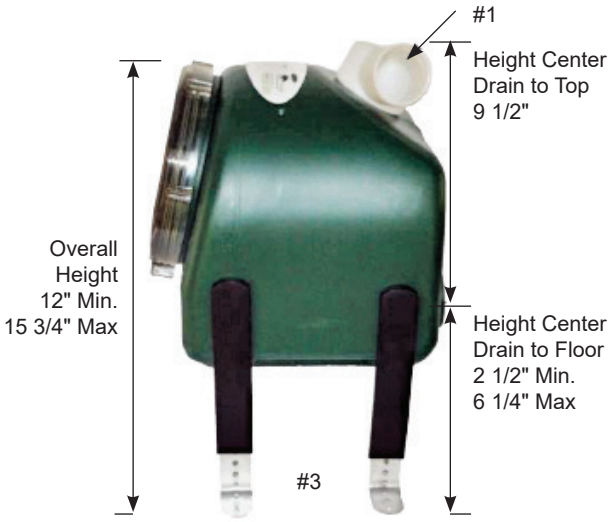
**Specification:** MIFAB® MINI-PL is a one piece High Density Polyethylene (HDPE) wet waste interceptor with two removable polycarbonate plastic strainer trays, removable filter, 2" HDPE no hub inlet and 2" HDPE no hub outlet connections and four adjustable support legs.

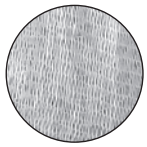
**Function:** Used in restaurants, kitchens, bars, institutions and other types of food processing areas where fat, oil and grease (FOG) and food particles drain with the waste water. Installed directly under or close to the drain sink, grease and food particles are trapped prior to entering the municipality mandated grease interceptor. A disposable filter is required for operation. Two types of filters are available - a fine mesh filter specifically designed for coffee grounds and a general use solids filter.

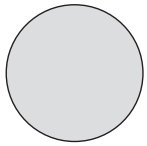
**LEGEND:** (#1) 2" HDPE no hub inlet spout to hold filter bag (included). (#2) 2" HDPE no hub outlet connection. (#3) Adjustable stainless steel legs (plastic covers, included). (#4) 8" O.D. Opening to remove filter bag (clear lid, included).



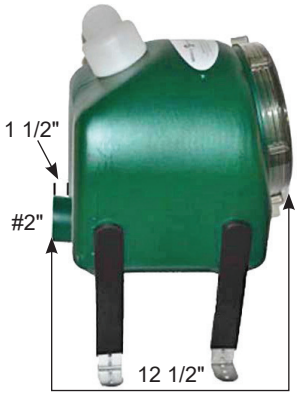

REPLACEMENT FILTERS

MIL-FLT





MIL-FLT-COFF



| Model # | Description | List Price |
|---|---|---|
| **MINI-PL** | One piece High Density Polyethylene (H.D.P.E.) wet waste interceptor | **$480.00** |

| Part No. | Optional Variations | List Price |
|---|---|---|
| **MINI-FLT-30** | Removable filter for solids - 30 pack (1 box) | **$120.00** |
| **MINI-FLT-CASE** | Removable filter for solids - case of 12 boxes | **$1440.00** |
| **MINI-FLT-COFF-30** | Removable filter for coffee grounds - 30 pack (1 box) | **$120.00** |
| **MINI-FLT-COFF-CASE** | Removable filter for coffee grounds - case of 12 boxes | **$1440.00** |

**Mini Max®** filter filled with solid waste

**The filter for the solids has a typical stitch width of 3/16" (4800 microns). The filter for coffee grounds is made of 20 denier nylon.**

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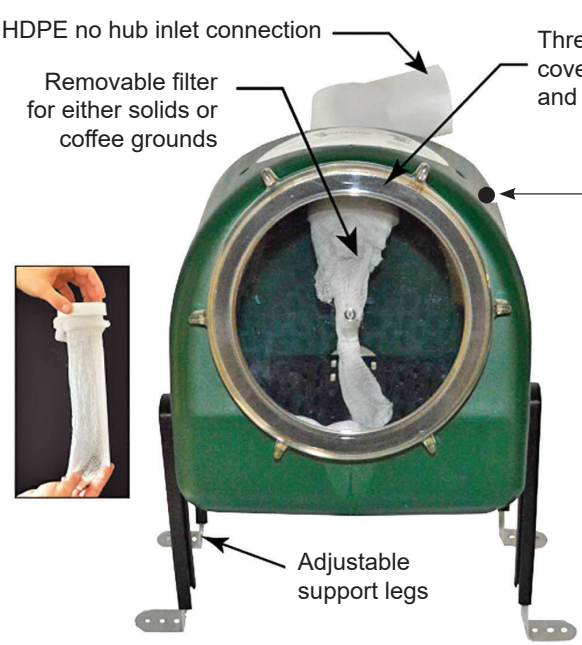
# H.D.P.E. WET WASTE INTERCEPTOR, PART NO. MINI-PL

Municipalities require grease interceptors to protect our environment. Unfortunately, a large percentage of clogs occur BEFORE waste water gets to the grease interceptor. Our solution ... Mini Max® Wet Waste Interceptor! Installed directly under any sink right after the P-Trap*, the Mini Max® intercepts 95% of all solids, wet waste, and food particles AT SOURCE. *No P-trap required when draining into a floor sink or any type of open drain.



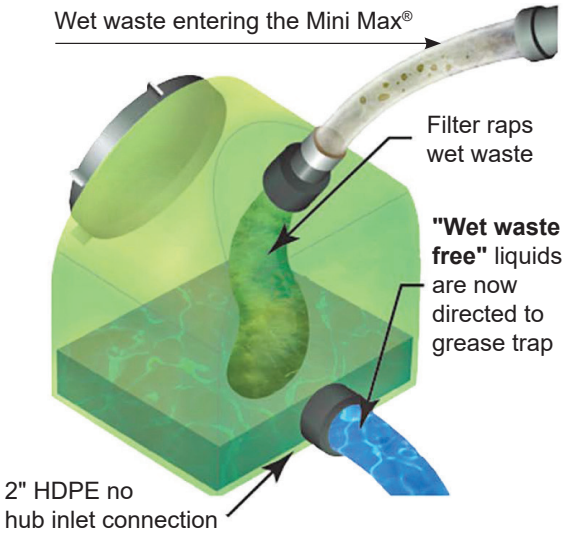

MINI MAX®

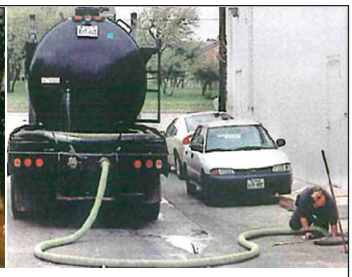
"None of my other suppliers are even close to creating products like MIFAB does !"

– Tom Babcock of Kast Marketing, Chicago, IL

## MINI MAX® BENEFITS

- **Elimimates Foul Odors-** by capturing wet waste solids before food decomposition.
- **Reduces Cleaning-** of both grease interceptor and drain line. Less accumulation means less cleaning!
- **Eliminates Back Ups-** by intercepting 95% of FOG and food particles.
- **Minimizes Grease Trap Pumping-** less accumulation of solid waste means fewer pump outs.





**Mini Max®** filter filled with solid waste

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

# CANPLAS TO LIL MAX®

## GREASE INTERCEPTORS

| Canplas | MIFAB |
|---|---|
| 3907A02 | Lil-7 |
| 3910A02 | Lil-10 |
| 3915A02C | Lil-15 |
| 3920A02 | Lil-20 w/ MI-HUB-32 |
| 3925A02 | Lil-25 w/ MI-HUB-32 |
| 3925A03 | Lil-25 |
| 3925A02LO | Lil-25-LP w/ MI-HUB-32 |
| 3935A03 | Lil-35 |
| 3935A04 | Lil-35 w/ MI-HUB-43 |
| 3950A03 | Lil-50 |
| 3950A04 | Lil-50 w/ MI-HUB-43 |

## SOLIDS INTERCEPTORS

| **Canplas** | **MIFAB** |
|---|---|
| 3911A02 | Lil-7-S |
| 3911A-1 | Lil-7-S-SB |
| | (sediment bucket only for Lil-7-S) |

Plaster Interceptors

| **Canplas** | **MIFAB** |
|---|---|
| 3910PA15 | Lil-7-PL |
| 3920PA15 | Lil-15-PL |

## FLOW CONTROL FITTINGS

| **Canplas** | **MIFAB** |
|---|---|
| 3922107 | FLC-1 |
| 3922107AS | FLC-1 |
| 3922107AT | FLC-T-1 |
| 3922107C | FLC-1 |
| 3922107CAS | FLC-1 |
| 3922107CAT | FLC-T-1 |
| 3922110 | FLC-2 |
| 3922110AS | FLC-2 |
| 3922110AT | FLC-T-2 |
| 3922110C | FLC-2 |
| 3922110CAS | FLC-2 |
| 3922110CAT | FLC-T-2 |
| 3922115 | FLC-3 |
| 3922115AS | FLC-3 |
| 3922115AT | FLC-T-3 |
| 3922115C | FLC-3 |
| 3922115CAS | FLC-3 |
| 3922115CAT | FLC-T-3 |
| 3922120 | FLC-4 w/ MI-HUB-32 |
| 3922120AS | FLC-4 w/ MI-HUB-32 |
| 3922120AT | FLC-T-4 w/ MI-800-2 |
| 3922120C | FLC-4 w/ MI-HUB-32 |
| 3922120CAS | FLC-4 w/ MI-HUB-32 |
| 3922120CAT | FLC-T-4 w/ MI-800-2 |
| 3922125 | FLC-5 w/ MI-HUB-32 |
| 3922125AS | FLC-5 w/ MI-HUB-32 |
| 3922125AT | FLC-T-5 w/ MI-800-2 |
| 3922125C | FLC-5 w/ MI-HUB-32 |
| 3922125CAS | FLC-5 w/ MI-HUB-32 |
| 3922125CAT | FLC-T-5 w/ MI-800-2 |
| 3933125 | FLC-5 |
| 3933125AS | FLC-5 |
| 3933125AT | FLC-T-5 |
| 3933135 | FLC-6 |
| 3934135 | FLC-6 w/ MI-HUB-43 |
| 3933135AS | FLC-6 |
| 3934135AS | FLC-6 w/ MI-HUB-43 |
| 3934135AT | FLC-T-6 w/ MI-800-4 |
| 3933135AT | FLC-T-6 |
| 3933150 | FLC-7 |
| 3934150 | FLC-7 w/ MI-HUB-43 |
| 3933150AS | FLC-7 |
| 3934150AS | FLC-7 w/ MI-HUB-43 |
| 3933150AT | FLC-T-7 |
| 3934150AT | FLC-T-7 w/ MI-800-4 |

## INLET BAFFLE

| Canplas | MIFAB |
|---|---|
| 3920A03-3 | MI-G-TRAP-1-PL-IN |
| 3920A03-3 | MI-G-TRAP-2-PL-IN |
| 3920A03-3 | MI-G-TRAP-3-PL-IN |
| 3920A03-3 | MI-G-TRAP-4-PL-IN |
| 3920A03-3 | MI-G-TRAP-5-PL-IN |
| 3920A03-3 | MI-G-TRAP-6-PL-IN |
| 3950A03-3 | MI-G-TRAP-7-PL-IN |
| 3920A03-3 | MI-G-TRAP-L-25-PL-IN |

## OUTLET BAFFLE

| **Canplas** | **MIFAB** |
|---|---|
| 3910A-4 | MI-G-TRAP-1-PL-OUT |
| 3910A-4 | MI-G-TRAP-2-PL-OUT |
| 3910A-4 | MI-G-TRAP-3-PL-OUT |
| 3910A-4 | MI-G-TRAP-4-PL-OUT |
| 3910A-4 | MI-G-TRAP-5-PL-OUT |
| 3910A-4 | MI-G-TRAP-6-PL-OUT |
| 3910A-4 | MI-G-TRAP-7-PL-OUT |
| 3910A-4 | MI-G-TRAP-L-25-PL-OUT |

## DIFFUSER BAFFLE

| **Canplas** | **MIFAB** |
|---|---|
| 3910A-3 | MI-G-TRAP-1-PL-DIF |
| 3910A-3 | MI-G-TRAP-2-PL-DIF |
| 3910A-3 | MI-G-TRAP-3-PL-DIF |
| N/A | MI-G-TRAP-4-PL-DIF |
| N/A | MI-G-TRAP-5-PL-DIF |
| 3935A03-4 | MI-G-TRAP-6-PL-DIF |
| 3935A03-4 | MI-G-TRAP-7-PL-DIF |
| N/A | MI-G-TRAP-L-25-PL-DIF |

## SILICONE RUBBER LID GASKET

| **Canplas** | **MIFAB** |
|---|---|
| 3910A-5 | Lil-7-GASK |
| 3910A-5 | Lil-10-GASK |
| 3910A-5 | Lil-15-GASK |
| 3920A-5 | Lil-20-GASK |
| 3920A-5 | Lil-25-GASK |
| 3935A-5 | Lil-35-GASK |
| 3935A-5 | Lil-50-GASK |
| 3935A-5 | Lil-25-LP-GASK |

## LID ASSEMBLY REPLACEMENT

| **Canplas** | **MIFAB** |
|---|---|
| 3910A-2ARPL | Lil-7-LID |
| 3910A-2ARPL | Lil-10-LID |
| 3910A-2ARPL | Lil-15-LID |
| 3920A-2ARPL | Lil-20-LID |
| 3920A-2ARPL | Lil-25-LID |
| 3935A-2ARPL | Lil-35-LID |
| 3935A-2ARPL | Lil-50-LID |
| 3935A-2ARPL | Lil-25-LP-LID |

Note: The replacement lid assembly in cludes the lid, gasket and latches. The PDI plate is not included - it needs to be transferred from the old interceptor

## REPLACEMENT LID LATCHES

| **Canplas** | **MIFAB** |
|---|---|
| 3920A-9RPL | Lil-7-LTCH |
| 3920A-9RPL | Lil-10-LTCH |
| 3920A-9RPL | Lil-15-LTCH |
| 3920A-9RPL | Lil-20-LTCH |
| 3920A-9RPL | Lil-25-LTCH |
| 3935A-6RPL | Lil-35-LTCH |
| 3935A-6RPL | Lil-50-LTCH |
| 3935A-6RPL | Lil-25-LP-LTCH |

Note: Each model includes four replace ment latch components and replacement pivot pins.

## EXTENSIONS - UP TO 9" HIGH)

| **Canplas** | **MIFAB** |
|---|---|
| 3920AX6 | Lil-20-EXT |
| 3920AX6 | Lil-25-EXT |
| 3935AX6 | Lil-35-EXT |
| 3935AX6 | Lil-50-EXT |
| 3935AX6 | Lil-25-LP-EXT |

## SEDIMENT BUCKETS

| **Canplas** | **MIFAB** |
|---|---|
| 3911A-1 | Lil-20-SB |
| 3911A-1 | Lil-25-SB |
| 3911A-1 | Lil-35-SB |
| 3911A-1 | Lil-50-SB |

## SOLIDS INTERCEPTOR - COARSE SCREEN

| **Canplas** | **MIFAB** |
|---|---|
| 3911-2 | Lil-7-S-CSCR |

## SOLIDS INTERCEPTOR - FINE SCREEN

| **Canplas** | **MIFAB** |
|---|---|
| 3911-3 | Lil-7-S-CSCR |

## SEMI-AUTOMATIC DRAW-OFF KIT - (FOR ALLEGHENY COUNTY, PA)

| **Canplas** | **MIFAB** |
|---|---|
| 394000 | Lil-SDKIT |

Note: 3/4" size provided. Ball valve not included.

## IN-LINE DRAIN STRAINER

| **Canplas** | **MIFAB** |
|---|---|
| 393243A | STR1.50-IPS-BRZ-LL |
| 393243AW | STR1.50-IPS-BRZ-LL |

# SCHIER TO LIL MAX®

## GREASE INTERCEPTORS

| **Schier** | **MIFAB** |
|---|---|
| GB-1 | Lil-25 |
| GB-2 | Lil-35 |
| GB-3 | Lil-50 |
| GB-15 | Lil-15 |
| GB-20 | Lil-20 |
| GB-25 | Lil-25 |
| GB-35 | Lil-35 |
| GB-50 | Lil-25-LP |

## OIL INTERCEPTORS

| **Schier** | **MIFAB** |
|---|---|
| OS-15 | Lil-15-O |
| OS-25 | Lil-25-O |
| OS-35 | Lil-35-O |
| OS-50 | Lil-50-O |

## OIL INTERCEPTORS-COLLECTION TANKS

| **Schier** | **MIFAB** |
|---|---|
| OCT-15 | Lil-15-O-HT |
| OCT-25 | Lil-25-O-HT |
| OCT-35 | Lil-35-O-HT |
| OCT-50 | Lil-50-O-HT |

## SOLIDS INTERCEPTORS

| **Schier** | **MIFAB** |
|---|---|
| HLB-1176-1 | Lil-7-S |
| HLB-1176-2 | Lil-7-S |
| HLT-1176-1 | Lil-7-S |
| HLT-1176-2 | Lil-7-S |
| USI-1180-1 | Lil-7-S |
| USI-1180-2 | Lil-7-S |
| USI-1184-1 | Lil-7-S |
| USI-1184-2 | Lil-7-S |
| PS-15-B | Lil-15-S |
| PS-25-B | Lil-25-S |
| PS-35-B | Lil-35-S |
| PS-50-B | Lil-50-S |
| PS-15-B | Lil-15-S-FF |
| PS-25-B | Lil-25-S-FF |
| PS-35-B | Lil-35-S-FF |
| PS-50-B | Lil-50-S-FF |

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



Design and dimensions are subject to modification. Prices do not include applicable taxes. Visit www.mifab.com for the most recent product information.

**MIFAB®**, Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA
**USA Toll Free: 1-800-465-2736 • Fax: 1-773-341-3049**
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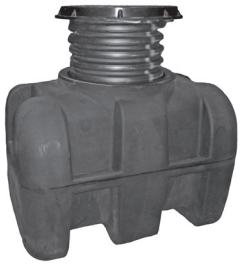
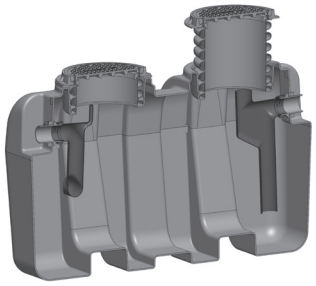


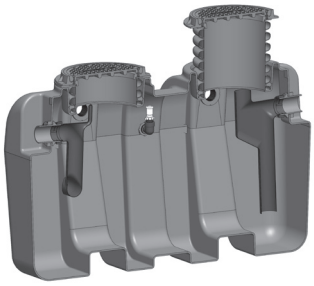
BIG MAX®

Large H.D.P.E. Interceptors

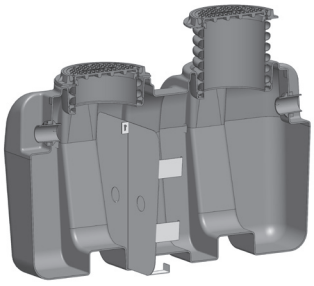
# 75 and 100 GPM H.D.P.E. Hydromechanical Interceptors



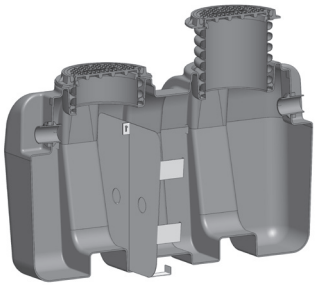
**GREASE** (Page # 46)



**OIL** (Page # 47)



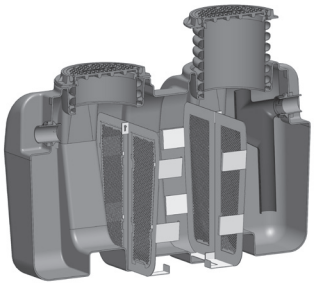
**SOLIDS** (Page # 48)



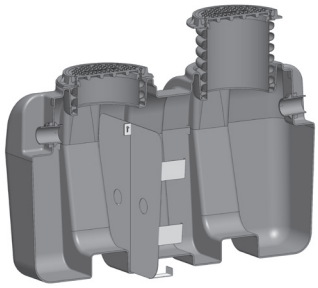
**PLASTER** (Page # 49)

"The Big Max was delivered on time and on specification. The use of the generic corrugated extensions made installation easy and extremely efficient."

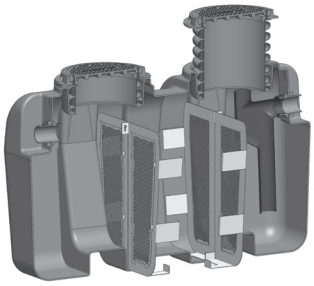
– Avcon Construction, North York, Ontario, Canada



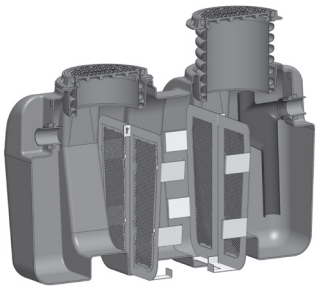
**LINT** (Page # 50)



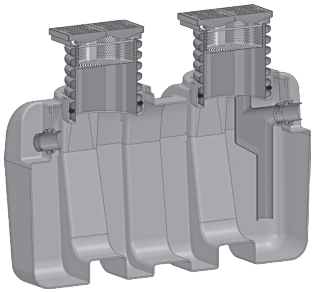
**SAND** (Page # 51)



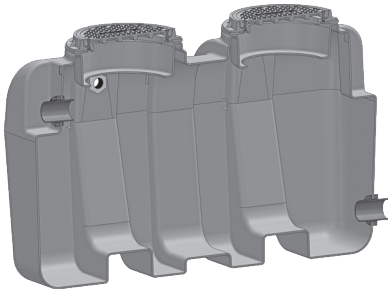
**FISH SCALE** (Page # 52)



**RICE** (Page # 53)



**BIG-OS-300** (Page # 54)



**BIG-DECON** (Page # 55)

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

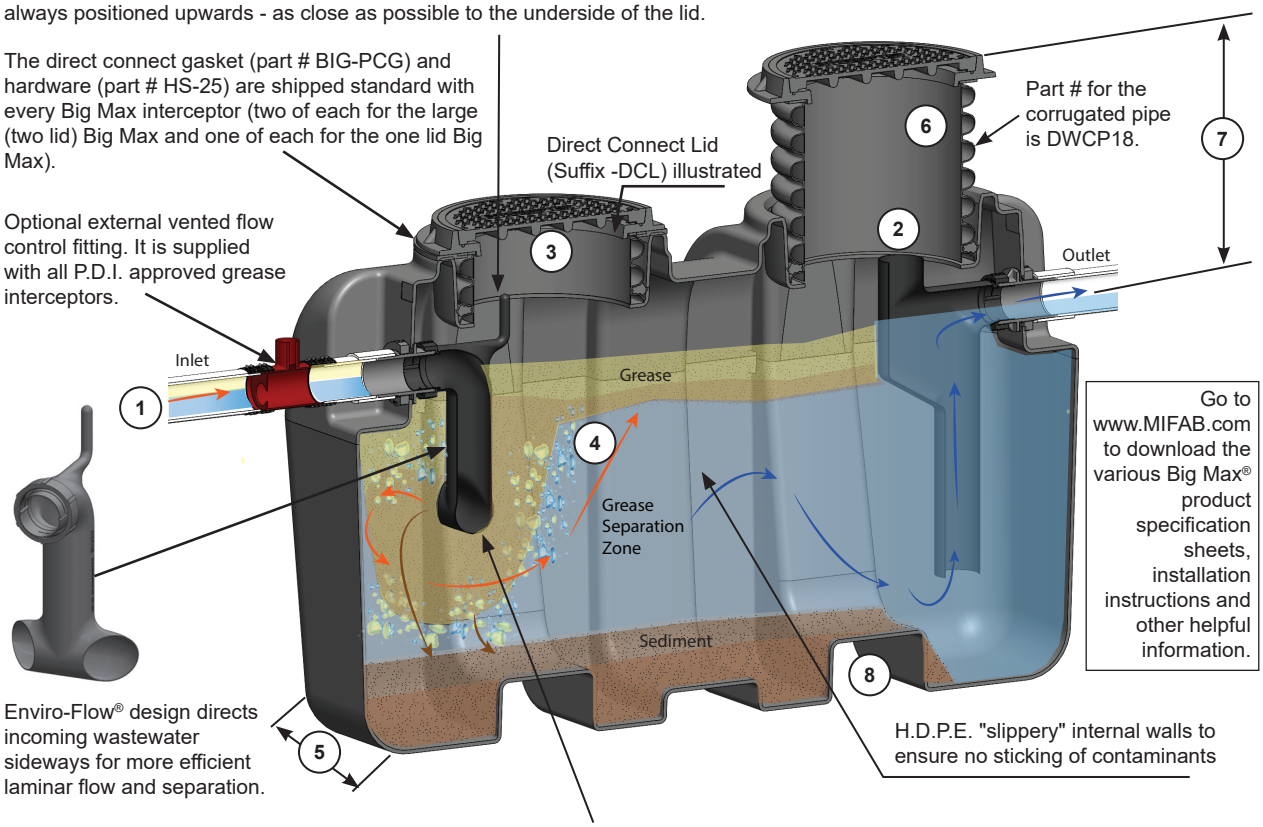
Since 1982, MIFAB® has been manufacturing grease interceptors. Thirty-seven years of experience and customer feedback has given us an advantage when it comes to designing and manufacturing the best steel and stainless steel grease interceptors in the market. We have applied this experience to our new range of large, H.D.P.E. patented grease interceptors. We invite you to experience the MIFAB® difference – best in class when it comes to H.D.P.E. grease interceptors. The Big Max® Series of interceptors are also available in the following models: oil, solids, plaster, lint, sand, fish scale and rice.

MIFAB®'s Big Max interceptors are engineered to perform based on a balanced air environment within the interceptor. This ensures that the interceptor performs at a high operating efficiency. During regular maintenance, it is important to check that this hole is unobstructed. The blocking of this hole can dramatically reduce the operating performance of the interceptor and result in the accumulated grease waste within the interceptor to be discharged downstream. Ensure that this hole is always positioned upwards - as close as possible to the underside of the lid.

BIG MAX®
Large H.D.P.E. Interceptors

The direct connect gasket (part # BIG-PCG) and hardware (part # HS-25) are shipped standard with every Big Max interceptor (two of each for the large (two lid) Big Max and one of each for the one lid Big Max).

Optional external vented flow control fitting. It is supplied with all P.D.I. approved grease interceptors.




Go to www.MIFAB.com to download the various Big Max® product specification sheets, installation instructions and other helpful information.

Enviro-Flow® design directs incoming wastewater sideways for more efficient laminar flow and separation.

H.D.P.E. "slippery" internal walls to ensure no sticking of contaminants

MIFAB®'s 37 years of manufacturing interceptors has provided us with a wealth of experience and knowledge on the factors that impact their performance. Our new and innovative Enviro-Flow® inlet and outlet design significantly reduces inlet velocity and creates optimal laminar flow to ensure maximum grease separation efficiency. Flow entering the MIFAB interceptor is directed to the bottom by the inlet baffle to avoid any disturbance of the previously accumulated surface layer of grease / oil in the interceptor. The innovative design of the bottom of the inlet baffle directs the incoming waste water sideways into the interceptor for the most efficient laminar flow. The baffle also serves to reduce the velocity and surge of inflow, providing sufficient retention time for effective separation of the grease. The grease rises to the surface for manual or pump out removal and the baffle is easy to remove for cleaning. The waste water is now relieved of over 90% of the fats, oils, and greases and continues to flow through the interceptor.

**External Sampling Port**

For jurisdictions that require the installation of an external sampling port, the MIFAB® BIG-SP is the answer. It is manufactured from HDPE and available with a standard AASHTO H-20 load rated cover. (Specify suffix -SP)

3 - H-20 Load Rated Lid

Multiple inlet / outlet options

Float switch

High Level Alarm Illustrated (Specify suffix -HLA)

Note that the the alarm control box and float switch are not installed at the MIFAB factory. They need to be installed on site.

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1. **External Vented Flow Control Fitting**
   All of MIFAB®'s PDI approved grease interceptors are supplied with an external, vented flow control fitting. Studies have proven that the use of an external, vented flow control fitting results in more effective grease interception because of the air introduced into the drain line through the vent in the top of the flow control fitting. As this air enters the interceptor, grease coats the resulting air bubbles and increases the efficiency of the grease rising to the surface.
2. **Sample Port Access**
   Sample port access is provided standard in our interceptors. Simply remove the lid to gain access to the top opening of the internal inlet and outlet piping. A sample of the water discharging from the interceptor can be taken from the top opening of the outlet piping (deep seal trap).
3. **H-20 Load Rated Lid**
   Standard, 20,000 Lb. AASHTO H-20 load rated steel encased composite, gasketed lids and collar are standard to withstand heavy loads
4. **Structural Integrity**
   Ribbed body design provides extra structural integrity for in ground installations. The body is manufactured in the USA out of seamless, rotationally molded High Density Polyethylene with a 3/8" uniform wall thickness. The body is strong but lightweight, allowing it to be installed without the need of a backhoe or crane. The H.D.P.E. material will not crack, chip or bulge under extreme impact, sunlight and / or temperature changes. H.D.P.E. is a much better material for interceptors than fiberglass because H.D.P.E. has resistance to a greater number of chemicals than fiberglass. Fiberglass is also hard and stiff and is subject to cracking. A rotationally molded H.D.P.E. interceptor is simply tougher and has much greater impact resistance vs. fiberglass. Fiberglass interceptors also have a negative environmental impact because they are made with VOCs - (Volatile Organic Compounds). Facilities that produce fiberglass interceptors have a negative impact on the environment because of VOCs they put into the air. Rotationally molded H.D.P.E. interceptors have NO environmental impact. All Big Max interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.
5. **Narrow Width**
   The 33 ½" width allows the interceptor to fit through doorways and down stairwells. Two people can carry and install the interceptor.
6. **With MIFAB's patented extension system every lid ships with an 18" x 18" piece of ADS corrugated pipe which provides the installer with up to a 24 1/2" "C" dimension.**
   If a greater "C" dimension is required, the contractor has the option to purchase an extension from MIFAB® or to buy a length of ADS pipe from their local waterworks wholesaler in order to complete the installation immediately. This also means that the cost of the MIFAB® extension (when ordered from a local waterworks wholesaler will be significantly less expensive that buying the same height extension system from others). In addition, extensions from others are only available from that specific manufacturer – resulting in delays and time for production and shipment to the contractor. Flexible extensions make for easier installation where grade may be unlevel.

Key Feature

7. **Extra Rough-in Dimension**
   The standard rough-in dimension ("C" dimension – from the middle of the inlet / outlet to the top of the lid) is 24½" and can be field adjusted by the contractor down to 15 ½" on the BIG-750 and to 16" on the BIG-1150. The 24½" rough-in dimension provided is almost double that of others – making it less likely to buy expensive extensions.
8. **Forklift Access**
   Forklift access points are provided in the bottom of the interceptors to allow for easy handling.

> "MIFAB is able to provide products that fit the projects we are working with."
>
> – Joe Ficek of Grumman Butkus, Consulting Engineers, Chicago, IL

**Approvals**

MIFAB®'s BIG-750 and BIG-1150 grease interceptors are tested and certified to the PDI G-101, ASME A112.14.3 and CSA B481 Standards and listed with I.A.P.M.O. Big Max grease interceptors are also in compliance with International Plumbing Code (I.P.C.) / I.C.C. by I.A.P.M.O.

**Grease Design Capacity**

MIFAB®'s BIG-750 has a flow rate of 75 GPM and a grease design capacity of 750 lbs. and the BIG-1150 grease interceptor has a flow rate of 100 GPM and a grease design capacity of 1,150 lbs. These capacities are greater than others in the market.

**Grip Points for Anchor Kit**

Two grip points are provided on each side of the interceptor for easy handling. These grip points also serve as securing areas for MIFAB®'s high water anchor kit which allows the contractor to secure the interceptor to the ground before concrete is poured around the unit (Suffix –AK).

**Options and Accessories**

MIFAB®'s 37 years of experience with grease interceptors provides us with a superior knowledge of options and accessories often required with grease interceptors. We can expertly provide any of the following options: dosing pump, anchor kit, remote pump out, enzyme port, high level alarm, multiple inlet and outlet ports, sediment bucket and threaded connections.

**Lifetime Warranty. Made in the USA**

MIFAB® offers a limited lifetime warranty on all of our plastic grease and oil interceptors. MIFAB®'s plastic grease and oil interceptors are made in the United States of America and meet the requirements of the Buy American Act.

Made in U.S.A.

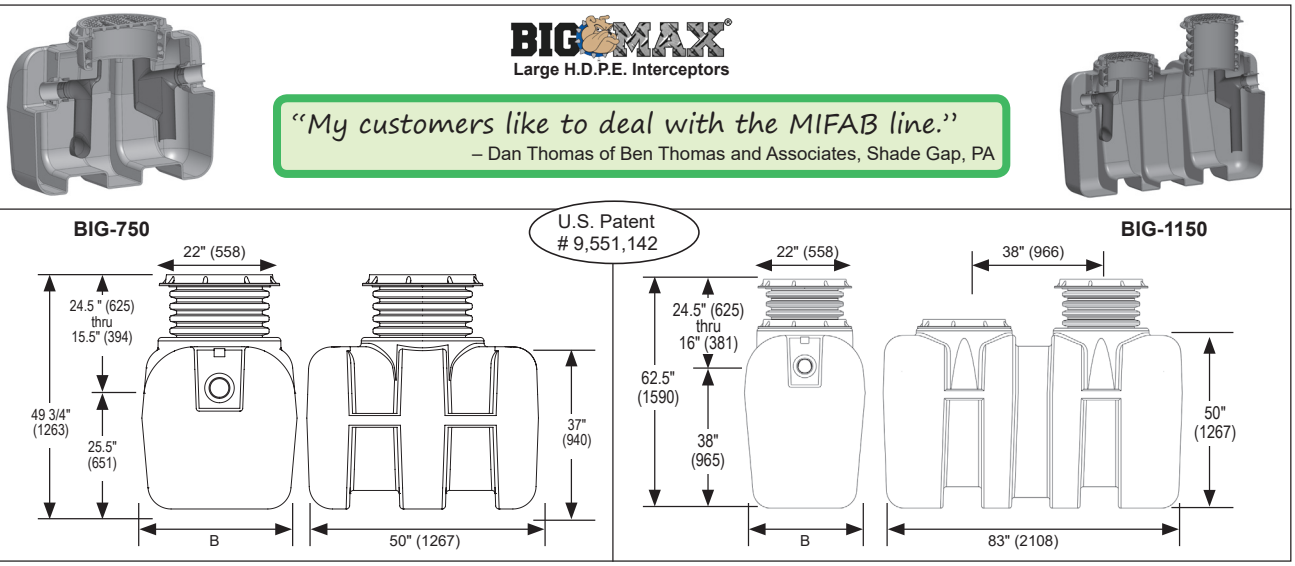
**Multiple Inlet/Outlet Options**

MIFAB®'s interceptors are manufactured with two flat spaces on each side for two optional side inlets or outlets on both sides of the interceptor. This allows for straight through or side inlet/outlet pipe connections. (Specify required suffix for desired optional inlet/outlet).

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**Specification:** MIFAB® Series BIG ____ HDPE rotational molded grease interceptor with flow rating of ____ (indicate) and liquid holding capacity of ____ (indicate). Unit shall include: 3/8" uniform wall thickness, deep seal trap covered by lid, internal air relief by-pass, adjustable lid system, stainless steel calibrated orifice plate (internal flow control), sample port access and 4" no hub inlet and outlet connections. Steel encased composite lid provides a water / gas tight seal and has a minimum of 20,000 lbs. load capacity. The lid is designed in accordance with the loading requirements of AASHTO H20. Interceptor shall be tested and certified to the P.D.I. Standard PDI-G101, CSA B481, A.S.M.E. A112.14.3 and listed with I.A.P.M.O. Big Max grease interceptors are also in compliance with International Plumbing Code (I.P.C.) / I.C.C. by I.A.P.M.O.

**Function:** Used in restaurants, kitchens, institutional and industrial facilities such as food processing and packaging plants and other types of food processing areas where fat, oil and grease (FOG) drains with the waste water. Typically installed either on or into the floor. Narrow width permits access through doorways and down stairwells. High Density Polyethylene construction ensures a lightweight installation process (two people can move and install it). Regular maintenance is required to keep the interceptor functioning. All Big Max interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.




| Model No. | Flow Rate (GPM) | Grease Design Capacity | Liquid Holding Capacity (Gallons) | B Width | Shipping Weight (Lbs.) | List Price |
|---|---|---|---|---|---|---|
| **BIG-750** | 75 | 501 lbs. (69.50 Gallons) | 140 | 33.50" | 150 | **$3,082.00** |
| **BIG-1150** | 100 | 1,556 lbs. (216 Gallons) | 300 | 33.50" | 275 | **$5,782.00** |

Note: the BIG-750 and BIG-1150 models only meet PDI Standards when installed with an external, vented flow control fitting.

| Suffix | Optional Variations | Model No. | List Price |
|---|---|---|---|
| **-AK** | Anchor kit (set of two) - for 75 GPM HDPE int. | BIG-750-AK-SET | **$650.00** |
| **-AK** | Anchor kit (set of two) - for 100 GPM HDPE int. | BIG-1150-AK-SET | **$650.00** |
| **-C** | Lid extension (specify "C" dimension req.) - for 75 GPM (This is up to a 44" high extension system) | BIG-EXT-44 | **$612.00** |
| **-C** | Lid extension (specify "C" dimension req.) - for 100 GPM (This is up to a 44" high extension system) | BIG-EXT-44 (2 pcs req.) | **$1,224.00** |
| **-C+** | Lid extension from 44" to 72" (specify "C" dimension req.) For 75 GPM HDPE Interceptors. Per inch price. | BIG-EXT-72 | **$26.00** |
| **-C+** | Lid extension from 44" to 72" (specify "C" dimension req.) For 100 GPM HDPE Interceptors. Per inch price. | BIG-EXT-72 (2 pcs req.) | **$52.00** |
| **-DI** | Ductile Iron lid and collar - for 75 GPM HDPE Int. | BIG-PL4 | **$694.00** |
| **-DI** | Ductile Iron lid and collar - for 100 GPM HDPE Int, | BIG-PL4 (2 pcs req.) | **$1,388.00** |
| **-DP** | Dosing pump | BIG-DP | **$812.00** |
| **-EP** | Enzyme port | BIG-EP | **$63.00** |
| **-F6** | 6" no hub inlet + outlet-(for each piece-2 pcs req. per int.) | BIG-PF6 | **$216.00** |
| **-FL-C** | Membrane clamp kit | BIG-FLC | **$378.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | BIG-HLA | **$940.00** |
| **-LHSI** | 4" no hub inlet on left hand side | BIG-PF4 | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | BIG-PF4 | **$60.00** |
| **-PDI** | PDI plate and external vented flow control fitting to meet PDI Standards) | -PDI | **No Add** |
| **-POK** | Remote pump out kit | BIG-POK | **$396.00** |
| **-RHSI** | 4" no hub inlet on right hand side | BIG-PF4 | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | BIG-PF4 | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | BIG-RPO | **$110.00, each** |
| **-SB** | Sediment bucket - for 75 GPM HDPE Int. | BIG-750-PSB | **$602.00** |
| **-SB** | Sediment bucket - for 100 GPM HDPE Int. | BIG-1150-PSB | **$875.00** |
| **-SP** | External Sampling port - inline, high connections | BIG-SP | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections | BIG-SP-L | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset | BIG-SP-OF | **$1,388.00** |
| **-T** | Female threaded connections (for each piece-2 pcs req. per int.) | BIG-PF(*)-FT(*) (*) Specify Conn. Size | **$60.00** |

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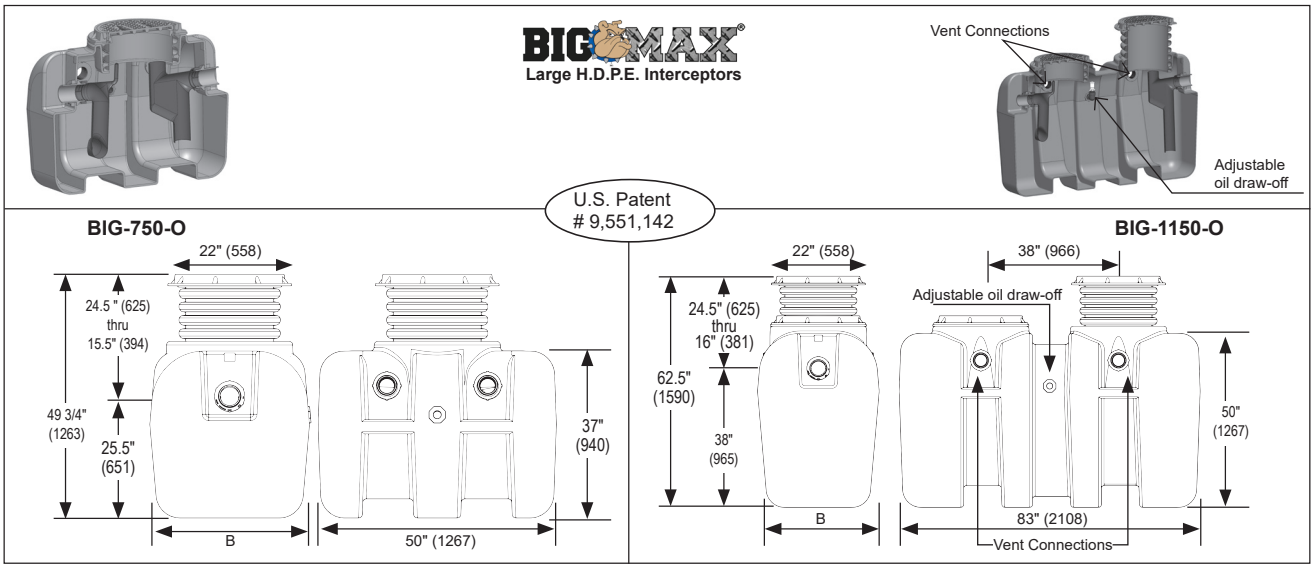
**MIFAB®**, Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA
**USA Toll Free: 1-800-465-2736 • Fax: 1-773-341-3049**
**Canada Toll Free: 1-800-387-3880 • sales@mifab.com**

All sales subject to MIFAB's® Terms and Warranties. Please refer to inside front cover.

**Specification:** MIFAB® Series BIG- ____ -O HDPE rotational molded oil interceptor with flow rating of ____ (indicate) and liquid holding capacity of ____ (indicate). Unit shall include: 3/8" uniform wall thickness, deep seal trap covered by lid, adjustable lid system, stainless steel calibrated orifice plate (internal flow control), internal air relief by-pass, adjustable oil draw-off assembly (1 1/2") on each side, double vent connections (3") on each side, sample port access and 4" no hub inlet and outlet connections. Steel encased composite lid provides a water / gas tight seal and has a minimum of 20,000 lbs. load capacity. The lid is designed in accordance with the loading requirements of AASHTO H20.

**Function:** Oil interceptors are required anywhere oil and sand may be introduced to the public sewer system in applications such as: repair garages, oil change stations, car wash facilities, parking garages, parking lots, hydraulic elevator pits and facilities where oil and flammable liquid waste are produced as a result of manufacturing, storage, maintenance, repair or testing processes.
The interceptor collects the oil before it is drained to an adjacent storage tank through an adjustable draw off system. Typically installed either on or into the floor. Narrow width permits access through doorways and down stairwells. High Density Polyethylene construction ensures a lightweight installation process (two people can move and install it). Regular maintenance is required to keep the interceptor functioning. All Big Max interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.




| Model No. | Flow Rate (GPM) | Oil Design Capacity | Liquid Holding Capacity (Gallons) | B Width | Shipping Weight (Lbs.) | List Price (Oil Interceptor) | List Price (Holding Tank) |
|---|---|---|---|---|---|---|---|
| **BIG-750-O** | 75 | 750 Lbs. (105 Gallons) | 140 | 33.50" | 150 | **$3,276.00** | **$2,900.00** |
| **BIG-1150-O** | 100 | 1.150 Lbs. (160 Gallons) | 300 | 33.50" | 275 | **$6,219.00** | **$5,800.00** |

| Suffix | Optional Variations | Model No. | List Price |
|---|---|---|---|
| **-AK** | Anchor kit (set of four) - for 75 GPM HDPE int. | BIG-750-AK-SET | **$650.00** |
| **-AK** | Anchor kit (set of four) - for 100 GPM HDPE int. | BIG-1150-AK-SET | **$1,300.00** |
| **-C** | Lid extension (specify "C" dimension req.) - for 75 GPM (This is up to a 44" high extension system) | BIG-EXT-44 | **$612.00** |
| **-C** | Lid extension (specify "C" dimension req.) - for 100 GPM (This is up to a 44" high extension system) | BIG-EXT-44 (2 pcs req.) | **$1,224.00** |
| **-C+** | Lid extension from 44" to 72" (specify "C" dimension req.) For 75 GPM HDPE Interceptors. Per inch price. | BIG-EXT-72 | **$26.00** |
| **-C+** | Lid extension from 44" to 72" (specify "C" dimension req.) For 100 GPM HDPE Interceptors. Per inch price. | BIG-EXT-72 (2 pcs req.) | **$52.00** |
| **-COA** | Coalescer Pack | BIG-COA | **$2,650.00** |
| **-DI** | Ductile Iron lid and collar - for 75 GPM HDPE Int. | BIG-PL4 | **$694.00** |
| **-DI** | Ductile Iron lid and collar - for 100 GPM HDPE Int. | BIG-PL4 (2 pcs req.) | **$1,388.00** |
| **-EP** | Enzyme port | BIG-EP | **$63.00** |
| **-F6** | 6" no hub inlet + outlet-(for each piece-2 pcs req. per int.) | BIG-PF6 | **$216.00** |
| **-FL-C** | Membrane clamp kit | BIG-FLC | **$378.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | BIG-HLA | **$940.00** |
| **-HT** | Holding Tank | | **See Above** |
| **-LHSI** | 4" no hub inlet on left hand side | BIG-PF4 | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | BIG-PF4 | **$60.00** |
| **-POK** | Remote pump out kit | BIG-POK | **$396.00** |
| **-RHSI** | 4" no hub inlet on right hand side | BIG-PF4 | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | BIG-PF4 | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | BIG-RPO | **$110.00, each** |
| **-SB** | Sediment bucket for 75 GPM HDPE Int. | BIG-750-PSB | **$602.00** |
| **-SB** | Sediment bucket for 100 GPM HDPE Int. | BIG-1150-PSB | **$875.00** |
| **-SP** | External Sampling port - inline, high connections | BIG-SP | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections | BIG-SP-L | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset | BIG-SP-OF | **$1,388.00** |
| **-T** | Female threaded connections (for each piece-2 pcs req. per int.) | BIG-PF(*)-FT(*) (*) Specify Conn. Size | **$60.00** |

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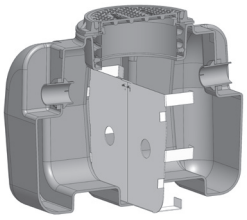
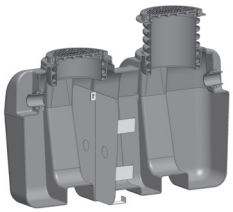
**Specification:** MIFAB® Series BIG- ___ -S HDPE rotational molded solids interceptor with solids holding capacity of ____ (indicate). Unit shall include: 3/8" uniform wall thickness, solids retention baffle with elevated 3" diameter passageway, adjustable lid system, sample port access and 4" no hub inlet and outlet connections. Steel encased composite lid provides a water / gas tight seal and has a minimum of 20,000 lbs. load capacity. The lid is designed in accordance with the loading requirements of AASHTO H20.

**Function:** Solids interceptors are required anywhere that solids may be introduced into the public sewer system in applications such as: barber shops, dentist offices, salons, artist studios, laundry facilities, machine shops, food waste, parking lots, car washes, food processing, livestock and agricultural drainage. These wastes must be separated before entering the sewer system. Ideally installed between the fixtures and the grease interceptor in restaurants, kitchens, institution industrial facilities such as food processing and packaging plants and other types of food processing areas where fat, oil and grease (FOG) drains with the waste water. Sediment and debris are collected inside of the internal sediment bucket to ensure that this matter does not clog the grease interceptor. Typically installed either on or into the floor. Narrow width permits access through doorways and down stairwells. High Density Polyethylene construction ensures a lightweight installation process (two people can move and install it). Regular maintenance is required to keep the interceptor functioning. All Big Max interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.

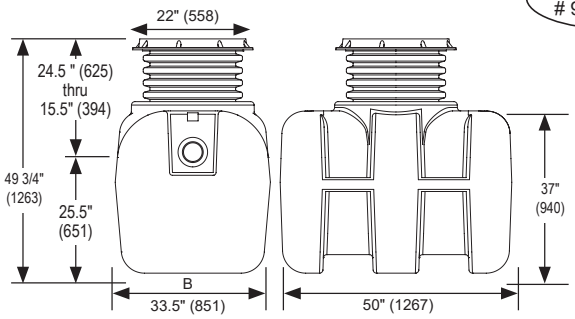


BIG MAX® Large H.D.P.E. Interceptors

*"MIFAB commercial plumbing products have you covered so nothing you need slips through your hands."* – Richard Aliff, Plumbing Engineer, BNK Engineering, Raleigh, NC

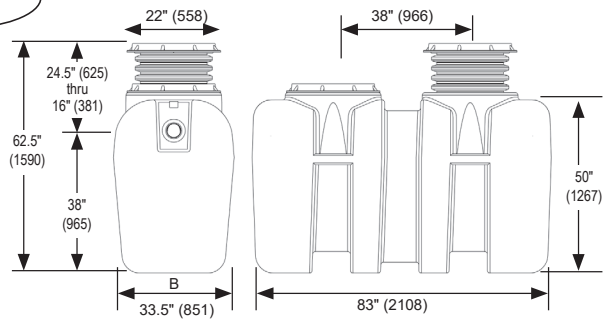


**BIG-140-S**




U.S. Patent # 9,551,142

**BIG-300-S**




| Model No. | Solids Holding Capacity (Gallons) | B Width | Shipping Weight (Lbs.) | List Price |
|---|---|---|---|---|
| **BIG-140-S** | 140 | 33.50" | 165 | **$4,881.00** |
| **BIG-300-S** | 300 | 33.50" | 290 | **$7,717.00** |

| Suffix | Optional Variations | Model No. | List Price |
|---|---|---|---|
| **-AK** | Anchor kit (set of four) - for BIG-140-S | BIG-750-AK-SET | **$650.00** |
| **-AK** | Anchor kit (set of four) - for BIG-300-S | BIG-1150-AK-SET | **$1,300.00** |
| **-C** | Lid extension (specify "C" dimension req.) - for BIG-140-S (This is up to a 44" high extension system) | BIG-EXT-44 | **$612.00** |
| **-C** | Lid extension (specify "C" dimension req.) - for BIG-300-S (This is up to a 44" high extension system) | BIG-EXT-44 (2 pcs req.) | **$1,224.00** |
| **-C+** | Lid extension from 44" to 72" (specify "C" dimension req.) For BIG-140-S. Per inch price. | BIG-EXT-72 | **$26.00** |
| **-C+** | Lid extension from 44" to 72" (specify "C" dimension req.) For BIG-300-S. Per inch price. | BIG-EXT-72 (2 pcs req.) | **$52.00** |
| **-DI** | Ductile Iron lid and collar - for BIG-140-S | BIG-PL4 | **$694.00** |
| **-DI** | Ductile Iron lid and collar - for BIG-300-S | BIG-PL4 (2 pcs req.) | **$1,388.00** |
| **-EP** | Enzyme port | BIG-EP | **$63.00** |
| **-F6** | 6" no hub inlet + outlet-(for each piece-2 pcs req. per int.) | BIG-PF6 | **$216.00** |
| **-FL-C** | Membrane clamp kit | BIG-FLC | **$378.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | BIG-HLA | **$940.00** |
| **-LHSI** | 4" no hub inlet on left hand side | BIG-PF4 | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | BIG-PF4 | **$60.00** |
| **-RHSI** | 4" no hub inlet on right hand side | BIG-PF4 | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | BIG-PF4 | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | BIG-RPO | **$110.00, each** |
| **-SP** | External Sampling port - inline, high connections | BIG-SP | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections | BIG-SP-L | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset | BIG-SP-OF | **$1,388.00** |
| **-T** | Female threaded connections (for each piece-2 pcs req. per int.) | BIG-PF(*)-FT(*) (*) Specify Conn. Size | **$60.00** |

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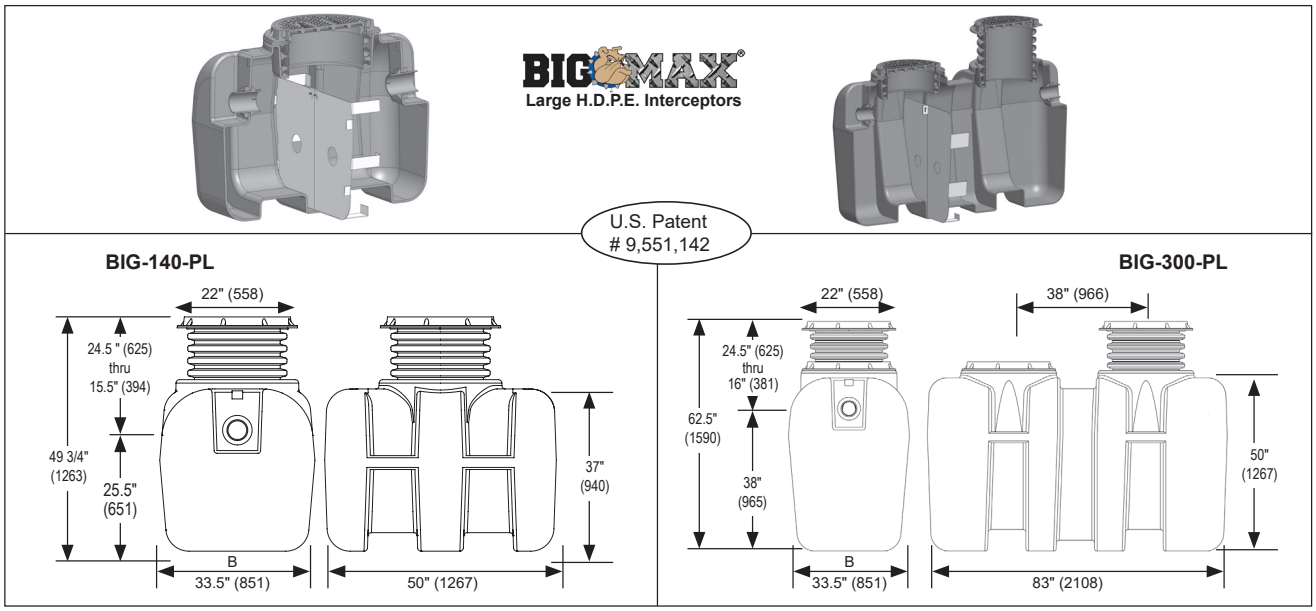
**Specification:** MIFAB® Series BIG- ___ -PL HDPE rotational molded plaster interceptor with solids holding capacity of ____ (indicate). Unit shall include: 3/8" uniform wall thickness, plaster retention baffle with elevated 3" diameter passageway, adjustable lid system, sample port access and 4" no hub inlet and outlet connections. Steel encased composite lid provides a water / gas tight seal and has a minimum of 20,000 lbs. load capacity. The lid is designed in accordance with the loading requirements of AASHTO H20.

**Function:** Plaster interceptors are required anywhere that solids may be introduced into the public sewer system in applications such as: barber shops, dentist offices, salons, artist studios, laundry facilities, machine shops, food waste, parking lots, car washes, food processing, livestock and agricultural drainage. These wastes must be separated before entering the sewer system. The plaster interceptor will filter out plaster and sediment from the fixture waste line before entering the pipe system to reduce clogging and improve performance. Typically installed either on or into the floor. Narrow width permits access through doorways and down stairwells. High Density Polyethylene construction ensures a lightweight installation process (two people can move and install it). Regular maintenance is required to keep the interceptor functioning. All Big Max interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.



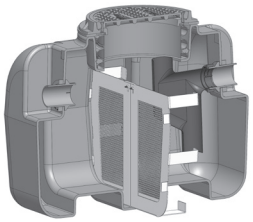

| Model No. | Plaster Holding Capacity (Gallons) | B Width | Shipping Weight (Lbs.) | List Price |
|---|---|---|---|---|
| **BIG-140-PL** | 140 | 33.50" | 165 | **$4,881.00** |
| **BIG-300-PL** | 300 | 33.50" | 290 | **$7,717.00** |

| Suffix | Optional Variations | Model No. | List Price |
|---|---|---|---|
| **-AK** | Anchor kit (set of four) - for BIG-140-PL | BIG-750-AK-SET | **$650.00** |
| **-AK** | Anchor kit (set of four) - for BIG-300-PL | BIG-1150-AK-SET | **$1,300.00** |
| **-C** | Lid extension (specify "C" dimension req.) - for BIG-140-PL (This is up to a 44" high extension system) | BIG-EXT-44 | **$612.00** |
| **-C** | Lid extension (specify "C" dimension req.) - for BIG-300-PL (This is up to a 44" high extension system) | BIG-EXT-44 (2 pcs req.) | **$1,224.00** |
| **-C+** | Lid extension from 44" to 72" (specify "C" dimension req.) For BIG-140-PL. Per inch price. | BIG-EXT-72 | **$26.00** |
| **-C+** | Lid extension from 44" to 72" (specify "C" dimension req.) For BIG-300-PL. Per inch price. | BIG-EXT-72 (2 pcs req.) | **$52.00** |
| **-DI** | Ductile Iron lid and collar - for BIG-140-PL | BIG-PL4 | **$694.00** |
| **-DI** | Ductile Iron lid and collar - for BIG-300-PL | BIG-PL4 (2 pcs req.) | **$1,388.00** |
| **-F6** | 6" no hub inlet + outlet-(for each piece-2 pcs req. per int.) | BIG-PF6 | **$216.00** |
| **-FL-C** | Membrane clamp kit | BIG-FLC | **$378.00** |
| **-LHSI** | 4" no hub inlet on left hand side | BIG-PF4 | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | BIG-PF4 | **$60.00** |
| **-RHSI** | 4" no hub inlet on right hand side | BIG-PF4 | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | BIG-PF4 | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | BIG-RPO | **$110.00, each** |
| **-SP** | External Sampling port - inline, high connections | BIG-SP | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections | BIG-SP-L | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset | BIG-SP-OF | **$1,388.00** |
| **-T** | Female threaded connections (for each piece-2 pcs req. per int.) | BIG-PF(*)-FT(*) (*) Specify Conn. Size | **$60.00** |

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**Specification:** MIFAB® Series BIG- ___ -L HDPE rotational molded lint interceptor with liquid holding capacity of ____ (indicate) gallons. Unit shall include: dual strainer baffles with ¼" perforations, deep seal trap covered by lid, adjustable lid system, sample port access and 4" no hub inlet and outlet connections. Steel encased composite lid provides a water / gas tight seal and has a minimum of 20,000 lbs. load capacity. The lid is designed in accordance with the loading requirements of AASHTO H20.

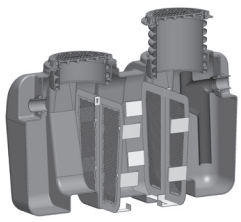
**Function:** Used in laundries and maintenance facilities to receive waste water that contains lint. The lint interceptor will filter out lint and sediment from the fixture waste line before entering the pipe system to reduce clogging and improve performance. Typically installed either on or into the floor. Narrow width permits access through doorways and down stairwells. High Density Polyethylene construction ensures a lightweight installation process (two people can move and install it). Regular maintenance is required to keep the interceptor functioning. All Big Max interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.

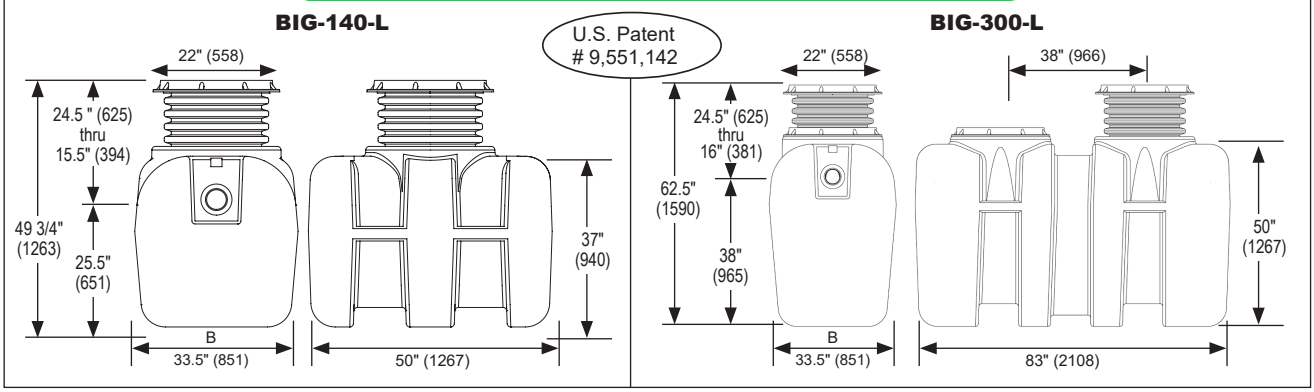


BIG MAX® Large H.D.P.E. Interceptors

"The unique extension system on the MIFAB plastic interceptor line makes our installations quick and easy."

– Larry Medlen, Project Manager, Rock City Mechanical, Nashville, TN






| Model No. | Liquid Holding Capacity (Gallons) | B Width | Shipping Weight (Lbs.) | List Price |
|---|---|---|---|---|
| **BIG-140-L** | 140 | 33.50" | 165 | **$4,605.00** |
| **BIG-300-L** | 300 | 33.50" | 290 | **$7,280.00** |

| Suffix | Optional Variations | Model No. | List Price |
|---|---|---|---|
| **-AK** | Anchor kit (set of four) - for BIG-140-L | BIG-750-AK-SET | **$650.00** |
| **-AK** | Anchor kit (set of four) - for BIG-300-L | BIG-1150-AK-SET | **$1,300.00** |
| **-C** | Lid extension (specify "C" dimension req.) - for BIG-140-L (This is up to a 44" high extension system) | BIG-EXT-44 | **$612.00** |
| **-C** | Lid extension (specify "C" dimension req.) - for BIG-300-L (This is up to a 44" high extension system) | BIG-EXT-44 (2 pcs req.) | **$1,224.00** |
| **-C+** | Lid extension from 44" to 72" (specify "C" dimension req.) For BIG-140-L, Per inch price. | BIG-EXT-72 | **$26.00** |
| **-C+** | Lid extension from 44" to 72" (specify "C" dimension req.) For BIG-300-L, Per inch price. | BIG-EXT-72 (2 pcs req.) | **$52.00** |
| **-DI** | Ductile Iron lid and collar - for BIG-140-L | BIG-PL4 | **$694.00** |
| **-DI** | Ductile Iron lid and collar - for BIG-300-L | BIG-PL4 (2 pcs req.) | **$1,388.00** |
| **-F6** | 6" no hub inlet + outlet-(for each piece-2 pcs req. per int.) | BIG-PF6 | **$216.00** |
| **-FL-C** | Membrane clamp kit | BIG-FLC | **$378.00** |
| **-LHSI** | 4" no hub inlet on left hand side | BIG-PF4 | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | BIG-PF4 | **$60.00** |
| **-RHSI** | 4" no hub inlet on right hand side | BIG-PF4 | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | BIG-PF4 | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | BIG-RPO | **$110.00, each** |
| **-SP** | External Sampling port - inline, high connections | BIG-SP | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections | BIG-SP-L | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset | BIG-SP-OF | **$1,388.00** |
| **-T** | Female threaded connections (for each piece-2 pcs req. per int.) | BIG-PF(*)-FT(*) (*) Specify Conn. Size | **$60.00** |

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



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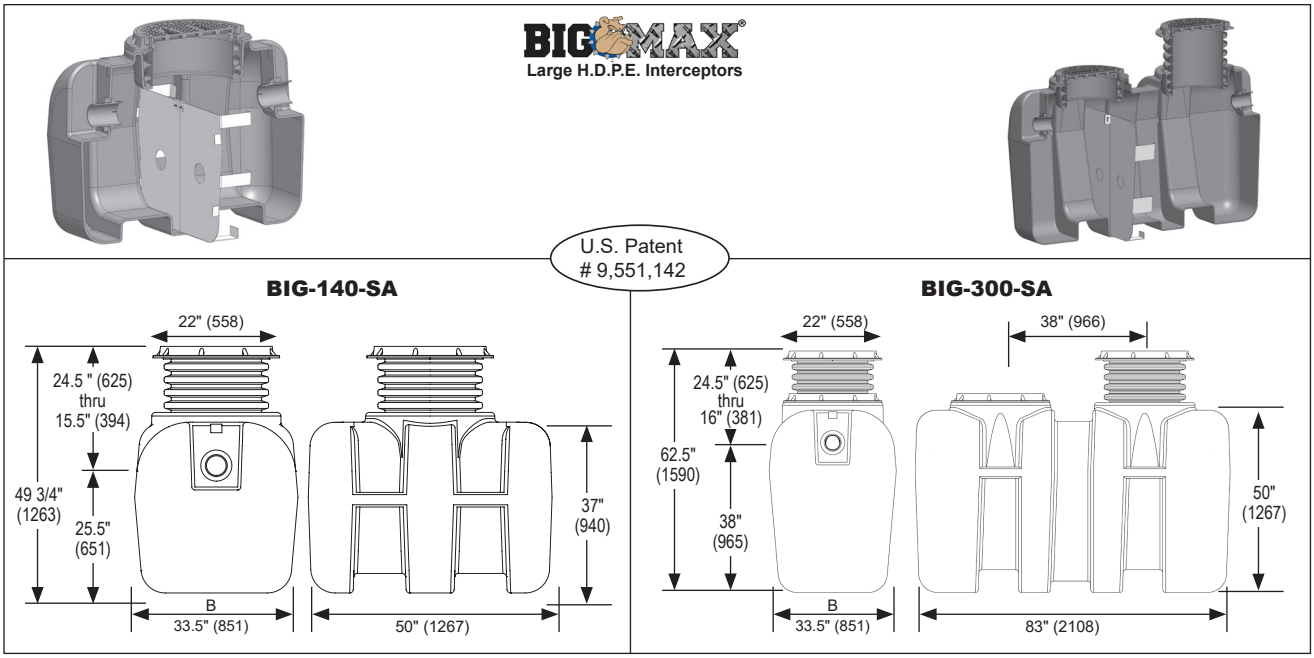
**Specification:** MIFAB® Series BIG- ___ -SA HDPE rotational molded sand interceptor with liquid holding capacity of ____ (indicate) gallons. Unit shall include: sand retention baffle with elevated 3" diameter passageway, 3/8" uniform wall thickness, adjustable lid system, sample port access and 4" no hub inlet and outlet connections. Steel encased composite lid provides a water / gas tight seal and has a minimum of 20,000 lbs. load capacity. The lid is designed in accordance with the loading requirements of AASHTO H20.

**Function:** Used in maintenance facilities to receive waste water that contains sand and sediment. The sand interceptor will filter out sand and sediment from the fixture waste line before entering the pipe system to reduce clogging and improve performance. Typically installed either on or into the floor. Narrow width permits access through doorways and down stairwells. High Density Polyethylene construction ensures a lightweight installation process (two people can move and install it). Regular maintenance is required to keep the interceptor functioning. All Big Max interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.



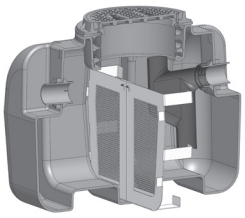

| Model No. | Liquid Holding Capacity (Gallons) | B Width | Shipping Weight (Lbs.) | List Price |
|---|---|---|---|---|
| **BIG-140-SA** | 140 | 33.50" | 165 | **$7,865.00** |
| **BIG-300-SA** | 300 | 33.50" | 290 | **$9,969.00** |

| Suffix | Optional Variations | Model No. | List Price |
|---|---|---|---|
| **-AK** | Anchor kit (set of four) - for BIG-140-SA | BIG-750-AK-SET | **$650.00** |
| **-AK** | Anchor kit (set of four) - for BIG-300-SA | BIG-1150-AK-SET | **$1,300.00** |
| **-C** | Lid extension (specify "C" dimension req.) - for BIG-140-SA (This is up to a 44" high extension system) | BIG-EXT-44 | **$612.00** |
| **-C** | Lid extension (specify "C" dimension req.) - for BIG-300-SA (This is up to a 44" high extension system) | BIG-EXT-44 (2 pcs req.) | **$1,224.00** |
| **-C+** | Lid extension from 44" to 72" (specify "C" dimension req.) For BIG-140-SA, Per inch price. | BIG-EXT-72 | **$26.00** |
| **-C+** | Lid extension from 44" to 72" (specify "C" dimension req.) For BIG-300-SA, Per inch price. | BIG-EXT-72 (2 pcs req.) | **$52.00** |
| **-DI** | Ductile Iron lid and collar - for BIG-140-SA | BIG-PL4 | **$694.00** |
| **-DI** | Ductile Iron lid and collar - for BIG-300-SA | BIG-PL4 (2 pcs req.) | **$1,388.00** |
| **-F6** | 6" no hub inlet + outlet-(for each piece-2 pcs req. per int.) | BIG-PF6 | **$216.00** |
| **-FL-C** | Membrane clamp kit | BIG-FLC | **$378.00** |
| **-LHSI** | 4" no hub inlet on left hand side | BIG-PF4 | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | BIG-PF4 | **$60.00** |
| **-RHSI** | 4" no hub inlet on right hand side | BIG-PF4 | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | BIG-PF4 | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | BIG-RPO | **$110.00, each** |
| **-SP** | External Sampling port - inline, high connections | BIG-SP | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections | BIG-SP-L | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset | BIG-SP-OF | **$1,388.00** |
| **-T** | Female threaded connections (for each piece-2 pcs req. per int.) | BIG-PF(*)-FT(*) (*) Specify Conn. Size | **$60.00** |

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

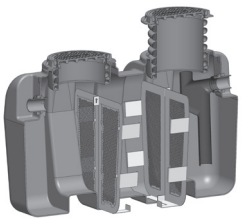
**Specification:** MIFAB® Series BIG- ___ -F HDPE rotational molded fish scale interceptor with liquid holding capacity of ____ (indicate) gallons. Unit shall include: dual strainer baffles with ¼" perforations, deep seal trap covered by lid, adjustable lid system, sample port access and 4" no hub inlet and outlet connections. Steel encased composite lid provides a water / gas tight seal and has a minimum of 20,000 lbs. load capacity. The lid is designed in accordance with the loading requirements of AASHTO H20.

**Function:** Used in fish processing plants and facilities that sell fish to receive waste water that contains fish scales. The fish scale interceptor will filter out fish scales from the fixture waste line before entering the pipe system to reduce clogging and improve performance. Typically installed either on or into the floor. Narrow width permits access through doorways and down stairwells. High Density Polyethylene construction ensures a lightweight installation process (two people can move and install it). Regular maintenance is required to keep the interceptor functioning. All Big Max interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.



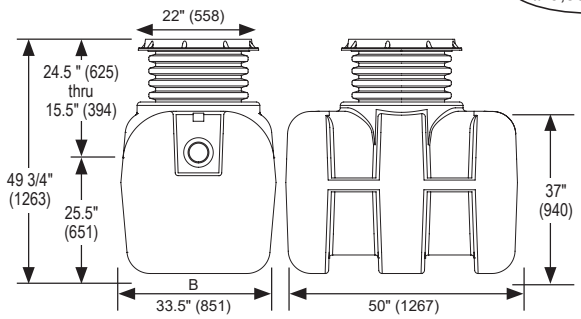
BIG MAX® Large H.D.P.E. Interceptors

"Plumbers have mentioned that it is a very cleanly made product with no problems in installation." – Action Plumbing Supply, Florida.

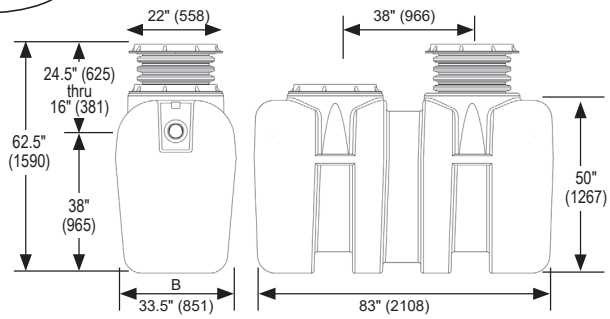


U.S. Patent # 9,551,142

**BIG-140-F**




**BIG-300-F**




| Model No. | Liquid Holding Capacity (Gallons) | B Width | Shipping Weight (Lbs.) | List Price |
|---|---|---|---|---|
| **BIG-140-F** | 140 | 33.50" | 165 | **$4,605.00** |
| **BIG-300-F** | 300 | 33.50" | 290 | **$7,280.00** |

| Suffix | Optional Variations | Model No. | List Price |
|---|---|---|---|
| **-AK** | Anchor kit (set of four) - for BIG-140-F | BIG-750-AK-SET | **$650.00** |
| **-AK** | Anchor kit (set of four) - for BIG-300-F | BIG-1150-AK-SET | **$1,300.00** |
| **-C** | Lid extension (specify "C" dimension req.) - for BIG-140-F (This is up to a 44" high extension system) | BIG-EXT-44 | **$612.00** |
| **-C** | Lid extension (specify "C" dimension req.) - for BIG-300-F (This is up to a 44" high extension system) | BIG-EXT-44 (2 pcs req.) | **$1,224.00** |
| **-C+** | Lid extension from 44" to 72" (specify "C" dimension req.) For BIG-140-F, Per inch price. | BIG-EXT-72 | **$26.00** |
| **-C+** | Lid extension from 44" to 72" (specify "C" dimension req.) For BIG-300-F, Per inch price. | BIG-EXT-72 (2 pcs req.) | **$52.00** |
| **-DI** | Ductile Iron lid and collar - for BIG-140-F | BIG-PL4 | **$694.00** |
| **-DI** | Ductile Iron lid and collar - for BIG-300-F | BIG-PL4 (2 pcs req.) | **$1,388.00** |
| **-F6** | 6" no hub inlet + outlet-(for each piece-2 pcs req. per int.) | BIG-PF6 | **$216.00** |
| **-FL-C** | Membrane clamp kit | BIG-FLC | **$378.00** |
| **-LHSI** | 4" no hub inlet on left hand side | BIG-PF4 | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | BIG-PF4 | **$60.00** |
| **-RHSI** | 4" no hub inlet on right hand side | BIG-PF4 | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | BIG-PF4 | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | BIG-RPO | **$110.00, each** |
| **-SP** | External Sampling port - inline, high connections | BIG-SP | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections | BIG-SP-L | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset | BIG-SP-OF | **$1,388.00** |
| **-T** | Female threaded connections (for each piece-2 pcs req. per int.) | BIG-PF(*)-FT(*) (*) Specify Conn. Size | **$60.00** |

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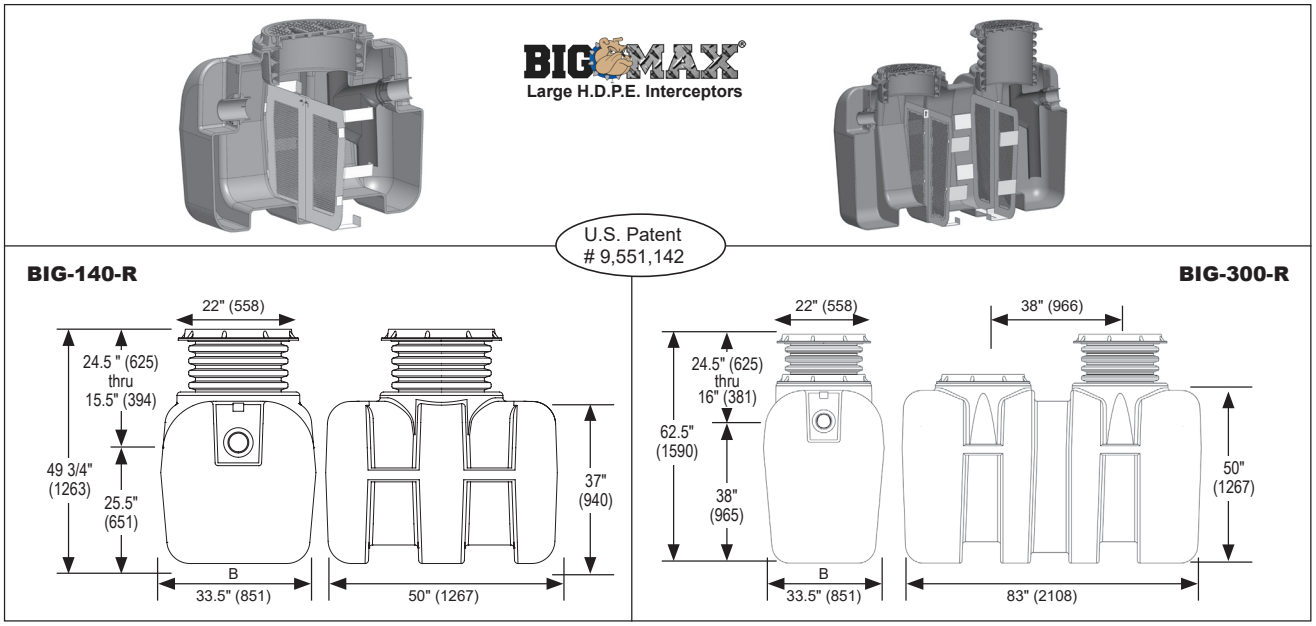
**Specification:** MIFAB® Series BIG- ___ -R HDPE rotational molded rice interceptor with liquid holding capacity of ____ (indicate) gallons. Unit shall include: dual strainer baffles with ¼" perforations, deep seal trap covered by lid, adjustable lid system, sample port access and 4" no hub inlet and outlet connections. Steel encased composite lid provides a water / gas tight seal and has a minimum of 20,000 lbs. load capacity. The lid is designed in accordance with the loading requirements of AASHTO H20.

**Function:** Used in food processing plants and restaurant facilities that have a lot of rice to receive waste water. The rice interceptor will filter out rice from the fixture waste line before entering the pipe system to reduce clogging and improve performance. Typically installed either on or into the floor. Narrow width permits access through doorways and down stairwells. High Density Polyethylene construction ensures a lightweight installation process (two people can move and install it). Regular maintenance is required to keep the interceptor functioning. All Big Max interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.




| Model No. | Liquid Holding Capacity (Gallons) | B Width | Shipping Weight (Lbs.) | List Price |
|---|---|---|---|---|
| **BIG-140-R** | 140 | 33.50" | 165 | **$4,605.00** |
| **BIG-300-R** | 300 | 33.50" | 290 | **$7,280.00** |

| Suffix | Optional Variations | Model No. | List Price |
|---|---|---|---|
| **-AK** | Anchor kit (set of four) - for BIG-140-R | BIG-750-AK-SET | **$650.00** |
| **-AK** | Anchor kit (set of four) - for BIG-300-R | BIG-1150-AK-SET | **$1,300.00** |
| **-C** | Lid extension (specify "C" dimension req.) - for BIG-140-R (This is up to a 44" high extension system) | BIG-EXT-44 | **$612.00** |
| **-C** | Lid extension (specify "C" dimension req.) - for BIG-300-R (This is up to a 44" high extension system) | BIG-EXT-44 (2 pcs req.) | **$1,224.00** |
| **-C+** | Lid extension from 44" to 72" (specify "C" dimension req.) For BIG-140-R, Per inch price. | BIG-EXT-72 | **$26.00** |
| **-C+** | Lid extension from 44" to 72" (specify "C" dimension req.) For BIG-300-R, Per inch price. | BIG-EXT-72 (2 pcs req.) | **$52.00** |
| **-DI** | Ductile Iron lid and collar - for BIG-140-R | BIG-PL4 | **$694.00** |
| **-DI** | Ductile Iron lid and collar - for BIG-300-R | BIG-PL4 (2 pcs req.) | **$1,388.00** |
| **-F6** | 6" no hub inlet + outlet-(for each piece-2 pcs req. per int.) | BIG-PF6 | **$216.00** |
| **-FL-C** | Membrane clamp kit | BIG-FLC | **$378.00** |
| **-LHSI** | 4" no hub inlet on left hand side | BIG-PF4 | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | BIG-PF4 | **$60.00** |
| **-RHSI** | 4" no hub inlet on right hand side | BIG-PF4 | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | BIG-PF4 | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | BIG-RPO | **$110.00, each** |
| **-SP** | External Sampling port - inline, high connections | BIG-SP | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections | BIG-SP-L | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset | BIG-SP-OF | **$1,388.00** |
| **-T** | Female threaded connections (for each piece-2 pcs req. per int.) | BIG-PF(*)-FT(*) (*) Specify Conn. Size | **$60.00** |

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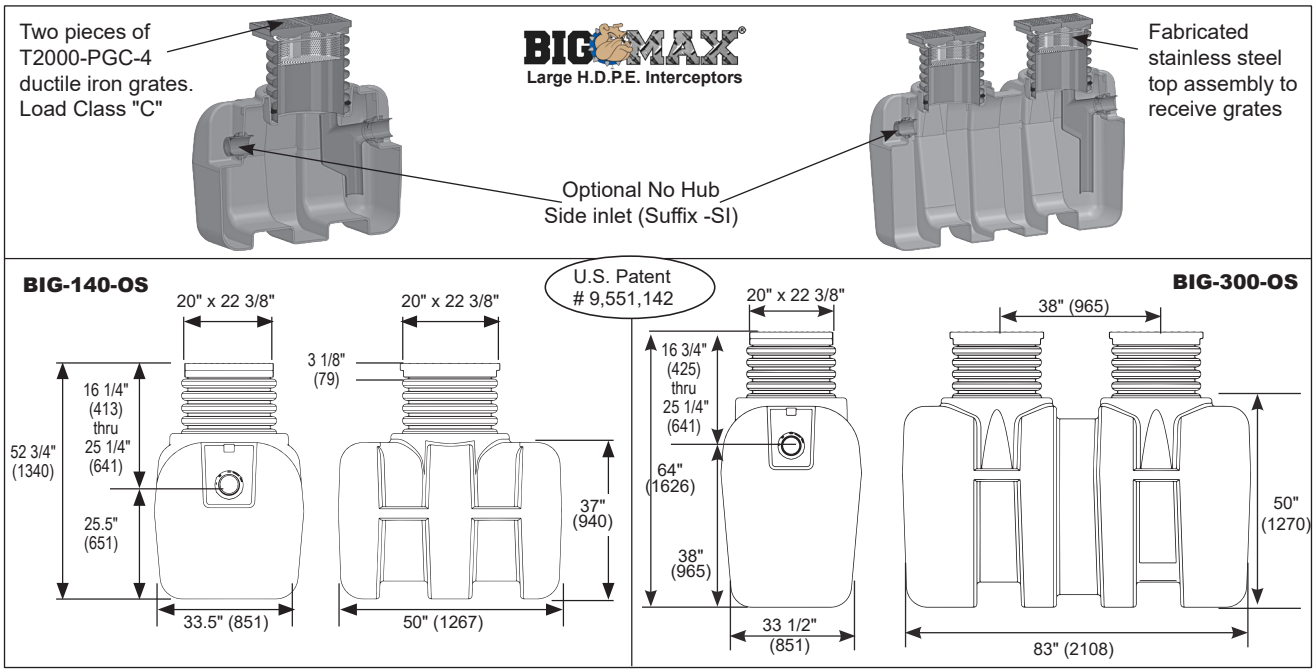
**Specification:** MIFAB® Series BIG- _____ -OS (indicate model) HDPE rotational molded oil / sediment interceptor with liquid holding capacity of _____ (indicate). Unit shall include: 3/8" uniform wall thickness, deep seal trap covered by Load Class "C" ductile iron top inlet grates, sediment bucket (1/4" diameter holes) within adjustable top assembly system, internal air relief by-pass and sample port access.

**Function:** Oil / sediment interceptors are required anywhere oil and sediment may be introduced to the public sewer system in applications such as: repair garages, oil change stations, car wash facilities, parking garages and facilities where oil and flammable liquid waste are produced as a result of manufacturing, storage, maintenance, repair or testing processes. Sediment and debris are collected inside of the internal sediment bucket. Regular maintenance is required to keep the interceptor functioning. Interceptor to be installed flush with the floor. Standard BIG-OS models are made with "special duty" load rated (over 10,000 lbs.) ductile iron top inlet grates. The optional -SI models are made with an 4" no hub inlet opposite the outlet.




| Model No. | SLUDGE CAPACITY (LBS.) | Liquid Holding Capacity (Gallons) | B Width | Shipping Weight (Lbs.) | List Price |
|---|---|---|---|---|---|
| **BIG-140-OS** | 750 Lbs. (105 Gallons) | 140 | 33.50" | 250 | **$2,960.00** |
| **BIG-300-OS** | 1,150 Lbs. (160 Gallons) | 300 | 33.50" | 375 | **$5,100.00** |

| Suffix | Optional Variations | Model No. | List Price |
|---|---|---|---|
| **-3** | Stainless steel veneer bolted to top of ductile iron grates | | **$950.00** |
| **-AK** | Anchor kit (set of four) - for BIG-140-OS | BIG-750-AK-SET | **$650.00** |
| **-AK** | Anchor kit (set of four) - for BIG-300-OS | BIG-1150-AK-SET | **$1,300.00** |
| **-C** | Lid extension (specify "C" dimension req.) - for BIG-140-OS (This is up to a 44" high extension system) | BIG-EXT-44 | **$612.00** |
| **-C** | Lid extension (specify "C" dimension req.) - for BIG-300-OS (This is up to a 44" high extension system) | BIG-EXT-44 (2 pcs req.) | **$1,224.00** |
| **-C+** | Lid extension from 44" to 72" (specify "C" dimension req.) For BIG-140-OS, Per inch price. | BIG-EXT-72 | **$26.00** |
| **-C+** | Lid extension from 44" to 72" (specify "C" dimension req.) For BIG-300-OS, Per inch price. | BIG-EXT-72 (2 pcs req.) | **$52.00** |
| **-F6** | 6" no hub outlet | BIG-PF6 | **$216.00** |
| **-FL-C** | Membrane clamp kit | BIG-FLC | **$378.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | BIG-HLA | **$940.00** |
| **-LHSI** | 4" no hub inlet on left hand side | BIG-PF4 | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | BIG-PF4 | **$60.00** |
| **-RHSI** | 4" no hub inlet on right hand side | BIG-PF4 | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | BIG-PF4 | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | BIG-RPO | **$110.00, each** |
| **-SI** | No hub side inlet located on opposite side of outlet | BIG-SO | **$60.00** |
| **-SP** | External Sampling port - inline, high connections | BIG-SP | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections | BIG-SP-L | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset | BIG-SP-OF | **$1,388.00** |
| **-T** | Female threaded connections (for each) | BIG-PF(*)-FT(*) (*) Specify Conn. Size | **$60.00** |

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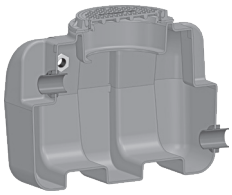
**Specification:** MIFAB® MIFAB BIG-_____ (specify size) - DECON decontamination tank with _____ (specify liquid holding capacity) U.S. gallons of liquid holding capacity has a limited lifetime warranty and is made in the U.S.A. out of seamless, rotationally molded High Density Polyethylene with 3/8" uniform wall thickness. Decontamination tank is designed for above or below ground installation and includes a direct connect lid system, 4" vent connection, and 4" no hub inlet connection. Steel encased composite lids provide a water / gas tight seal and have a minimum of 20,000 LB. load capacity – in accordance with the loading requirements of AASHTO H20. The high density polyethylene material is PE 3135 from Dow 9.39 with a density of 0.939 g/cm3.

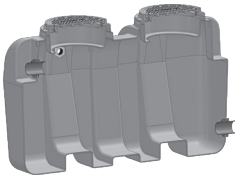
**Function:** Used with eyewashes and decontamination showers to capture the liquid wastes that can damage the building's drain, waste and vent system. Public sewer or ground / surface waters are required by Chapter 8 of the Uniform Plumbing Code (U.P.C.) and by the International Plumbing Code (I.P.C.) to be pretreated. This is also required by the AIA and ANSI.

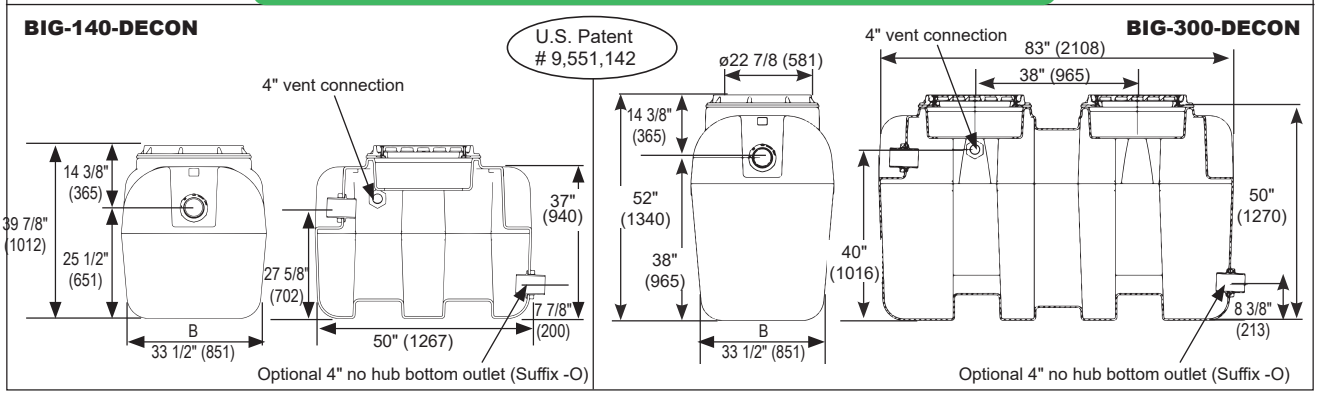


BIG MAX® Large H.D.P.E. Interceptors

"MIFAB has shown to be the low cost producer in our market. They have done it with improved technology and ease of product components. We have grown our business from 0 to over $150,000 in less than three years."

– Dan Patry, President, The Tap of Kansas Plumbing Supply, Wichita, KS






| Model No. | Liquid Holding Capacity (Gallons) | B Width | Shipping Weight (Lbs.) | List Price |
|---|---|---|---|---|
| **BIG-140-DECON** | 140 | 33.50" | 150 | **$3,082.00** |
| **BIG-300-DECON** | 300 | 33.50" | 275 | **$5,900.00** |

| Suffix | Optional Variations | Model No. | List Price |
|---|---|---|---|
| **-AK** | Anchor kit (set of four) - for BIG-140-DECON. | BIG-750-AK-SET | **$650.00** |
| **-AK** | Anchor kit (set of four) - for BIG-300-DECON. | BIG-1150-AK-SET | **$1,300.00** |
| **-C** | Lid extension (specify "C" dimension req.) - for BIG-140-DECON (This is up to a 44" high extension system) | BIG-EXT-44 | **$612.00** |
| **-C** | Lid extension (specify "C" dimension req.) - for BIG-300-DECON (This is up to a 44" high extension system) | BIG-EXT-44 (2 pcs req.) | **$1,224.00** |
| **-C+** | Lid extension from 44" to 72" (specify "C" dimension req.) For BIG-140-DECON. Per inch price. | BIG-EXT-72 | **$26.00** |
| **-C+** | Lid extension from 44" to 72" (specify "C" dimension req.) For BIG-300-DECON. Per inch price. | BIG-EXT-72 (2 pcs req.) | **$52.00** |
| **-DI** | Ductile Iron lid and collar - for BIG-140-DECON. | BIG-PL4 | **$694.00** |
| **-DI** | Ductile Iron lid and collar - for BIG-300-DECON. | BIG-PL4 (2 pcs req.) | **$1,388.00** |
| **-F6** | 6" no hub connections (for each piece) | BIG-PF6 | **$216.00** |
| **-FL-C** | Membrane clamp kit | BIG-FLC | **$378.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | BIG-HLA | **$940.00** |
| **-LHSI** | 4" no hub inlet on left hand side | BIG-PF4 | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | BIG-PF4 | **$60.00** |
| **-O** | Optional 4" outlet connection | BIG-PFO | **$216.00** |
| **-POK** | Remote pump out kit | BIG-POK | **$396.00** |
| **-RHSI** | 4" no hub inlet on right hand side | BIG-PF4 | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | BIG-PF4 | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | BIG-RPO | **$110.00, each** |
| **-SP** | External Sampling port - inline, high connections | BIG-SP | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections | BIG-SP-L | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset | BIG-SP-OF | **$1,388.00** |
| **-T** | Female threaded connections (for each piece-2 pcs req. per int.) | BIG-PF(*)-FT(*) (*) Specify Conn. Size | **$60.00** |

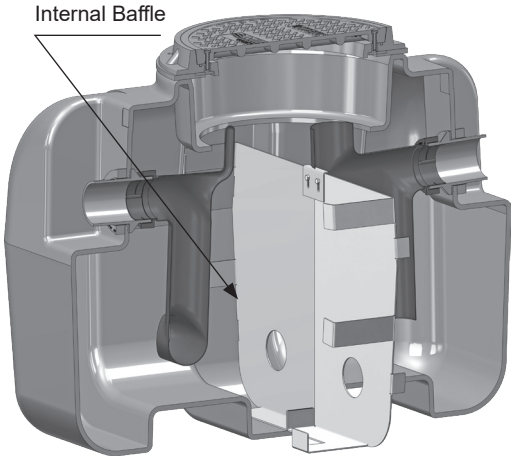
CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

## BIG MAX® GREASE INTERCEPTORS WITH INTERNAL BAFFLE

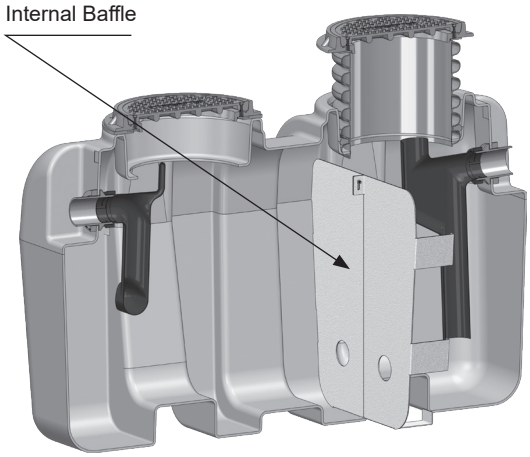
Some authorities and jurisdictions require the use of an internal baffle within the grease interceptor. MIFAB® offer this option (Suffix -IB) for the BIG-750 and BIG-1150 grease interceptors. The internal baffle is shipped separate from the interceptor and needs to be installed on site.

BIG MAX® Large H.D.P.E. Interceptors

> "I don't even need to think about it. I consider MIFAB to be our partner, not merely our vendor."
>
> – Tom Babcock of Kast Marketing, Chicago, IL




BIG-750-IB - with internal baffle




BIG-1150-IB - with internal baffle

**Extensions:** Extensions are typically required when the interceptor is buried into the ground and the inlet is lowered to meet the waste piping from the fixtures. In such a case, the lid needs to be "extended" up to the ground or grade level. With MIFAB®'s patented extension system every lid ships with an 18" x 18" piece of ADS corrugated pipe which provides the installer with up to a 24 1/2" "C" dimension. If a greater "C" dimension is required, the contractor has the option to purchase an extension from MIFAB® or to buy a length of ADS pipe from their local waterworks wholesaler in order to complete the installation immediately. This also means that the cost of the MIFAB® extension (when ordered from a local waterworks wholesaler will be significantly less expensive that buying the same height extension system from others). In addition, extensions from others are only available from that specific manufacturer – resulting in delays and time for production and shipment to the contractor. Flexible extensions make for easier installation where grade may be unlevel.

BIG-1150 illustrated with the -C extension

ADS pipe gasket illustrated. It is provided as standard with every piece of 18" diameter ADS pipe.

MIFAB® part # DWCP18-PG for the Big Max gasket (ADS part # 1859AG) and part # DWCP24-PG for the SuperMax gasket (ADS part# 2459AG). The ADS part # for their 18" corrugated pipe is 18N12) the part # for their 24" corrugated pipe is 24N12).

The gasket is assembled onto the ADS pipe - into one of the open grooves at the end of the pipe. The end of the pipe with the gasket is pressed into the top opening of the interceptor.

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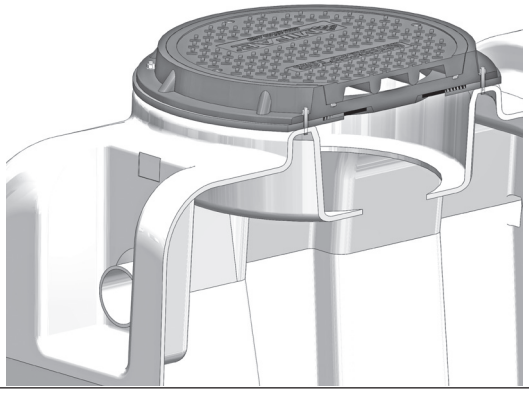
## DIRECT CONNECT LID - SUFFIX -DCL

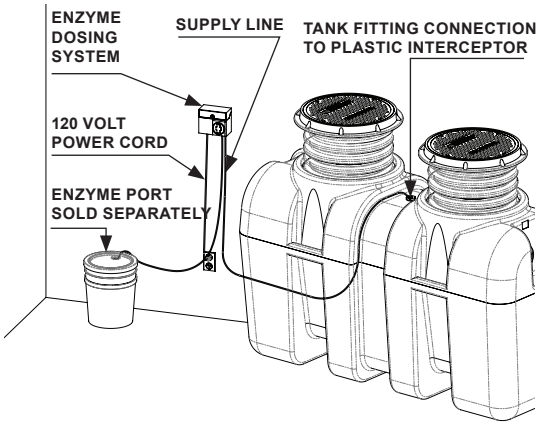
For above ground installations, the standard lid design is often not needed. With the -DCL option, the lid can be bolted to the top of the Big Max®. A gasket is supplied to install between the top of the interceptor and the underside of the lid. The direct connect gasket (part # BIG-PCG) and hardware (part # HS-25) are shipped standard with every Big Max interceptor (two of each for the large (two lid) Big Max and one of each for the one lid Big Max).



## ENZYME DOSING PUMP SYSTEM – SUFFIX -DS

The purpose of the enzyme dosing pump is to release grease and bacteria eating enzymes into the grease interceptor to consume the accumulated grease. The enzyme dosing pump can be ordered with any MIFAB grease interceptor. It is ideal for grease interceptors that are located in high volume kitchens.

The enzyme dosing pump system includes a 120 volt automatic dosing pump with a programmable 24 hour timer and dosage run time. The system also includes 15' of poly tubing.




## HIGH LEVEL ALARM

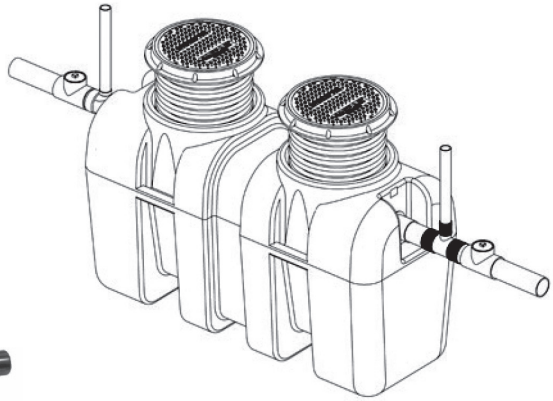
The purpose of the High Level Alarm is to monitor and send an audible and visual alarm when the interceptor's grease or oil capacity is approximately 75% full. (Specify suffix -HLA)

High level alarm systems can be installed on any MIFAB® grease or oil interceptors to allow the owner to monitor grease and oil levels. This permits the interceptor to be maintained when required.

The -HLA option includes an alarm control box that is weatherproof rated NEMA 4/4X, 6' 120VAC Power Cord, 360° viewable alarm light, 85 dB @ 10' solid tone alarm and a silence and test button that is to be mounted to the nearest structure. It also includes a float switch that is mounted inside the interceptor for oil or grease level detection and is connected to the alarm control box. Note that the the alarm control box and float switch are not installed at the MIFAB factory. They need to be installed on site.

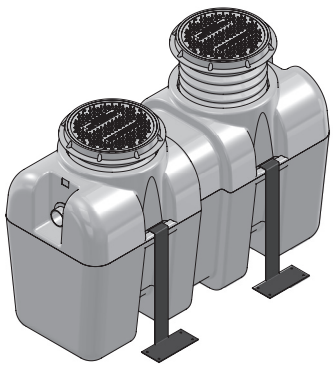
ALARM CONTROL BOX

FLOAT SWITCH



## ANCHOR KIT

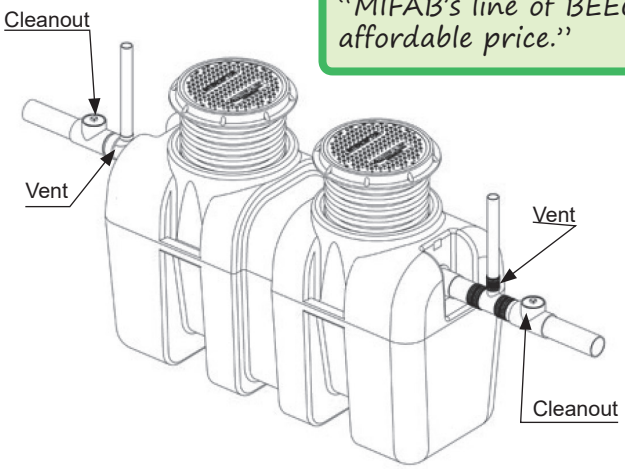
The Anchor Kit is used to secure the interceptor to a slab or to prevent buoyancy in a high water table. (Suffix -AK). The 750 comes with a set of 2 Anchors at 25" and the 1150 comes with a set of 4 Anchor at 33". (Suffix -AK)



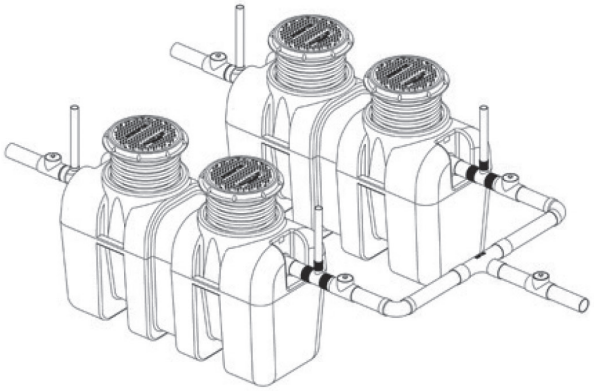
CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Big Max® Interceptors may be used in any number of different combinations to properly service the application.

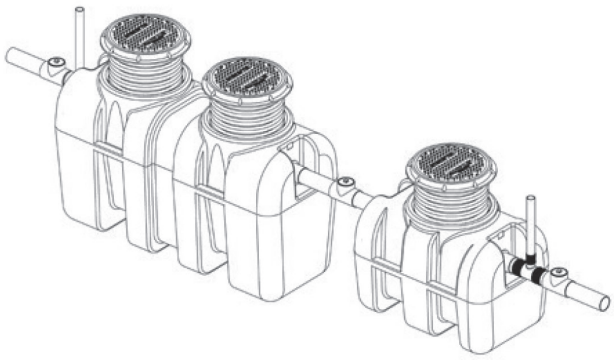
"MIFAB's line of BEECO backflow preventers equals quality at an affordable price." – Jeff Cisar, Prochazka Plumbing and Mechanical, Cleveland, Ohio



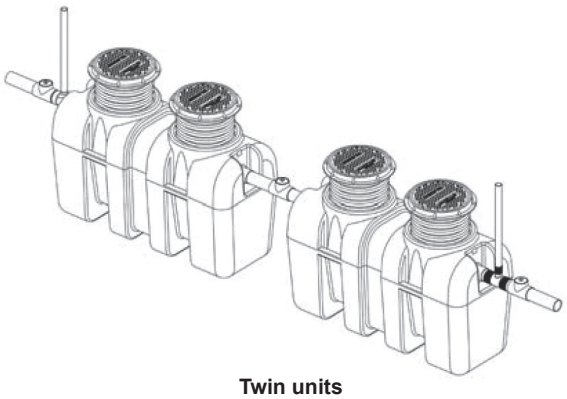

**Individually**



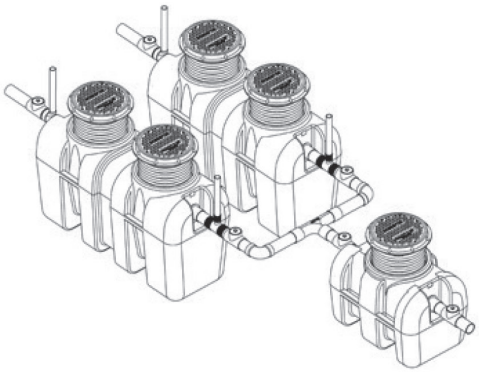
**Twin units in parallel**



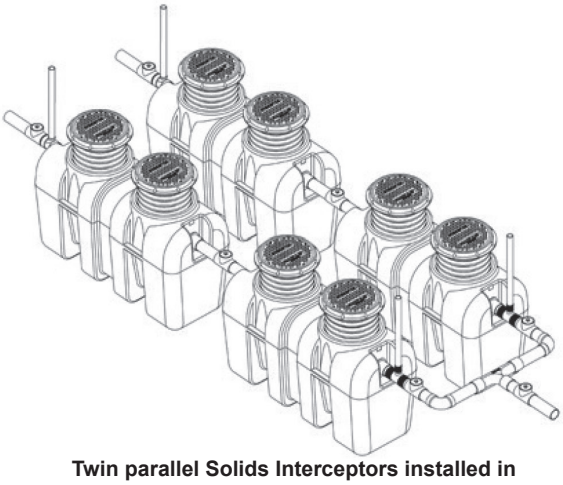
**Twin units installed in-line (small Big Max® unit used as Solids Interceptor)**



**Twin units (same size) installed in-line**



**Small Unit installed as Solids Interceptor in front of twin parallel Grease Interceptors**



**Twin parallel Solids Interceptors installed in front of twin parallel Grease Interceptors**

*** Please see MIFAB® Website for other combinations**

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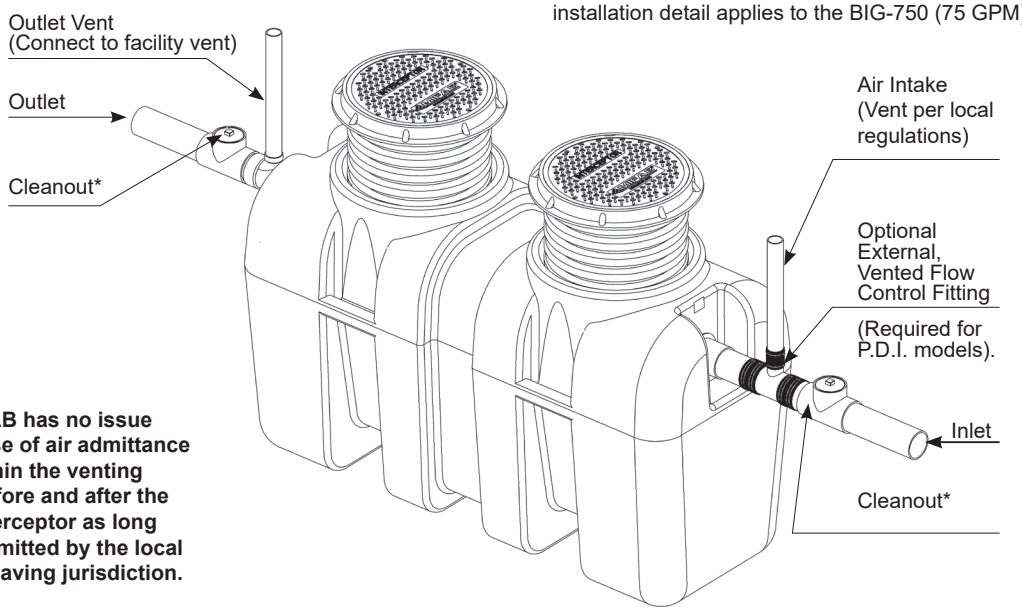
Venting of the Big Max® interceptor is recommended by MIFAB® and required for indoor installations.

- Vent the Big Max® grease interceptor on the inlet side. It is also recommended to vent the outlet side of the Big Max® grease interceptor right after the outlet. Big Max® solids interceptors do not require the use of an external, vented flow control fitting and should be vented off the inlet and outlet connections.




## INTERCEPTOR PLACEMENT

The interceptor should be visible and easily accessible for maintenance and inspection. The Big Max® can be installed in a basement, suspended from a ceiling (with a solid steel plate underneath the entire length and width of the interceptor) or in-ground in an exterior location. Ensure that adequate room is provided around the interceptor to allow easy access for a pump truck operator. Ensure that the height above the Big Max® access cover is enough to properly service the interceptor.

## INLET/OUTLET PIPING

The inlet and outlet piping connections require no hub pipe couplings. (See MIFAB®'s MI-HUB Series of no hub couplings). Keep outlet piping as straight as possible. MIFAB® recommends installation of 4" (102 mm) cleanouts on both the Inlet and Outlet of 4" Big Max® Interceptors and Solids Interceptors in accordance with all applicable laws, regulations and codes. Use only "sweep" connections. Do not reduce the pipe sizing on the outlet piping. Do not install a “P” trap on the outlet connection of system. (Note: The system already has an internal gas trap).

## FLOW CONTROLS

Big Max® interceptors are supplied with a stainless steel calibrated orifice plate (internal flow control). An external, vented, flow control fitting is required to be installed before the inlet of the grease interceptor to meet the P.D.I. G-101 Standard.

## VENTING THE OUTLET

An outlet vent or approved air admittance valve of at least 1/2 the diameter of the interceptor's outlet connection must be installed as close as possible to the Big Max® outlet to prevent possible siphonage problems. The vent on the outlet piping is to be installed in accordance with all applicable laws, regulations and codes. Failure to provide a vent for the interceptor voids MIFAB® Warranty for the system.

## RECOMMENDED EXCAVATION, BACKFILLING, AND FINISHING FOR BIG MAX® INTERCEPTORS

A. Install the interceptor(s) as close as practical to the fixtures being served.
B. The excavation must be a minimum of 12” greater on all sides of the tank.
C. The depth of the excavation must be greater than 6” on the bottom of the interceptor.
D. Fill the interceptor with water prior to backfilling in order to prevent the interceptor from floating.
E. Fully install the double wall corrugated pipe and lid prior to backfilling.
F. Concrete or finishing material requirements is to be determined by the specifying engineer.
G. Encase the interceptor in well-packed ¾” rock, or sand. Do not compact backfill around interceptor.
H. To prevent float out; the Anchor kit is recommended for installations in high water table conditions. This is to be determined by the specifying engineer.

**Note: Drawings are for reference only. Equipment must be installed in compliance with all applicable laws, regulations and codes, including plumbing codes. Installation should be done by a licensed plumber.**

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BIG MAX® Large H.D.P.E. Interceptors

SUPERMAX® Extra Large H.D.P.E. Interceptors

"It is always easy to deal with MIFAB."
– Tom Babcock of Kast Marketing, Chicago, IL

## GREEN TURTLE (PROCEPTOR) TO LIL MAX® AND BIG MAX®

### GREASE INTERCEPTORS

| Green Turtle (Proceptor) | MIFAB |
|---|---|
| GMC 50 | Lil-50 |
| GMC 50 CSA | Lil-50 |
| GMC 100 | BIG-750 |
| GMC 100 PDI/CSA | BIG-750-PDI |
| GMC 150 | BIG-750 |
| GMC 150 PDI/CSA | BIG-750-PDI |
| GMC 200 | BIG-750 |
| GMC 200 PDI/CSA | BIG-750-PDI |
| GMC 250 PDI/CSA | BIG-1150-PDI |
| GMC 300 | BIG-1150 |
| GMC 300 PDI/CSA | BIG-1150-PDI |
| Z250H | BIG-1150-PDI |

### OIL INTERCEPTORS

| Green Turtle (Proceptor) | MIFAB |
|---|---|
| OMC 50 | Lil-50-O |
| OMC 100 | BIG-750-O |
| OMC 150 | BIG-750-O |
| OMC 200 | BIG-750-O |
| OMC 300 | BIG-1150-O |

## SCHIER (BIG FOOT) TO SUPERMAX

### GREASE INTERCEPTORS

| Schier - Big Foot | MIFAB |
|---|---|
| GGI-750 | SUPER-750 |
| GB-1000 | SUPER-1000 |
| GGI-1000 | SUPER-1000 |
| GGI-1500 | SUPER-1500 |

### OIL INTERCEPTORS

| Schier - Big Foot | MIFAB |
|---|---|
| OS-750 | SUPER-750-O |
| OS-1000 | SUPER-1000-O |
| OS-1500 | SUPER-1500-O |

## GREEN TURTLE (PROCEPTOR) TO SUPERMAX®

### GREASE INTERCEPTORS

| Green Turtle (Proceptor) | MIFAB |
|---|---|
| GMC 500 | SUPER-500 |
| GMC 750 | SUPER-750 |
| GMC 1000 | SUPER-1000 |
| GMC 1300 | SUPER-1300 |
| GMC 1500 | SUPER-1500 |
| GMC 2000 | SUPER-2000 |
| GMC 2600 | SUPER-1300 x 2 pieces |
| GMC 3000 | SUPER-1500 x 2 pieces |
| GMC 500 UPC | SUPER-500 |
| GMC 750 UPC | SUPER-750 |
| GMC 1000 UPC | SUPER-1000 |
| GMC 1300 UPC | SUPER-1300 |
| GMC 1500 UPC | SUPER-1500 |
| GMC 2000 UPC | SUPER-2000 |
| GMC 2600 UPC | SUPER-1300 x 2 pieces |

### OIL INTERCEPTORS

| Green Turtle (Proceptor) | MIFAB |
|---|---|
| OMC 500 | SUPER-500-O |
| OMC 750 | SUPER-750-O |
| OMC 1000 | SUPER-1000-O |
| OMC 1300 | SUPER-1300-O |
| OMC 1500 | SUPER-1500-O |
| OMC 2000 | SUPER-2000-O |
| OMC 2600 | SUPER-1300-O x 2 pieces |
| OMC 3000 | SUPER-1500-O x 2 pieces |
| OMC 500 UPC | SUPER-500-O |
| OMC 750 UPC | SUPER-750-O |
| OMC 1000 UPC | SUPER-1000-O |
| OMC 1300 UPC | SUPER-1300-O |
| OMC 1500 UPC | SUPER-1500-O |
| OMC 2000 UPC | SUPER-2000-O |
| OMC 2600 UPC | SUPER-1300-O x 2 pieces |

## CANPLAS TO BIG MAX®

### GREASE INTERCEPTORS

| Canplas | MIFAB |
|---|---|
| 4075A04 | BIG-750 |
| 4075A04T | BIG-750-T |
| 40100A04 | BIG-1150 |
| 40100A04T | BIG-1150-T |

### FLOW CONTROL FITTINGS

| Canplas | MIFAB |
|---|---|
| 4044275A | FLC-XL-0 |
| 40442100A | FLC-XL-1 |

### EXTENSIONS

| Canplas | MIFAB |
|---|---|
| 40100AX18 | BIG-EXT-44 |
| 40100AX35 | BIG-EXT-44 |

## SCHIER TO BIG MAX®

### GREASE INTERCEPTORS

| Schier | MIFAB |
|---|---|
| GB-75 | BIG-750 |
| GB-250 | BIG-1150 |

### OIL INTERCEPTORS

| Schier | MIFAB |
|---|---|
| OS-75 | BIG-750-O |
| OS-100 | BIG-1150-O |

### OIL INTERCEPTORS - COLLECTION TANKS

| Schier | MIFAB |
|---|---|
| OCT-125 | BIG-750-O-HT |
| OCT-275 | BIG-1150-O-HT |

### SOLIDS INTERCEPTORS

| Schier | MIFAB |
|---|---|
| PS-125-B | BIG-140-S |
| PS-275-B | BIG-300-S |

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SUPERMAX®

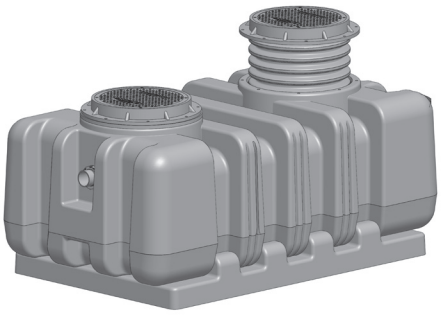
**Extra Large H.D.P.E. Interceptors**

Extra Large Grease and Oil Interceptors - 500, 750, 1000, 1300, 1500 and 2000 U.S. gallon liquid holding capacity. (Models can be combined to achieve 2600, 3000 and 4000 U.S. gallon liquid holding capacities.) Interceptor images below illustrate the standard lid design with the 24" diameter corrugated pipe between lid and body and also the direct connect lid (Option -DCL)

"Regarding the SuperMax, we were very pleased to learn that MIFAB could provide an interceptor that met our job site deep burial needs. We were impressed to learn that MIFAB made the effort to sit down with WSSC and develop a grease interceptor that conformed to WSSC Standards. This helped our jobs as PMs immensely as we all know WSSC has some tough Standards. We've been working closely with their engineers during the install and their ability to provide additional information we've needed has been fantastic. They were easy to install and it all came at some good pricing to us.

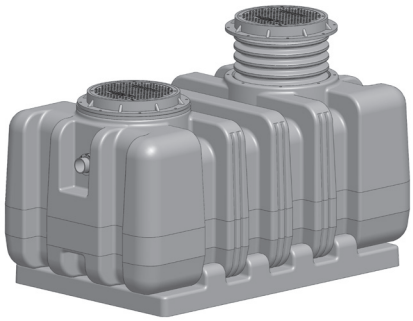
– Eric Gordy, Project Manager, Southland Industries, Dulles, VA

**SUPER-500 - Grease Interceptor (Page 64)**
**SUPER-500-O - Oil Interceptor (Page 73)**



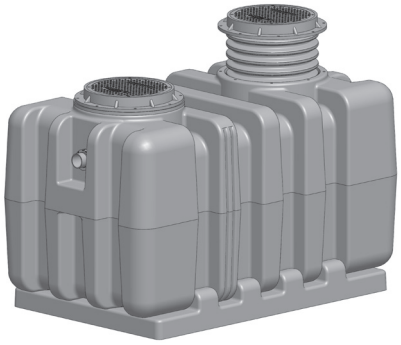
500 Gallons Liquid Holding Capacity

**SUPER-750 - Grease Interceptor (Page 65)**
**SUPER-750-O - Oil Interceptor (Page 74)**



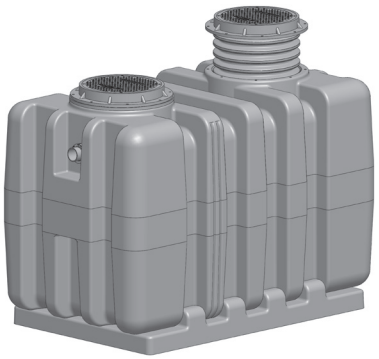
750 Gallons Liquid Holding Capacity

**SUPER-1000 - Grease Interceptor (Page 66)**
**SUPER-1000-O - Oil Interceptor (Page 75)**



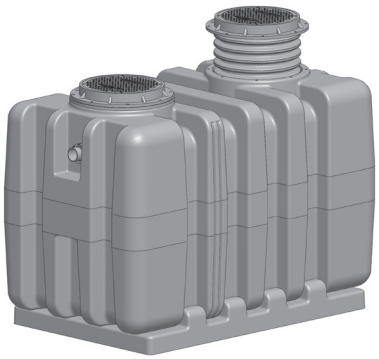
1,000 Gallons Liquid Holding Capacity

**SUPER-1250 - Grease Interceptor (Page 67)**
**SUPER-1250-O - Oil Interceptor (Page 76)**



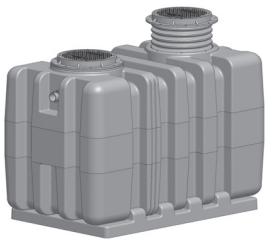
1,250 Gallons Liquid Holding Capacity

**SUPER-1300 - Grease Interceptor (Page 68)**
**SUPER-1300-O - Oil Interceptor (Page 77)**



1,300 Gallons Liquid Holding Capacity

**SUPER-1500 - Grease Interceptor (Page 69)**
**SUPER-1500-O - Oil Interceptor (Page 78)**

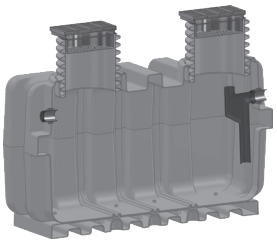


1,500 Gallons
Liquid Holding Capacity

**SUPER-2000 - Grease Interceptor (Page 70)**
**SUPER-2000-O - Oil Interceptor (Page 79)**

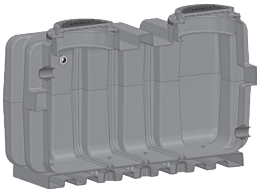
2,000 Gallons
Liquid Holding Capacity

**SUPER-OS - Oil / Sediment (Page 71)**



500 to 2,000 Gallons
Liquid Holding Capacity

**SUPER-DECON Decontamination Tanks (Page 72)**



500 to 2,000 Gallons
Liquid Holding Capacity

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



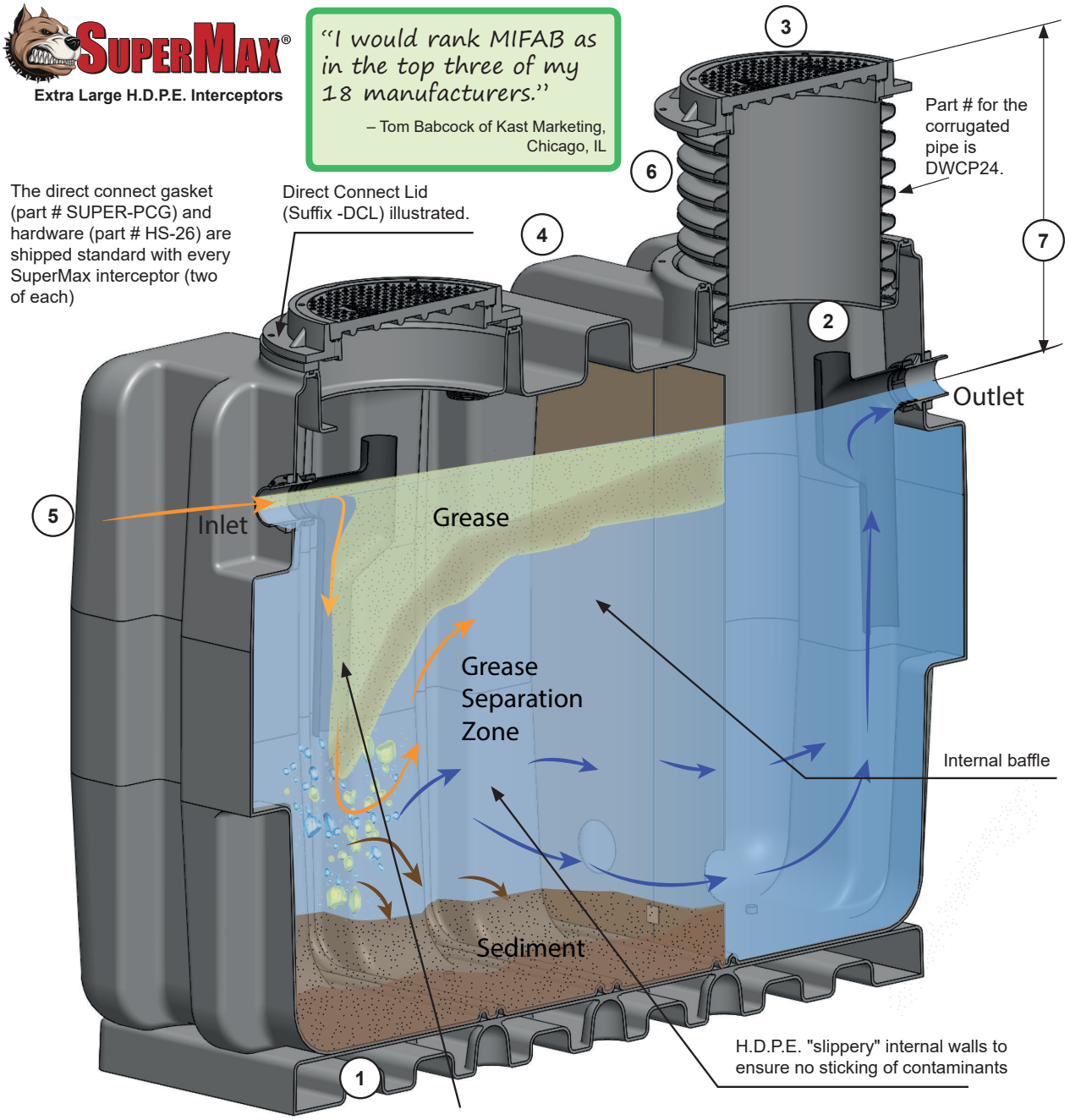
**MIFAB®**, Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA
**USA Toll Free: 1-800-465-2736 • Fax: 1-773-341-3049**
**Canada Toll Free: 1-800-387-3880 • sales@mifab.com**

All sales subject to MIFAB's® Terms and Warranties. Please refer to inside front cover.

Since 1982, MIFAB® has been manufacturing grease interceptors. Thirty-seven years of experience and customer feedback has given us an advantage when it comes to designing and manufacturing the best steel and stainless steel grease interceptors in the market. We have applied this experience to our new range of large, H.D.P.E., patented grease interceptors. We invite you to experience the MIFAB® difference – best in class when it comes to H.D.P.E. grease interceptors. The SUPERMAX® Series of gravity grease interceptors are also available as oil interceptors.

SUPERMAX®
**Extra Large H.D.P.E. Interceptors**

*"I would rank MIFAB as in the top three of my 18 manufacturers."*
– Tom Babcock of Kast Marketing, Chicago, IL




MIFAB®'s 37 years of manufacturing interceptors has provided us with a wealth of experience and knowledge on the factors that impact their performance. Our new and innovative Enviro-Flow® inlet and outlet design significantly reduces inlet velocity and creates optimal laminar flow to ensure maximum grease separation efficiency. Flow entering the MIFAB® interceptor is directed to the bottom by the inlet baffle to avoid any disturbance of the previously accumulated surface layer of grease / oil in the interceptor. The innovative design of the bottom of the inlet baffle directs the incoming waste water sideways into the interceptor for the most efficient laminar flow. The baffle also serves to reduce the velocity and surge of inflow, providing sufficient retention time for effective separation of the grease. The grease rises to the surface for manual or pump out removal and the baffle is easy to remove for cleaning. The waste water is now relieved of over 90% of the fats, oils, and greases and continues to flow through the interceptor.

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**1. Base for Body**

A base is always included with the SUPERMAX® gravity interceptors. This is an expensive option from others. The base provides a flat surface so that the interceptor can easily be installed above ground in applications like parking lot spaces. The base is 6" high and is always secured to the underside of the interceptor.

**2. Sample Port Access**

Sample port access is provided standard in our interceptors. Simply remove the lid to gain access to the top opening of the internal inlet and outlet piping. A sample of the water discharging from the interceptor can be taken from the top opening of the outlet piping (deep seal trap).

**3. H-20 Load Rated Lid**

Standard, 20,000 Lb. AASHTO H-20 load rated steel encased composite, gasketed lids and collar are standard to withstand heavy loads

**4. Structural Integrity**

Ribbed body design provides extra structural integrity for in ground installations. The body is manufactured in the USA out of seamless, rotationally molded High Density Polyethylene with a 3/8" uniform wall thickness. The body is strong but lightweight, allowing it to be installed without the need of a backhoe or crane. All SuperMax gravity interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.

**5. H.D.P.E. Material**

MIFAB®'s SUPERMAX® gravity grease and oil interceptors are made with 3/8" thick rotationally molded H.D.P.E. material. H.D.P.E. is less brittle than fiberglass and less likely to crack during installation. The ribbed body design provides for extra rigidity and is less likely to crack or break when installed underground and subject to earth pressures. H.D.P.E. has resistance to a greater amount of chemicals vs. fiberglass. Fiberglass is also hard and stiff and is subject to cracking. A rotationally molded H.D.P.E. interceptor, is simply tougher and has much greater impact resistance vs. fiberglass.

Fibreglass interceptors have a negative environmental impact because they are made with VOC's - (Volatile Organic Compounds). Facilities that produce fiberglass interceptors have a negative impact on the environment because of VOCs they put into the air. Rotationally molded H.D.P.E. interceptors have NO environmental impact.

**6. Extensions**

With MIFAB®'s patented extension system every lid ships with an 24" x 24" piece of ADS corrugated pipe which provides the installer with up to a 37.25" "C" dimension. If a greater "C" dimension is required, the contractor has the option to purchase an extension from MIFAB® or to buy a length of ADS pipe from their local waterworks wholesaler in order to complete the installation immediately. This also means that the cost of the MIFAB® extension (when ordered from a local waterworks wholesaler will be significantly less expensive that buying the same height extension system from others). In addition, extensions from others are only available from that specific manufacturer – resulting in delays and time for production and shipment to the contractor. Flexible extensions make for easier installation where grade may be unlevel.

Key Feature

**7. Extra Rough-in Dimension**

The standard "C" dimension on SUPERMAX® models is 37.25" and can be field adjusted by the contractor down to 20.25". The standard "C" dimension from others is typically 18". This means that contractors will not have to buy extensions as often - resulting in savings.

**Approvals**

MIFAB®'s SUPERMAX® gravity grease interceptors are tested and certified to the ANSI Z1001-2016, ASME A112.14.3, CSA B481 Standards and listed with IAPMO. The SUPER-500 is also tested and certified to the P.D.I. G-101 Standard.

Made in U.S.A.

**Options and Accessories**

MIFAB®'s 37 years of experience with grease interceptors provides us with a superior knowledge of options and accessories often required with grease interceptors. We can expertly provide any of the following options: dosing pump, enzyme port, high level alarm, anchor kit, remote pump out, multiple inlet and outlet ports, sediment bucket, coalescing pack and, threaded connections.

**Lifetime Warranty. Made in the USA**

MIFAB® offers a limited lifetime warranty on all of our plastic grease and oil interceptors. MIFAB®'s plastic grease and oil interceptors are made in the United States of America and meet the requirements of the Buy American Act.

**Multiple Inlet/Outlet Options**

MIFAB®'s interceptors are manufactured with flat spaces on each side for two optional side inlets or outlets on both sides of the interceptor. This allows for straight through or side inlet/outlet pipe connections. (Specify required suffix for desired optional inlet/outlet.)

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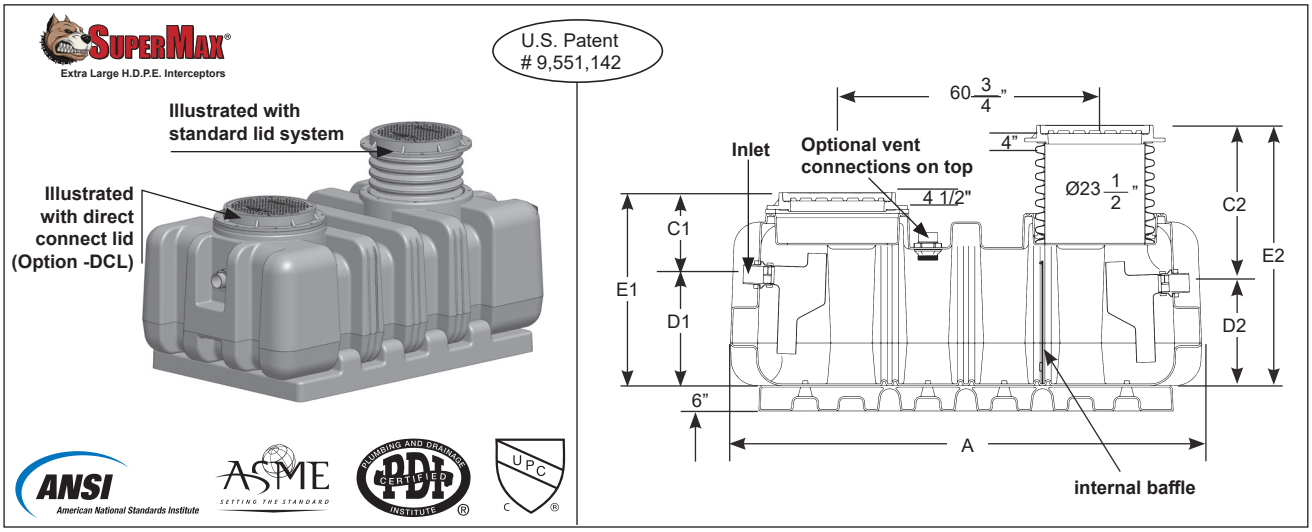
**Specification:** MIFAB® SUPER-500 gravity grease interceptor with 500 U.S. gallons of liquid holding capacity has a limited lifetime warranty and is made in the U.S.A. out of seamless, rotationally molded High Density Polyethylene with 3/8" uniform wall thickness. Interceptor is designed for above or below ground installation and includes an adjustable lid system, sample port access, internal baffle, deep seal trap covered by lid, internal air relief by-pass, stainless steel calibrated orifice plate (internal flow control), base for support and floor level installation and 4" no hub inlet and outlet connections. Steel encased composite lids provide a water / gas tight seal and have a minimum of 20,000 LB. load capacity - in accordance with the loading requirements of AASHTO H20. The high density polyethylene material is PE 3135 from Dow 9.39 with a density of 0.939 g/cm3. Note that the interceptor is tested and certified to the ASME A112.14.3, CSA B481 and ANSI Z1001 Standards and listed with I.A.P.M.O. The -PDI model is tested and certified to the PDI G-101 Standard, 100 GPM flow rate.

**Function:** Used in restaurants, kitchens, institutions, industrial facilities such as food processing and packaging plants and other types of food processing areas where fat, oil and grease (FOG) drains with the waste water. All SuperMax gravity interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.




| Model | Liquid Holding Capacity | Grease Retention Capacity | Flow Rate (GPM) | A | Width B | C¹ Dim. | C² Dim. | D¹ Dim. | D² Dim. | E¹ Dim. | E² Dim. | F Connection Size | Shipping Weight (Lbs.) | List Price |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SUPER-500** | 500 U.S. Gallons 1,890 Litres | 1,916 lbs. | 250 (Note: the flow rate is 100 GPM for the PDI model) | 111" 2820mm | 64" 1630mm | 18.75" 476mm | 37.25" 946mm | 26.25" 667mm | 24.25" 616mm | 45" 1143mm | 61.50" 1562mm | 4" 102mm | 950 | **$17,500.00** |

| Suffix | Optional Variations | List Price |
|---|---|---|
| **-AK** | Anchor kit (set of two) | **$1,300.00** |
| **-C** | Lid extension (specify dimension required) | **$460.00 per 12"** |
| **-COA** | Coalescer Pack | **$2,650.00** |
| **-DI** | Ductile iron lid & collar | **$1,400.00** |
| **-DP** | Dosing pump | **$812.00** |
| **-EP** | Enzyme port | **$63.00** |
| **-FL-C** | Membrane clamp kit | **$700.00** |
| **-F6** | 6" No Hub Inlet / Outlet connection (flow rate of 700 GPM with 6" connections) | **$216.00** |
| **-F8** | 8" No Hub Inlet / Outlet connection (fabricated stainless steel) (flow rate of 1,200 GPM with 8" connections) | **$216.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | **$940.00** |
| **-LHSI** | 4" no hub inlet on left hand side | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | **$60.00** |
| **-PDI** | PDI plate and external vented flow control fitting to meet PDI Standards | **No Add** |
| **-POK** | Remote pump out kit | **$396.00** |
| **-RHSI** | 4" no hub inlet on right hand side | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | **$110.00, each** |
| **-SB** | Sediment bucket | **$1,650.00** |
| **-SP** | External Sampling port - inline, high connections (Part # BIG-SP) | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections (Part # BIG-SP-L) | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset (Part # BIG-SP-OF) | **$1,388.00** |
| **-SST** | Fire resistant fabricated stainless steel interceptor | **Contact MIFAB** |
| **-ST** | Fire resistant fabricated 10 gauge powder epoxy coated steel interceptor | **Contact MIFAB** |
| **-V** | Vent connection - 4" (specify number required and location - side and / or top) | **$115.00, each vent** |

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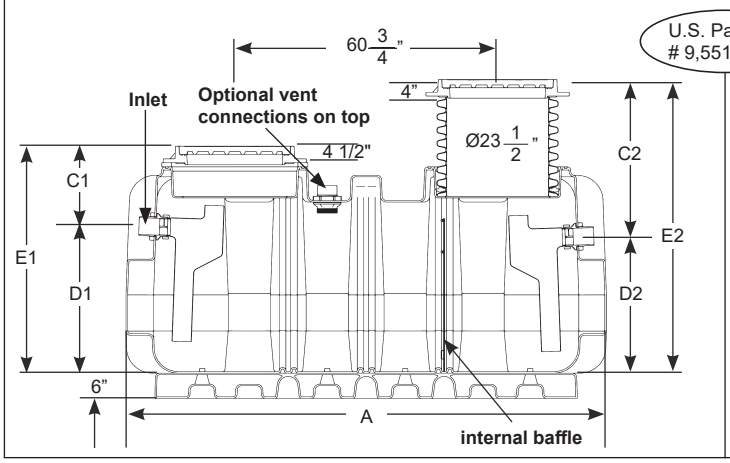
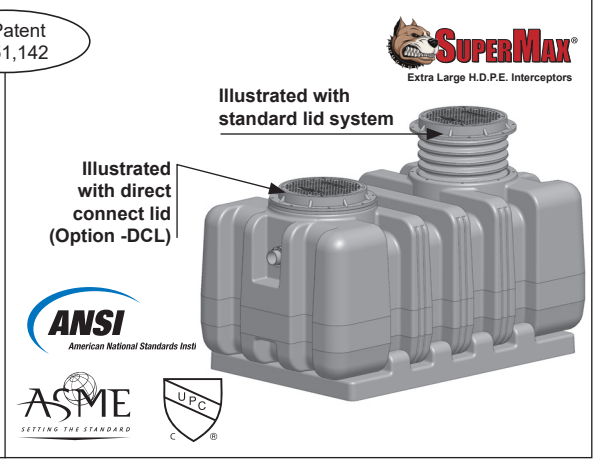
**Specification:** MIFAB® SUPER-750 gravity grease interceptor with 750 U.S. gallons of liquid holding capacity has a limited lifetime warranty and is made in the U.S.A. out of seamless, rotationally molded High Density Polyethylene with 3/8" uniform wall thickness. Interceptor is designed for above or below ground installation and includes an adjustable lid system, sample port access, internal baffle, deep seal trap covered by lid, internal air relief by-pass, stainless steel calibrated orifice plate (internal flow control), base for support and floor level installation and 4" no hub inlet and outlet connections. Steel encased composite lids provide a water / gas tight seal and have a minimum of 20,000 LB. load capacity - in accordance with the loading requirements of AASHTO H20. The high density polyethylene material is PE 3135 from Dow 9.39 with a density of 0.939 g/cm3. Note that the interceptor is tested and certified to the ASME A112.14.3, CSA B481 and ANSI Z1001 Standards and listed with I.A.P.M.O.

**Function:** Used in restaurants, kitchens, institutions, industrial facilities such as food processing and packaging plants and other types of food processing areas where fat, oil and grease (FOG) drains with the waste water. All SuperMax gravity interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.

*"The inventory with MIFAB has remained consistent and shipping has been good. This prevents customers from getting mad at us."* – Dan Thomas of Ben Thomas and Associates, Shade Gap, PA




| Model | Liquid Holding Capacity | Grease Retention Capacity | Flow Rate (GPM) | A | Width B | C¹ Dim. | C² Dim. | D¹ Dim. | D² Dim. | E¹ Dim. | E² Dim. | F Connection Size | Shipping Weight (Lbs.) | List Price |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SUPER-750** | 750 U.S. Gallons 2,840 litres | 2,875 lbs. | 250 | 111" 2820mm | 64" 1630mm | 18.75" 476mm | 37.25" 946mm | 34.88" 886mm | 32.88" 835mm | 53.63" 1362mm | 70.13" 1781mm | 4" 102mm | 1,015 | **$18,900.00** |

| Suffix | Optional Variations | List Price |
|---|---|---|
| **-AK** | Anchor kit (set of two) | **$1,300.00** |
| **-C** | Lid extension (specify dimension required) | **$460.00 per 12"** |
| **-COA** | Coalescer Pack | **$2,650.00** |
| **-DI** | Ductile iron lid & collar | **$1,400.00** |
| **-DP** | Dosing pump | **$812.00** |
| **-EP** | Enzyme port | **$63.00** |
| **-FL-C** | Membrane clamp kit | **$700.00** |
| **-F6** | 6" No Hub Inlet / Outlet connection (flow rate of 700 GPM with 6" connections) | **$216.00** |
| **-F8** | 8" No Hub Inlet / Outlet connection (fabricated stainless steel) (flow rate of 1,200 GPM with 8" connections) | **$216.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | **$940.00** |
| **-LHSI** | 4" no hub inlet on left hand side | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | **$60.00** |
| **-POK** | Remote pump out kit | **$396.00** |
| **-RHSI** | 4" no hub inlet on right hand side | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | **$110.00, each** |
| **-SB** | Sediment bucket | **$1,650.00** |
| **-SP** | External Sampling port - inline, high connections (Part # BIG-SP) | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections (Part # BIG-SP-L) | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset (Part # BIG-SP-OF) | **$1,388.00** |
| **-SST** | Fire resistant fabricated stainless steel interceptor | **Contact MIFAB** |
| **-ST** | Fire resistant fabricated 10 gauge powder epoxy coated steel interceptor | **Contact MIFAB** |
| **-V** | Vent connection - 4" (specify number required and location - side and / or top) | **$115.00, each vent** |

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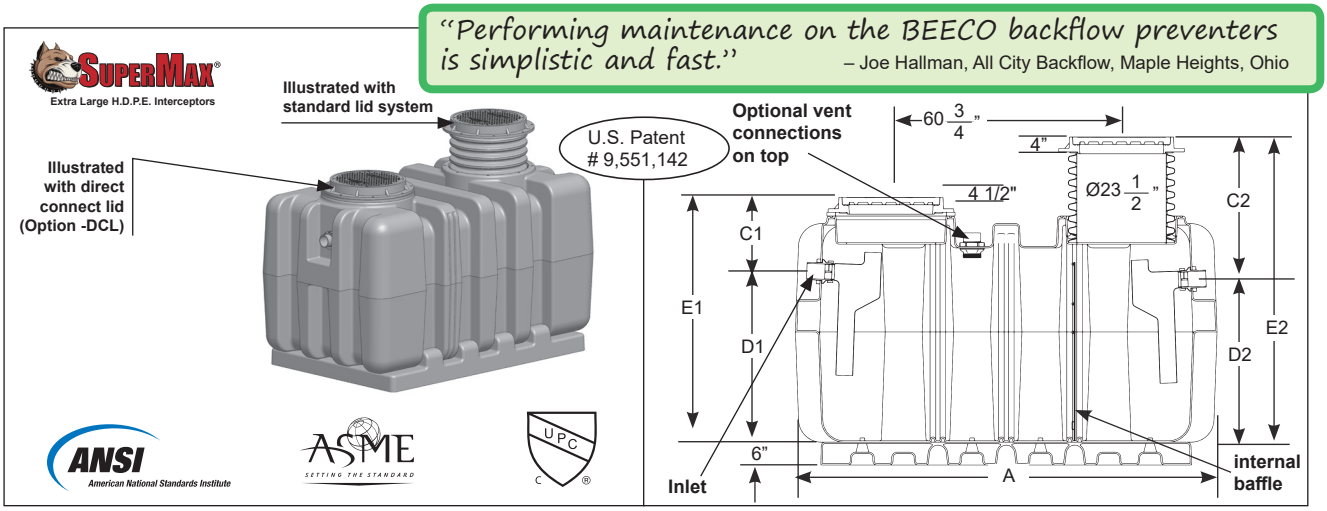
**Specification:** MIFAB® SUPER-1000 gravity grease interceptor with 1000 U.S. gallons of liquid holding capacity has a limited lifetime warranty and is made in the U.S.A. out of seamless, rotationally molded High Density Polyethylene with 3/8" uniform wall thickness. Interceptor is designed for above or below ground installation and includes an adjustable lid system, sample port access, internal baffle, deep seal trap covered by lid, internal air relief by-pass, stainless steel calibrated orifice plate (internal flow control), base for support and floor level installation and 4" no hub inlet and outlet connections. Steel encased composite lids provide a water / gas tight seal and have a minimum of 20,000 LB. load capacity - in accordance with the loading requirements of AASHTO H20. The high density polyethylene material is PE 3135 from Dow 9.39 with a density of 0.939 g/cm3. Note that the interceptor is tested and certified to the ASME A112.14.3, CSA B481 and ANSI Z1001 Standards and listed with I.A.P.M.O.

**Function:** Used in restaurants, kitchens, institutions, industrial facilities such as food processing and packaging plants and other types of food processing areas where fat, oil and grease (FOG) drains with the waste water. All SuperMax gravity interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.

"Performing maintenance on the BEECO backflow preventers is simplistic and fast." – Joe Hallman, All City Backflow, Maple Heights, Ohio




| Model | Liquid Holding Capacity | Grease Retention Capacity | Flow Rate (GPM) | A | Width B | C¹ Dim. | C² Dim. | D¹ Dim. | D² Dim. | E¹ Dim. | E² Dim. | F Connection Size | Shipping Weight (Lbs.) | List Price |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SUPER-1000** | 1000 U.S. Gallons 3,790 litres | 3,833 lbs. | 250 | 111" 2820mm | 64" 1630mm | 18.75" 476mm | 37.25" 946mm | 45.25" 1149mm | 43.25" 1099mm | 64" 1626mm | 61.50" 1562mm | 4" 102mm | 1,075 | **$23,000.00** |

| Suffix | Optional Variations | List Price |
|---|---|---|
| **-AK** | Anchor kit (set of two) | **$1,300.00** |
| **-C** | Lid extension (specify dimension required) | **$460.00 per 12"** |
| **-COA** | Coalescer Pack | **$2,650.00** |
| **-DI** | Ductile iron lid & collar | **$1,400.00** |
| **-DP** | Dosing pump | **$812.00** |
| **-EP** | Enzyme port | **$63.00** |
| **-FL-C** | Membrane clamp kit | **$700.00** |
| **-F6** | 6" No Hub Inlet / Outlet connection (flow rate of 700 GPM with 6" connections) | **$216.00** |
| **-F8** | 8" No Hub Inlet / Outlet connection (fabricated stainless steel) (flow rate of 1,200 GPM with 8" connections) | **$216.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | **$940.00** |
| **-LHSI** | 4" no hub inlet on left hand side | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | **$60.00** |
| **-POK** | Remote pump out kit | **$396.00** |
| **-RHSI** | 4" no hub inlet on right hand side | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | **$110.00, each** |
| **-SB** | Sediment bucket | **$1,650.00** |
| **-SP** | External Sampling port - inline, high connections (Part # BIG-SP) | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections (Part # BIG-SP-L) | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset (Part # BIG-SP-OF) | **$1,388.00** |
| **-SST** | Fire resistant fabricated stainless steel interceptor | **Contact MIFAB** |
| **-ST** | Fire resistant fabricated 10 gauge powder epoxy coated steel interceptor | **Contact MIFAB** |
| **-V** | Vent connection - 4" (specify number required and location - side and / or top) | **$115.00, each vent** |

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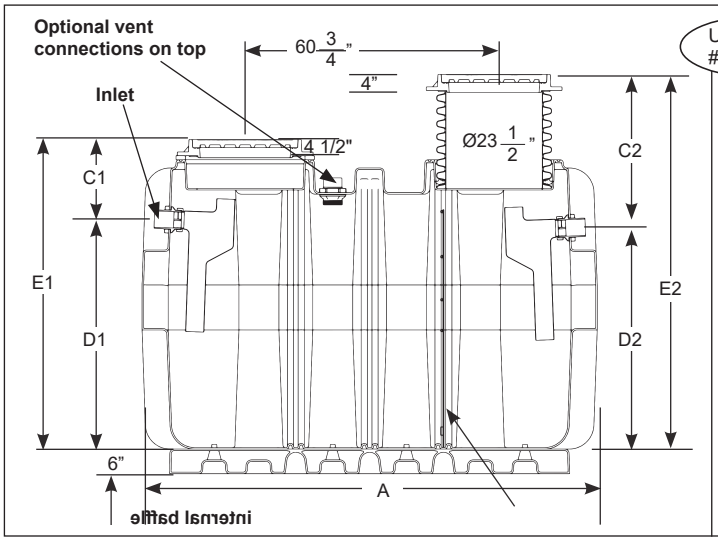
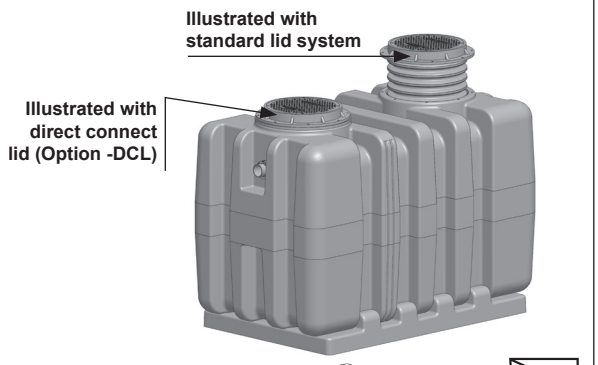
**Specification:** MIFAB® SUPER-1250 gravity grease interceptor with 1250 U.S. gallons of liquid holding capacity has a limited lifetime warranty and is made in the U.S.A. out of seamless, rotationally molded High Density Polyethylene with 3/8" uniform wall thickness. Interceptor is designed for above or below ground installation and includes an adjustable lid system, sample port access, internal baffle, deep seal trap covered by lid, internal air relief by-pass, stainless steel calibrated orifice plate (internal flow control), base for support and floor level installation and 4" no hub inlet and outlet connections. Steel encased composite lids provide a water / gas tight seal and have a minimum of 20,000 LB. load capacity - in accordance with the loading requirements of AASHTO H20. The high density polyethylene material is PE 3135 from Dow 9.39 with a density of 0.939 g/cm3. Note that the interceptor is tested and certified to the ASME A112.14.3, CSA B481 and ANSI Z1001 Standards and listed with I.A.P.M.O.

**Function:** Used in restaurants, kitchens, institutions, industrial facilities such as food processing and packaging plants and other types of food processing areas where fat, oil and grease (FOG) drains with the waste water. All SuperMax gravity interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.




U.S. Patent # 9,551,142

SUPERMAX® Extra Large H.D.P.E. Interceptors




ANSI American National Standards Institute

ASME SETTING THE STANDARD

UPC

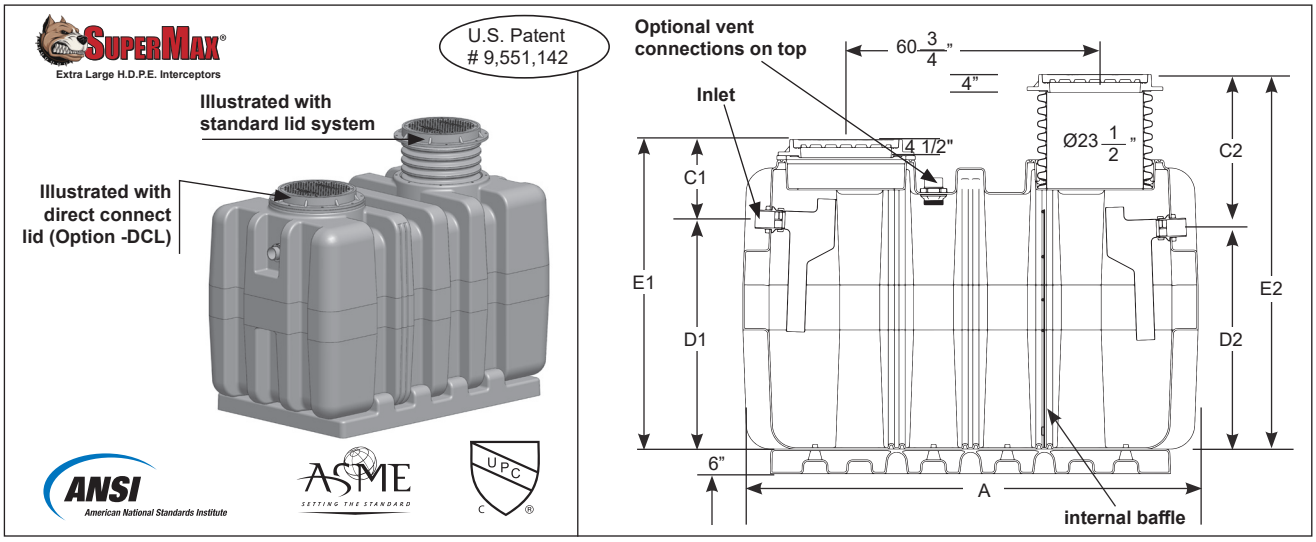
| Model | Liquid Holding Capacity | Grease Retention Capacity | Flow Rate (GPM) | A | Width B | C¹ Dim. | C² Dim. | D¹ Dim. | D² Dim. | E¹ Dim. | E² Dim. | F Connection Size | Shipping Weight (Lbs.) | List Price |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SUPER-1250** | 1250 U.S. Gallons 4,921 litres | 4,983 lbs. | 250 | 111" 2820mm | 64" 1630mm | 18.75" 476mm | 37.25" 946mm | 56.25" 1429mm | 54.25" 1378mm | 75" 1905mm | 91.50" 2324mm | 4" 102mm | 1,150 | **$26,000.00** |

| Suffix | Optional Variations | List Price |
|---|---|---|
| **-AK** | Anchor kit (set of two) | **$1,300.00** |
| **-C** | Lid extension (specify dimension required) | **$460.00 per 12"** |
| **-COA** | Coalescer Pack | **$2,650.00** |
| **-DI** | Ductile iron lid & collar | **$1,400.00** |
| **-DP** | Dosing pump | **$812.00** |
| **-EP** | Enzyme port | **$63.00** |
| **-FL-C** | Membrane clamp kit | **$700.00** |
| **-F6** | 6" No Hub Inlet / Outlet connection (flow rate of 700 GPM with 6" connections) | **$216.00** |
| **-F8** | 8" No Hub Inlet / Outlet connection (fabricated stainless steel) (flow rate of 1,200 GPM with 8" connections) | **$216.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | **$940.00** |
| **-LHSI** | 4" no hub inlet on left hand side | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | **$60.00** |
| **-POK** | Remote pump out kit | **$396.00** |
| **-RHSI** | 4" no hub inlet on right hand side | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | **$110.00, each** |
| **-SB** | Sediment bucket | **$1,650.00** |
| **-SP** | External Sampling port - inline, high connections (Part # BIG-SP) | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections (Part # BIG-SP-L) | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset (Part # BIG-SP-OF) | **$1,388.00** |
| **-SST** | Fire resistant fabricated stainless steel interceptor | **Contact MIFAB** |
| **-ST** | Fire resistant fabricated 10 gauge powder epoxy coated steel interceptor | **Contact MIFAB** |
| **-V** | Vent connection - 4" (specify number required and location - side and / or top) | **$115.00, each vent** |

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**Specification:** MIFAB® SUPER-1300 gravity grease interceptor with 1300 U.S. gallons of liquid holding capacity has a limited lifetime warranty and is made in the U.S.A. out of seamless, rotationally molded High Density Polyethylene with 3/8" uniform wall thickness. Interceptor is designed for above or below ground installation and includes an adjustable lid system, sample port access, internal baffle, deep seal trap covered by lid, internal air relief by-pass, stainless steel calibrated orifice plate (internal flow control), base for support and floor level installation and 4" no hub inlet and outlet connections. Steel encased composite lids provide a water / gas tight seal and have a minimum of 20,000 LB. load capacity - in accordance with the loading requirements of AASHTO H20. The high density polyethylene material is PE 3135 from Dow 9.39 with a density of 0.939 g/cm3. Note that the interceptor is tested and certified to the ASME A112.14.3, CSA B481 and ANSI Z1001 Standards and listed with I.A.P.M.O.

**Function:** Used in restaurants, kitchens, institutions, industrial facilities such as food processing and packaging plants and other types of food processing areas where fat, oil and grease (FOG) drains with the waste water. All SuperMax gravity interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.




| Model | Liquid Holding Capacity | Grease Retention Capacity | Flow Rate (GPM) | A | Width B | C¹ Dim. | C² Dim. | D¹ Dim. | D² Dim. | E¹ Dim. | E² Dim. | F Connection Size | Shipping Weight (Lbs.) | List Price |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SUPER-1300** | 1300 U.S. Gallons 4,921 litres | 4,983 lbs. | 250 | 111" 2820mm | 64" 1630mm | 18.75" 476mm | 37.25" 946mm | 56.25" 1429mm | 54.25" 1378mm | 75" 1905mm | 91.50" 2324mm | 4" 102mm | 1,150 | **$26,000.00** |

| Suffix | Optional Variations | List Price |
|---|---|---|
| **-AK** | Anchor kit (set of two) | **$1,300.00** |
| **-C** | Lid extension (specify dimension required) | **$460.00 per 12"** |
| **-COA** | Coalescer Pack | **$2,650.00** |
| **-DI** | Ductile iron lid & collar | **$1,400.00** |
| **-DP** | Dosing pump | **$812.00** |
| **-EP** | Enzyme port | **$63.00** |
| **-FL-C** | Membrane clamp kit | **$700.00** |
| **-F6** | 6" No Hub Inlet / Outlet connection (flow rate of 700 GPM with 6" connections) | **$216.00** |
| **-F8** | 8" No Hub Inlet / Outlet connection (fabricated stainless steel) (flow rate of 1,200 GPM with 8" connections) | **$216.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | **$940.00** |
| **-LHSI** | 4" no hub inlet on left hand side | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | **$60.00** |
| **-POK** | Remote pump out kit | **$396.00** |
| **-RHSI** | 4" no hub inlet on right hand side | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | **$110.00, each** |
| **-SB** | Sediment bucket | **$1,650.00** |
| **-SP** | External Sampling port - inline, high connections (Part # BIG-SP) | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections (Part # BIG-SP-L) | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset (Part # BIG-SP-OF) | **$1,388.00** |
| **-SST** | Fire resistant fabricated stainless steel interceptor | **Contact MIFAB** |
| **-ST** | Fire resistant fabricated 10 gauge powder epoxy coated steel interceptor | **Contact MIFAB** |
| **-V** | Vent connection - 4" (specify number required and location - side and / or top) | **$115.00, each vent** |

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



Design and dimensions are subject to modification. Prices do not include applicable taxes. Visit www.mifab.com for the most recent product information.

**MIFAB®**, Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA
**USA Toll Free: 1-800-465-2736 • Fax: 1-773-341-3049**
**Canada Toll Free: 1-800-387-3880 • sales@mifab.com**

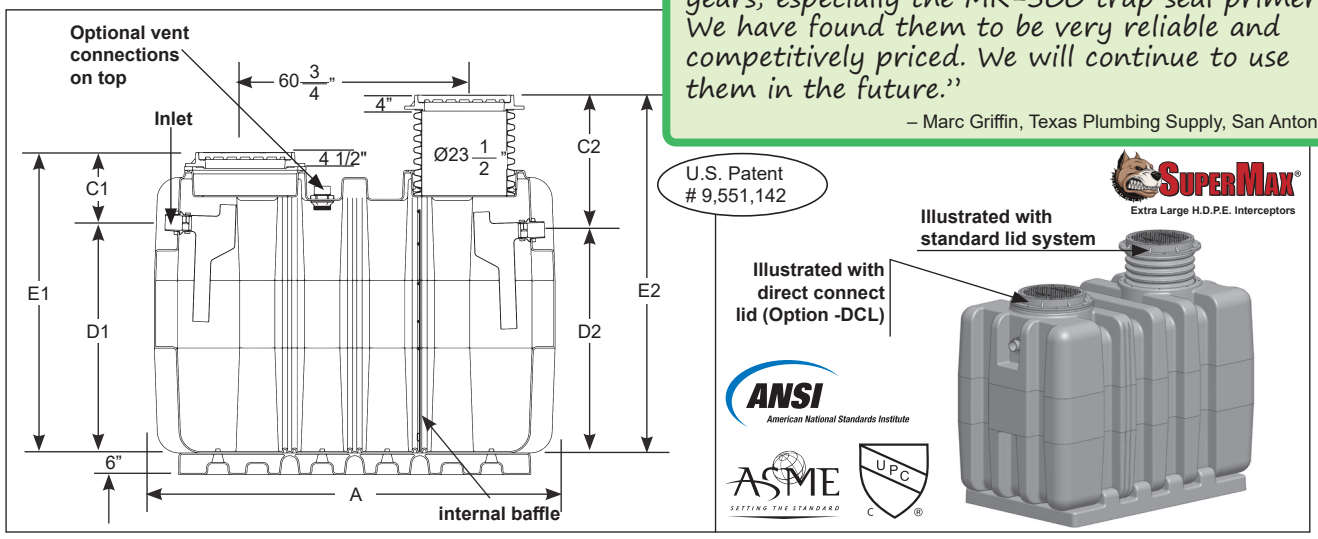
All sales subject to MIFAB's® Terms and Warranties. Please refer to inside front cover.

**Specification:** MIFAB® SUPER-1500 gravity grease interceptor with 1500 U.S. gallons of liquid holding capacity has a limited lifetime warranty and is made in the U.S.A. out of seamless, rotationally molded High Density Polyethylene with 3/8" uniform wall thickness. Interceptor is designed for above or below ground installation and includes an adjustable lid system, sample port access, internal baffle, deep seal trap covered by lid, internal air relief by-pass, stainless steel calibrated orifice plate (internal flow control), base for support and floor level installation and 4" no hub inlet and outlet connections. Steel encased composite lids provide a water / gas tight seal and have a minimum of 20,000 LB. load capacity - in accordance with the loading requirements of AASHTO H20. The high density polyethylene material is PE 3135 from Dow 9.39 with a density of 0.939 g/cm3. Note that the interceptor is tested and certified to the ASME A112.14.3, CSA B481 and ANSI Z1001 Standards and listed with I.A.P.M.O.

**Function:** Used in restaurants, kitchens, institutions, industrial facilities such as food processing and packaging plants and other types of food processing areas where fat, oil and grease (FOG) drains with the waste water. All SuperMax gravity interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.

"We have used the MIFAB products for many years; especially the MR-500 trap seal primers. We have found them to be very reliable and competitively priced. We will continue to use them in the future."

– Marc Griffin, Texas Plumbing Supply, San Antonio, TX




| Model | Liquid Holding Capacity | Grease Retention Capacity | Flow Rate (GPM) | A | Width B | C¹ Dim. | C² Dim. | D¹ Dim. | D² Dim. | E¹ Dim. | E² Dim. | F Connection Size | Shipping Weight (Lbs.) | List Price |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SUPER-1500** | 1500 U.S. Gallons 5,680 litres | 5,750 lbs. | 250 | 111" 2820mm | 64" 1630mm | 18.75" 476mm | 37.25" 946mm | 64" 1626mm | 62" 1575mm | 82.75" 2102mm | 99.25" 2521mm | 4" 102mm | 1,250 | **$29,832.00** |

| Suffix | Optional Variations | List Price |
|---|---|---|
| **-AK** | Anchor kit (set of two) | **$1,300.00** |
| **-C** | Lid extension (specify dimension required) | **$460.00 per 12"** |
| **-COA** | Coalescer Pack | **$2,650.00** |
| **-DI** | Ductile iron lid & collar | **$1,400.00** |
| **-DP** | Dosing pump | **$812.00** |
| **-EP** | Enzyme port | **$63.00** |
| **-FL-C** | Membrane clamp kit | **$700.00** |
| **-F6** | 6" No Hub Inlet / Outlet connection (flow rate of 700 GPM with 6" connections) | **$216.00** |
| **-F8** | 8" No Hub Inlet / Outlet connection (fabricated stainless steel) (flow rate of 1,200 GPM with 8" connections) | **$216.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | **$940.00** |
| **-LHSI** | 4" no hub inlet on left hand side | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | **$60.00** |
| **-POK** | Remote pump out kit | **$396.00** |
| **-RHSI** | 4" no hub inlet on right hand side | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | **$110.00, each** |
| **-SB** | Sediment bucket | **$1,650.00** |
| **-SP** | External Sampling port - inline, high connections (Part # BIG-SP) | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections (Part # BIG-SP-L) | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset (Part # BIG-SP-OF) | **$1,388.00** |
| **-SST** | Fire resistant fabricated stainless steel interceptor | **Contact MIFAB** |
| **-ST** | Fire resistant fabricated 10 gauge powder epoxy coated steel interceptor | **Contact MIFAB** |
| **-V** | Vent connection - 4" (specify number required and location - side and / or top) | **$115.00, each vent** |

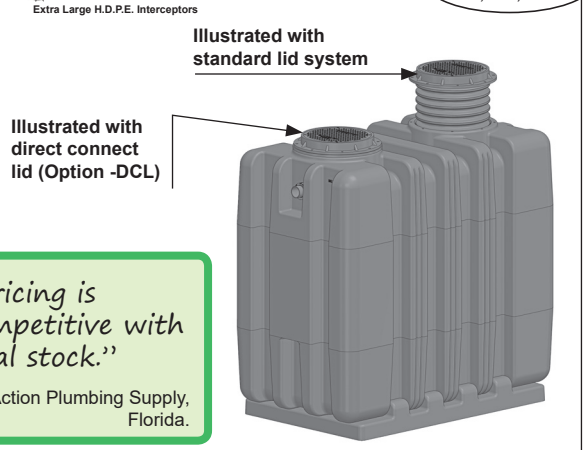
CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

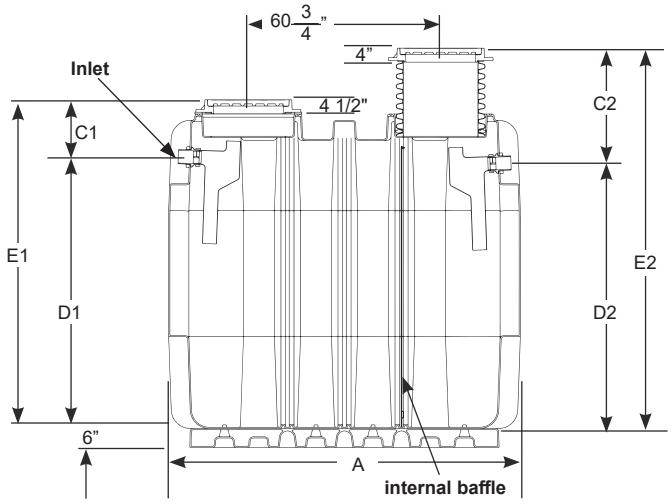
**Specification:** MIFAB® SUPER-2000 gravity grease interceptor with 2000 U.S. gallons of liquid holding capacity has a limited lifetime warranty and is made in the U.S.A. out of seamless, rotationally molded High Density Polyethylene with 3/8" uniform wall thickness. Interceptor is designed for above or below ground installation and includes and adjustable lid system, sample port access, internal baffle, deep seal trap covered by lid, internal air relief by-pass, stainless steel calibrated orifice plate (internal flow control), base for support and floor level installation and 4" no hub inlet and outlet connections. Steel encased composite lids provide a water / gas tight seal and have a minimum of 20,000 LB. load capacity – in accordance with the loading requirements of AASHTO H20. The high density polyethylene material is PE 3135 from Dow 9.39 with a density of 0.939 g/cm3. Note that the interceptor is designed and manufactured to the ASME A112.14.3, CSA B481 and ANSI Z1001 Standards.

**Function:** Used in restaurants, kitchens, institutions, industrial facilities such as food processing and packaging plants and other types of food processing areas where fat, oil and grease (FOG) drains with the waste water. All SuperMax gravity interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.

SUPERMAX® Extra Large H.D.P.E. Interceptors

U.S. Patent # 9,551,142




"Pricing is competitive with local stock."
– Action Plumbing Supply, Florida.

| Model | Liquid Holding Capacity | Grease Retention Capacity | Flow Rate (GPM) | A | Width B | C¹ Dim. | C² Dim. | D¹ Dim. | D² Dim. | E¹ Dim. | E² Dim. | F Connection Size | Shipping Weight (Lbs.) | List Price |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SUPER-2000** | 2000 U.S. Gallons 7,570 litres | 6,600 lbs. | 250 | 111" 2820mm | 64" 1630mm | 18.75" 476mm | 37.25" 946mm | 85.50" 2172mm | 83.50" 2121mm | 104.25" 2648mm | 120" 3048mm | 4" 102mm | 1,350 | **$32,000.00** |

| Suffix | Optional Variations | List Price |
|---|---|---|
| **-AK** | Anchor kit (set of two) | **$1,300.00** |
| **-C** | Lid extension (specify dimension required) | **$460.00 per 12"** |
| **-COA** | Coalescer Pack | **$2,650.00** |
| **-DI** | Ductile iron lid & collar | **$1,400.00** |
| **-DP** | Dosing pump | **$812.00** |
| **-EP** | Enzyme port | **$63.00** |
| **-FL-C** | Membrane clamp kit | **$700.00** |
| **-F6** | 6" No Hub Inlet / Outlet connection (flow rate of 700 GPM with 6" connections) | **$216.00** |
| **-F8** | 8" No Hub Inlet / Outlet connection (fabricated stainless steel) (flow rate of 1,200 GPM with 8" connections) | **$216.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | **$940.00** |
| **-LHSI** | 4" no hub inlet on left hand side | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | **$60.00** |
| **-POK** | Remote pump out kit | **$396.00** |
| **-RHSI** | 4" no hub inlet on right hand side | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | **$110.00, each** |
| **-SB** | Sediment bucket | **$1,650.00** |
| **-SP** | External Sampling port - inline, high connections (Part # BIG-SP) | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections (Part # BIG-SP-L) | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset (Part # BIG-SP-OF) | **$1,388.00** |
| **-SST** | Fire resistant fabricated stainless steel interceptor | **Contact MIFAB** |
| **-ST** | Fire resistant fabricated 10 gauge powder epoxy coated steel interceptor | **Contact MIFAB** |
| **-V** | Vent connection - 4" (specify number required and location - side and / or top) | **$115.00, each vent** |

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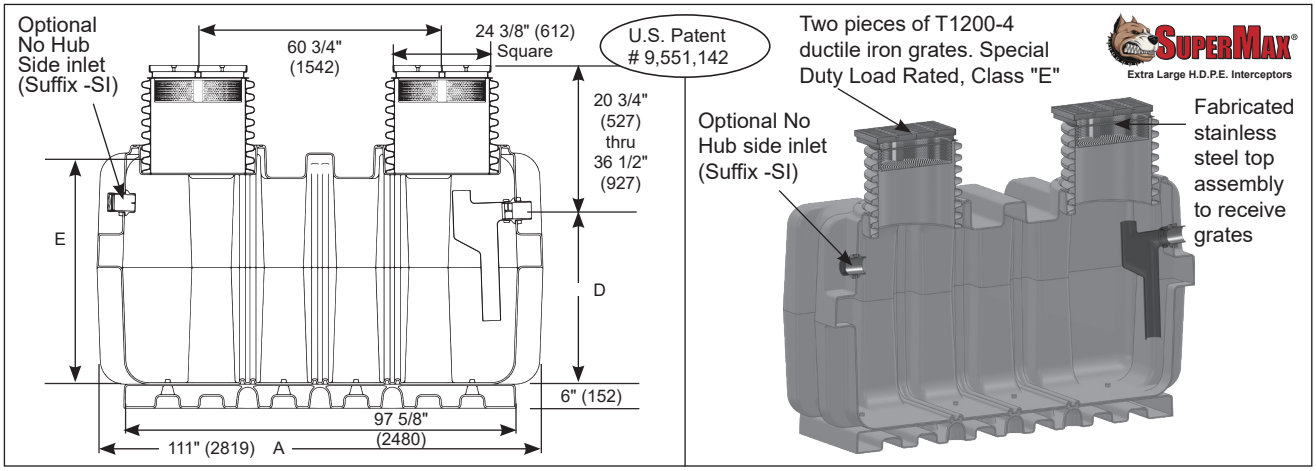
All sales subject to MIFAB's® Terms and Warranties. Please refer to inside front cover.

**Specification:** MIFAB® Series SUPER-OS- _____ (indicate model) gravity oil / sediment interceptor with liquid holding capacity of _____ (indicate), limited lifetime warranty and is made in the U.S.A. out of seamless, rotationally molded High Density Polyethylene with 3/8" uniform wall thickness. Interceptor is designed for below ground installation and includes an adjustable top assembly system, sample port access, deep seal trap covered by "special duty" load rated (over 10,000 lbs.) ductile iron top inlet grates, sediment bucket (1/4" diameter holes) within top assembly, internal air relief by-pass, sample port access, base for support and 4" no hub outlet connection. The high density polyethylene material is PE 3135 from Dow 9.39 with a density of 0.939 g/cm3.

**Function:** Oil / sediment interceptors are required anywhere oil and sediment may be introduced to the public sewer system in applications such as: repair garages, oil change stations, car wash facilities, parking garages and facilities where oil and flammable liquid waste are produced as a result of manufacturing, storage, maintenance, repair or testing processes. Sediment and debris are collected inside of the internal sediment bucket. Regular maintenance is required to keep the interceptor functioning. Interceptor to be installed flush with the floor. Standard SUPER-OS models are made with "special duty" load rated (over 10,000 lbs.) ductile iron top inlet grates. The optional -SI models are made with an 4" no hub inlet opposite the outlet.




| Model | Liquid Holding Capacity (Gallons) | A | Width B | D Dim. | E Dim. | F Outlet Connection Size | Shipping Weight (Lbs.) | List Price |
|---|---|---|---|---|---|---|---|---|
| **SUPER-500-OS** | 500 (1,890 litres) | 111" (2820 mm) | 64" (1630 mm) | 24.25" (616 mm) | 40 1/2" (1029 mm) | 4" (102 mm) | 1060 | **$23,500.00** |
| **SUPER-750-OS** | 750 (2,840 litres) | 111" (2820 mm) | 64" (1630 mm) | 32.88" (835 mm) | 49 1/8" (1248 mm) | 4" (102 mm) | 1125 | **$24,900.00** |
| **SUPER-1000-OS** | 1,000 (3,790 litres) | 111" (2820 mm) | 64" (1630 mm) | 43.25" (1099 mm) | 59 1/2" (1511 mm) | 4" (102 mm) | 1185 | **$29,000.00** |
| **SUPER-1300-OS** | 1,300 (4,921 litres) | 111" (2820 mm) | 64" (1630 mm) | 54.25" (1378 mm) | 70 1/2" 1791 mm) | 4" (102 mm) | 1260 | **$32,000.00** |
| **SUPER-1500-OS** | 1,500 (5,688 litres) | 111" (2820 mm) | 64" (1630 mm) | 62" (1575 mm) | 78 1/4" (1988 mm) | 4" (102 mm) | 1360 | **$34,000.00** |
| **SUPER-2000-OS** | 2,000 (7,570 litres) | 111" (2820 mm) | 64" (1630 mm) | 83.50" 2121mm | 99 3/4" (2534 mm) | 4" (102 mm) | 1460 | **$36,000.00** |

| Suffix | Optional Variations | List Price |
|---|---|---|
| **-3** | Stainless steel veneer bolted to top of ductile iron grates | **$1.150.00** |
| **-AK** | Anchor kit (set of two) | **$1,300.00** |
| **-C** | Lid extension (specify dimension required) | **$460.00 per 12"** |
| **-FL-C** | Membrane clamp kit | **$700.00** |
| **-F6** | 6" No Hub outlet | **$216.00** |
| **-F8** | 8" No Hub outlet (fabricated stainless steel) | **$216.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | **$940.00** |
| **-LHSI** | 4" no hub inlet on left hand side | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | **$60.00** |
| **-POK** | Remote pump out kit | **$396.00** |
| **-RHSI** | 4" no hub inlet on right hand side | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | **$110.00, each** |
| **-SI** | No hub side inlet located on opposite side of outlet | **$60.00** |
| **-SP** | External Sampling port - inline, high connections (Part # BIG-SP) | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections (Part # BIG-SP-L) | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset (Part # BIG-SP-OF) | **$1,388.00** |
| **-SST** | Fire resistant fabricated stainless steel interceptor | **Contact MIFAB** |
| **-ST** | Fire resistant fabricated 10 gauge powder epoxy coated steel interceptor | **Contact MIFAB** |
| **-V** | Vent connection - 4" (specify number required and location - side and / or top) | **$115.00, each vent** |

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**Specification:** MIFAB® SUPER-_____ (specify size) - DECON decontamination tank with _____ (specify liquid holding capacity) U.S. gallons of liquid holding capacity has a limited lifetime warranty and is made in the U.S.A. out of seamless, rotationally molded High Density Polyethylene with 3/8" uniform wall thickness. Decontamination tank is designed for above or below ground installation and includes a direct connect lid system, 4" vent connection, base for support and floor level installation and 4" no hub inlet connection. Steel encased composite lids provide a water / gas tight seal and have a minimum of 20,000 LB. load capacity – in accordance with the loading requirements of AASHTO H20. The high density polyethylene material is PE 3135 from Dow 9.39 with a density of 0.939 g/cm3.

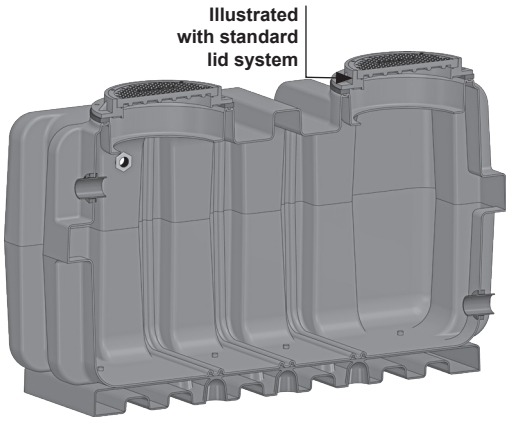
**Function:** Used with eyewashes and decontamination showers to capture the liquid wastes that can damage the building's drain, waste and vent system. Public sewer or ground / surface waters are required by Chapter 8 of the Uniform Plumbing Code (U.P.C.) and by the International Plumbing Code (I.P.C.) to be pretreated. This is also required by the AIA and ANSI.

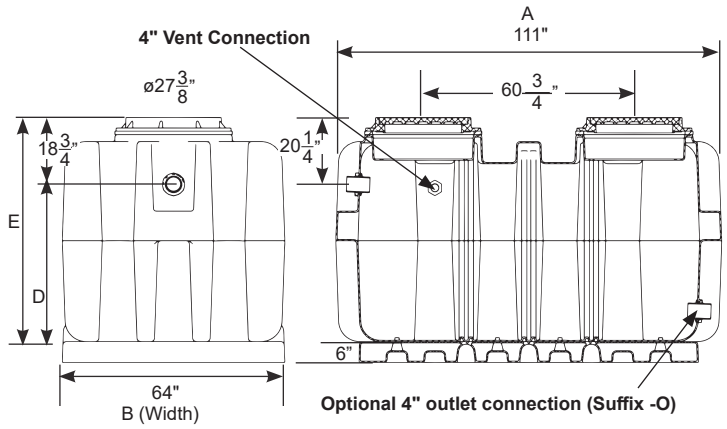
"BEECO is a worry free alternative for all of my backflow needs."

– John Marotta, Ridge Plumbing, Cleveland, OH

SUPERMAX® Extra Large H.D.P.E. Interceptors

U.S. Patent # 9,551,142




| Model | Liquid Holding Capacity (Gallons) | A | Width B | D Dim. | E Dim. | F Outlet Connection Size | Shipping Weight (Lbs.) | List Price |
|---|---|---|---|---|---|---|---|---|
| SUPER-500-DECON | 500 (1,890 litres) | 111" (2820 mm) | 64" (1630 mm) | 26 1/4" (667 mm) | 45" (1143 mm) | 4" (102 mm) | 1060 | $17,500.00 |
| SUPER-750-DECON | 750 (2,840 litres) | 111" (2820 mm) | 64" (1630 mm) | 34.88" (886 mm) | 53.63" (1362 mm) | 4" (102 mm) | 1125 | $18,900.00 |
| SUPER-1000-DECON | 1,000 (3,790 litres) | 111" (2820 mm) | 64" (1630 mm) | 45 1/4" (1149 mm) | 64" (1630 mm) | 4" (102 mm) | 1185 | $19,100.00 |
| SUPER-1300-DECON | 1,300 (4,921 litres) | 111" (2820 mm) | 64" (1630 mm) | 56 1/4" 1429 mm) | 75" (1905 mm) | 4" (102 mm) | 1260 | $26,000.00 |
| SUPER-1500-DECON | 1,500 (5,688 litres) | 111" (2820 mm) | 64" (1630 mm) | 64" (1626 mm) | 82.75" (2102 mm) | 4" (102 mm) | 1360 | $27,100.00 |
| SUPER-2000-DECON | 2,000 (7,570 litres) | 111" (2820 mm) | 64" (1630 mm) | 85 1/2" (2172 mm) | 104.25" 2648mm | 4" (102 mm) | 1460 | $32,000.00 |

| Suffix | Optional Variations | List Price |
|---|---|---|
| -AK | Anchor kit (set of two) | $1,300.00 |
| -C | Lid extension (specify dimension required) | $460.00 per 12" |
| -DI | Ductile iron lid & collar | $1,400.00 |
| -FL-C | Membrane clamp kit | $700.00 |
| -F6 | 6" No Hub connections (for each piece) | $216.00 |
| -F8 | 8" No Hub connections (for each piece) Fabricated stainless steel | $216.00 |
| -HLA | High level alarm and float switch (to be installed on site) | $940.00 |
| -LHSI | 4" no hub inlet on left hand side | $60.00 |
| -LHSO | 4" no hub outlet on left hand side | $60.00 |
| -O | Optional 4" outlet connection | $216.00 |
| -POK | Remote pump out kit | $396.00 |
| -RHSI | 4" no hub inlet on right hand side | $60.00 |
| -RHSO | 4" no hub outlet on right hand side | $60.00 |
| -RPO | 4" Remote pump outlet connections on top of interceptor - specify location and number required | $110.00, each |
| -SP | External Sampling port - inline, high connections (Part # BIG-SP) | $1,388.00 |
| -SP-L | External Sampling port - inline, low connections (Part # BIG-SP-L) | $1,388.00 |
| -SP-OF | External Sampling port - offset (Part # BIG-SP-OF) | $1,388.00 |

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

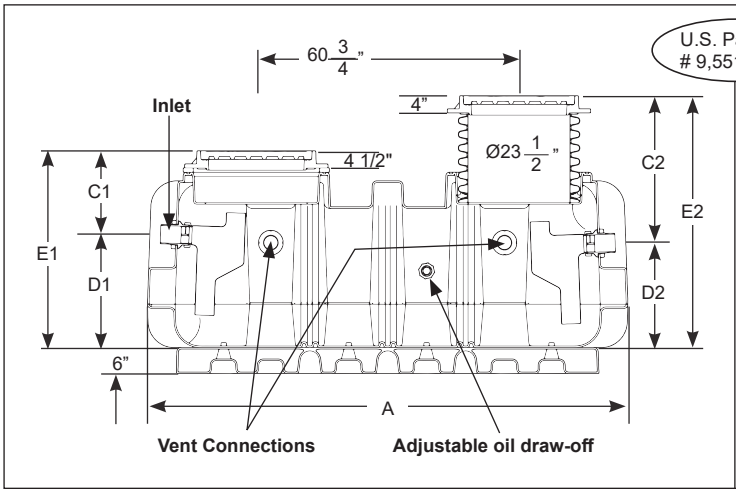


Design and dimensions are subject to modification. Prices do not include applicable taxes. Visit www.mifab.com for the most recent product information.

**MIFAB®**, Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA
All sales subject to MIFAB's® Terms and Warranties. Please refer to inside front cover.
**USA Toll Free: 1-800-465-2736 • Fax: 1-773-341-3049**
**Canada Toll Free: 1-800-387-3880 • sales@mifab.com**

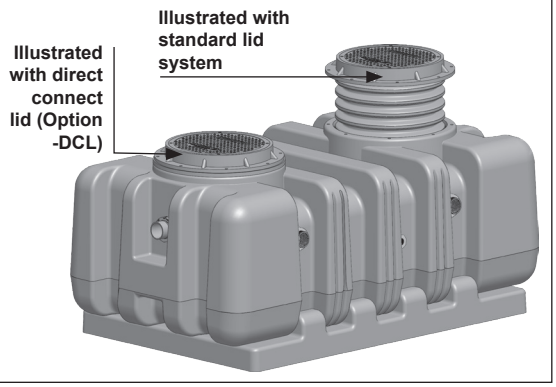
**Specification:** MIFAB® SUPER-500-O gravity oil interceptor with 500 U.S. gallons of liquid holding capacity has a limited lifetime warranty and is made in the U.S.A. out of seamless, rotationally molded High Density Polyethylene with 3/8" uniform wall thickness. Interceptor is designed for above or below ground installation and includes an adjustable lid system, sample port access, deep seal trap covered by lid, internal air relief by-pass, adjustable oil draw-off assembly (1 1/2" I.P.S.) on each side, double vent connections (3" I.P.S.) on each side, stainless steel calibrated orifice plate (internal flow control), base for support and floor level installation and 4" no hub inlet and outlet connections. Steel encased composite lids provide a water / gas tight seal and have a minimum of 20,000 LB. load capacity - in accordance with the loading requirements of AASHTO H20. The high density polyethylene material is PE 3135 from Dow 9.39 with a density of 0.939 g/cm3.

**Function:** Oil interceptors are required anywhere oil and sand may be introduced to the public sewer system in applications such as: repair garages, oil change stations, car wash facilities, parking garages, parking lots, hydraulic elevator pits and facilities where oil and flammable liquid waste are produced as a result of manufacturing, storage, maintenance, repair or testing processes. The interceptor collects the oil before it is drained to an adjacent storage tank through an adjustable draw off system. Typically installed either on or into the floor. Regular maintenance is required to keep the interceptor functioning. All SuperMax gravity interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.




U.S. Patent # 9,551,142

SUPERMAX® Extra Large H.D.P.E. Interceptors




| Model | Liquid Holding Capacity | Flow Rate (GPM) | A | Width B | C¹ Dim. | C² Dim. | D¹ Dim. | D² Dim. | E¹ Dim. | E² Dim. | F Connection Size | Shipping Weight (Lbs.) | List Price (Oil Interceptor) | List Price (Holding Tank) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SUPER-500-O** | 500 U.S. Gallons 1,890 litres | 250 | 111" 2820mm | 64" 1630mm | 18.75" 476mm | 37.25" 946mm | 26.25" 667mm | 24.25" 616mm | 45" 1143mm | 61.50" 1562mm | 4" 102mm | 960 | **$22,500.00** | **$16,875.00** |

| Suffix | Optional Variations | List Price |
|---|---|---|
| **-AK** | Anchor kit (set of two) | **$1,300.00** |
| **-C** | Lid extension (specify dimension required) | **$460.00 per 12"** |
| **-COA** | Coalescer Pack | **$2,650.00** |
| **-DI** | Ductile iron lid & collar | **$1,400.00** |
| **-FL-C** | Membrane clamp kit | **$700.00** |
| **-F6** | 6" No Hub Inlet / Outlet connection (flow rate of 700 GPM with 6" connections) | **$216.00** |
| **-F8** | 8" No Hub Inlet / Outlet connection (fabricated stainless steel) (flow rate of 1,200 GPM with 8" connections) | **$216.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | **$940.00** |
| **-HT** | Holding Tank | **See above** |
| **-LHSI** | 4" no hub inlet on left hand side | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | **$60.00** |
| **-POK** | Remote pump out kit | **$396.00** |
| **-RHSI** | 4" no hub inlet on right hand side | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | **$110.00, each** |
| **-SB** | Sediment bucket | **$1,650.00** |
| **-SP** | External Sampling port - inline, high connections (Part # BIG-SP) | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections (Part # BIG-SP-L) | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset (Part # BIG-SP-OF) | **$1,388.00** |
| **-SST** | Fire resistant fabricated stainless steel interceptor | **Contact MIFAB** |
| **-ST** | Fire resistant fabricated 10 gauge powder epoxy coated steel interceptor | **Contact MIFAB** |
| **-V** | Vent connection - 4" (specify number required and location - side and / or top) | **$115.00, each vent** |

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



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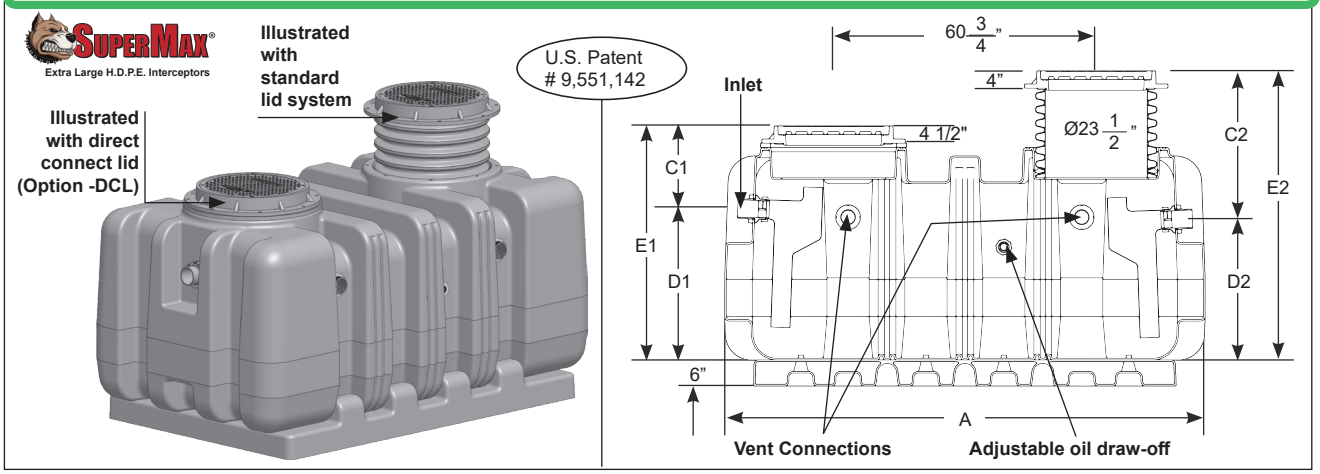
**Specification:** MIFAB® SUPER-750-O gravity oil interceptor with 750 U.S. gallons of liquid holding capacity has a limited lifetime warranty and is made in the U.S.A. out of seamless, rotationally molded High Density Polyethylene with 3/8" uniform wall thickness. Interceptor is designed for above or below ground installation and includes an adjustable lid system, sample port access, deep seal trap covered by lid, internal air relief by-pass, adjustable oil draw-off assembly (1 1/2" I.P.S.) on each side, double vent connections (3" I.P.S.) on each side, stainless steel calibrated orifice plate (internal flow control), base for support and floor level installation and 4" no hub inlet and outlet connections. Steel encased composite lids provide a water / gas tight seal and have a minimum of 20,000 LB. load capacity - in accordance with the loading requirements of AASHTO H20. The high density polyethylene material is PE 3135 from Dow 9.39 with a density of 0.939 g/cm3.

**Function:** Oil interceptors are required anywhere oil and sand may be introduced to the public sewer system in applications such as: repair garages, oil change stations, car wash facilities, parking garages, parking lots, hydraulic elevator pits and facilities where oil and flammable liquid waste are produced as a result of manufacturing, storage, maintenance, repair or testing processes. The interceptor collects the oil before it is drained to an adjacent storage tank through an adjustable draw off system. Typically installed either on or into the floor. Regular maintenance is required to keep the interceptor functioning. All SuperMax gravity interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.

*"I have been a regular user of MIFAB's Hydrotechnic software since 2017. The program's intuitive user interface, coupled with the word class support that we receive from MIFAB, consistently results in fully optimized system designs with significant cost and performance benefits."*

– Ed Yelin, Plumbing Engineer, Erdman Anthony, Rochester, New York




| Model | Liquid Holding Capacity | Flow Rate (GPM) | A | Width B | C¹ Dim. | C² Dim. | D¹ Dim. | D² Dim. | E¹ Dim. | E² Dim. | F Connection Size | Shipping Weight (Lbs.) | List Price (Oil Interceptor) | List Price (Holding Tank) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SUPER-750-O** | 750 U.S. Gallons 2,840 litres | 250 | 111" 2820mm | 64" 1630mm | 18.75" 476mm | 37.25" 946mm | 34.88" 886mm | 32.88" 835mm | 53.63" 1362mm | 70.13" 1781mm | 4" 102mm | 1,025 | **$23,900.00** | **$17,925.00** |

| Suffix | Optional Variations | List Price |
|---|---|---|
| **-AK** | Anchor kit (set of two) | **$1,300.00** |
| **-C** | Lid extension (specify dimension required) | **$460.00 per 12"** |
| **-COA** | Coalescer Pack | **$2,650.00** |
| **-DI** | Ductile iron lid & collar | **$1,400.00** |
| **-FL-C** | Membrane clamp kit | **$700.00** |
| **-F6** | 6" No Hub Inlet / Outlet connection (flow rate of 700 GPM with 6" connections) | **$216.00** |
| **-F8** | 8" No Hub Inlet / Outlet connection (fabricated stainless steel) (flow rate of 1,200 GPM with 8" connections) | **$216.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | **$940.00** |
| **-HT** | Holding Tank | **See above** |
| **-LHSI** | 4" no hub inlet on left hand side | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | **$60.00** |
| **-POK** | Remote pump out kit | **$396.00** |
| **-RHSI** | 4" no hub inlet on right hand side | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | **$110.00, each** |
| **-SB** | Sediment bucket | **$1,650.00** |
| **-SP** | External Sampling port - inline, high connections (Part # BIG-SP) | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections (Part # BIG-SP-L) | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset (Part # BIG-SP-OF) | **$1,388.00** |
| **-SST** | Fire resistant fabricated stainless steel interceptor | **Contact MIFAB** |
| **-ST** | Fire resistant fabricated 10 gauge powder epoxy coated steel interceptor | **Contact MIFAB** |
| **-V** | Vent connection - 4" (specify number required and location - side and / or top) | **$115.00, each vent** |

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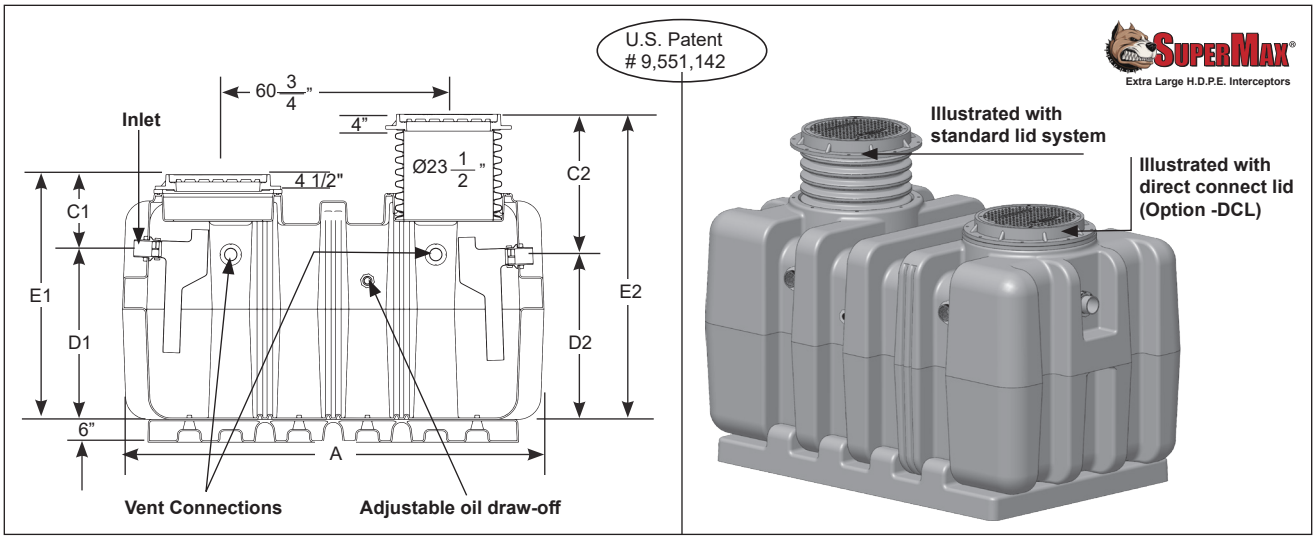
**Specification:** MIFAB® SUPER-1000-O gravity oil interceptor with 1000 U.S. gallons of liquid holding capacity has a limited lifetime warranty and is made in the U.S.A. out of seamless, rotationally molded High Density Polyethylene with 3/8" uniform wall thickness. Interceptor is designed for above or below ground installation and includes an adjustable lid system, sample port access, deep seal trap covered by lid, internal air relief by-pass, adjustable oil draw-off assembly (1 1/2" I.P.S.) on each side, double vent connections (3" I.P.S.) on each side, stainless steel calibrated orifice plate (internal flow control), base for support and floor level installation and 4" no hub inlet and outlet connections. Steel encased composite lids provide a water / gas tight seal and have a minimum of 20,000 LB. load capacity - in accordance with the loading requirements of AASHTO H20. The high density polyethylene material is PE 3135 from Dow 9.39 with a density of 0.939 g/cm3.

**Function:** Oil interceptors are required anywhere oil and sand may be introduced to the public sewer system in applications such as: repair garages, oil change stations, car wash facilities, parking garages, parking lots, hydraulic elevator pits and facilities where oil and flammable liquid waste are produced as a result of manufacturing, storage, maintenance, repair or testing processes. The interceptor collects the oil before it is drained to an adjacent storage tank through an adjustable draw off system. Typically installed either on or into the floor. Regular maintenance is required to keep the interceptor functioning. All SuperMax gravity interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.




| Model | Liquid Holding Capacity | Flow Rate (GPM) | A | Width B | C¹ Dim. | C² Dim. | D¹ Dim. | D² Dim. | E¹ Dim. | E² Dim. | F Connection Size | Shipping Weight (Lbs.) | List Price (Oil Interceptor) | List Price (Holding Tank) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SUPER-1000-O** | 1000 U.S. Gallons 3,790 litres | 250 | 111" 2820mm | 64" 1630mm | 18.75" 476mm | 37.25" 946mm | 45.25" 1149mm | 43.25" 1099mm | 64" 1626mm | 80.50" 2045mm | 4" 102mm | 1,085 | **$28,000.00** | **$21,000.00** |

| Suffix | Optional Variations | List Price |
|---|---|---|
| **-AK** | Anchor kit (set of two) | **$1,300.00** |
| **-C** | Lid extension (specify dimension required) | **$460.00 per 12"** |
| **-COA** | Coalescer Pack | **$2,650.00** |
| **-DI** | Ductile iron lid & collar | **$1,400.00** |
| **-FL-C** | Membrane clamp kit | **$700.00** |
| **-F6** | 6" No Hub Inlet / Outlet connection (flow rate of 700 GPM with 6" connections) | **$216.00** |
| **-F8** | 8" No Hub Inlet / Outlet connection (fabricated stainless steel) (flow rate of 1,200 GPM with 8" connections) | **$216.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | **$940.00** |
| **-HT** | Holding Tank | **See above** |
| **-LHSI** | 4" no hub inlet on left hand side | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | **$60.00** |
| **-POK** | Remote pump out kit | **$396.00** |
| **-RHSI** | 4" no hub inlet on right hand side | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | **$110.00, each** |
| **-SB** | Sediment bucket | **$1,650.00** |
| **-SP** | External Sampling port - inline, high connections (Part # BIG-SP) | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections (Part # BIG-SP-L) | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset (Part # BIG-SP-OF) | **$1,388.00** |
| **-SST** | Fire resistant fabricated stainless steel interceptor | **Contact MIFAB** |
| **-ST** | Fire resistant fabricated 10 gauge powder epoxy coated steel interceptor | **Contact MIFAB** |
| **-V** | Vent connection - 4" (specify number required and location - side and / or top) | **$115.00, each vent** |

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**Specification:** MIFAB® SUPER-1250-O gravity oil interceptor with 1250 U.S. gallons of liquid holding capacity has a limited lifetime warranty and is made in the U.S.A. out of seamless, rotationally molded High Density Polyethylene with 3/8" uniform wall thickness. Interceptor is designed for above or below ground installation and includes an adjustable lid system, sample port access, deep seal trap covered by lid, internal air relief by-pass, adjustable oil draw-off assembly (1 1/2" I.P.S.) on each side, double vent connections (3" I.P.S.) on each side, stainless steel calibrated orifice plate (internal flow control), base for support and floor level installation and 4" no hub inlet and outlet connections. Steel encased composite lids provide a water / gas tight seal and have a minimum of 20,000 LB. load capacity - in accordance with the loading requirements of AASHTO H20. The high density polyethylene material is PE 3135 from Dow 9.39 with a density of 0.939 g/cm3.

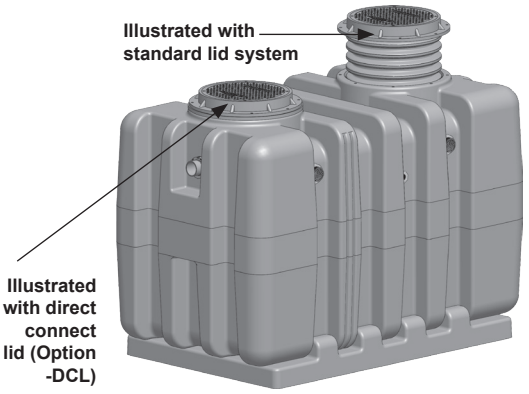
**Function:** Oil interceptors are required anywhere oil and sand may be introduced to the public sewer system in applications such as: repair garages, oil change stations, car wash facilities, parking garages, parking lots, hydraulic elevator pits and facilities where oil and flammable liquid waste are produced as a result of manufacturing, storage, maintenance, repair or testing processes. The interceptor collects the oil before it is drained to an adjacent storage tank through an adjustable draw off system. Typically installed either on or into the floor. Regular maintenance is required to keep the interceptor functioning. All SuperMax gravity interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.

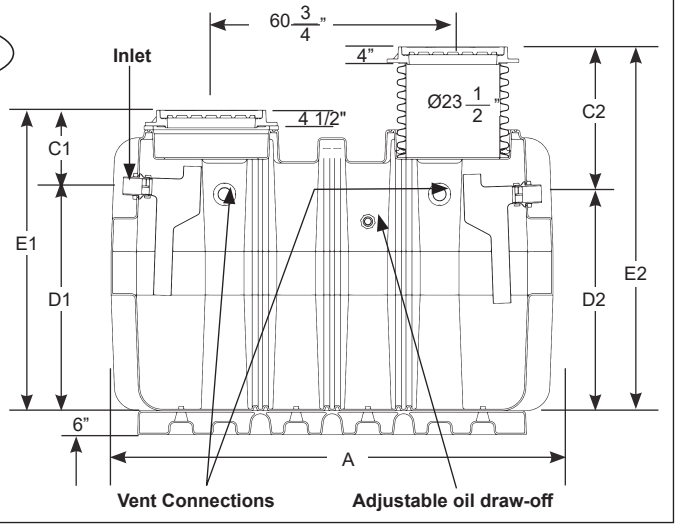
*"The Hydromax siphonic storm drainage system is an excellent value engineered alternative as the end user benefits from the reduced ponding and cost savings."*

– Ed Hosbach, Chief Estimator, Dixie Plumbing, Pompano Beach, Florida

SUPERMAX® Extra Large H.D.P.E. Interceptors

U.S. Patent # 9,551,142




| Model | Liquid Holding Capacity | Flow Rate (GPM) | A | Width B | C¹ Dim. | C² Dim. | D¹ Dim. | D² Dim. | E¹ Dim. | E² Dim. | F Connection Size | Shipping Weight (Lbs.) | List Price (Oil Interceptor) | List Price (Holding Tank) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SUPER-1250-O** | 1250 U.S. Gallons 4,921 litres | 250 | 111" 2820mm | 64" 1630mm | 18.75" 476mm | 37.25" 946mm | 56.25" 1429mm | 54.25" 1378mm | 75" 1905mm | 91.50" 2324mm | 4" 102mm | 1,160 | **$31,000.00** | **$23,250.00** |

| Suffix | Optional Variations | List Price |
|---|---|---|
| **-AK** | Anchor kit (set of two) | **$1,300.00** |
| **-C** | Lid extension (specify dimension required) | **$460.00 per 12"** |
| **-COA** | Coalescer Pack | **$2,650.00** |
| **-DI** | Ductile iron lid & collar | **$1,400.00** |
| **-FL-C** | Membrane clamp kit | **$700.00** |
| **-F6** | 6" No Hub Inlet / Outlet connection (flow rate of 700 GPM with 6" connections) | **$216.00** |
| **-F8** | 8" No Hub Inlet / Outlet connection (fabricated stainless steel) (flow rate of 1,200 GPM with 8" connections) | **$216.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | **$940.00** |
| **-HT** | Holding Tank | **See above** |
| **-LHSI** | 4" no hub inlet on left hand side | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | **$60.00** |
| **-POK** | Remote pump out kit | **$396.00** |
| **-RHSI** | 4" no hub inlet on right hand side | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | **$110.00, each** |
| **-SB** | Sediment bucket | **$1,650.00** |
| **-SP** | External Sampling port - inline, high connections (Part # BIG-SP) | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections (Part # BIG-SP-L) | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset (Part # BIG-SP-OF) | **$1,388.00** |
| **-SST** | Fire resistant fabricated stainless steel interceptor | **Contact MIFAB** |
| **-ST** | Fire resistant fabricated 10 gauge powder epoxy coated steel interceptor | **Contact MIFAB** |
| **-V** | Vent connection - 4" (specify number required and location - side and / or top) | **$115.00, each vent** |

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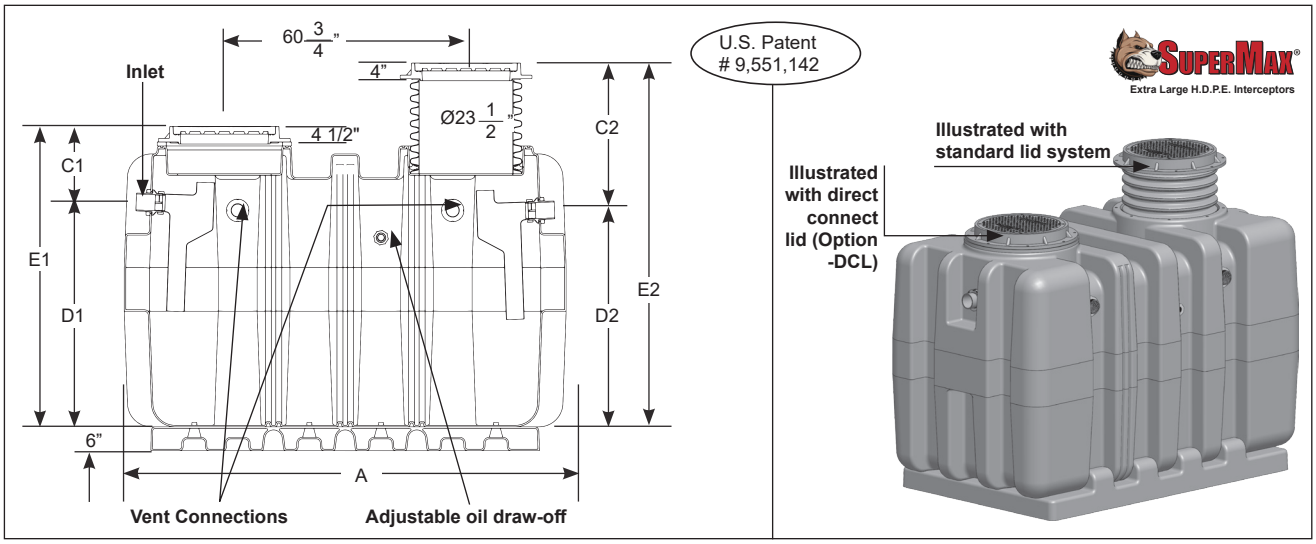
**Specification:** MIFAB® SUPER-1300-O gravity oil interceptor with 1300 U.S. gallons of liquid holding capacity has a limited lifetime warranty and is made in the U.S.A. out of seamless, rotationally molded High Density Polyethylene with 3/8" uniform wall thickness. Interceptor is designed for above or below ground installation and includes an adjustable lid system, sample port access, deep seal trap covered by lid, internal air relief by-pass, adjustable oil draw-off assembly (1 1/2" I.P.S.) on each side, double vent connections (3" I.P.S.) on each side, stainless steel calibrated orifice plate (internal flow control), base for support and floor level installation and 4" no hub inlet and outlet connections. Steel encased composite lids provide a water / gas tight seal and have a minimum of 20,000 LB. load capacity - in accordance with the loading requirements of AASHTO H20. The high density polyethylene material is PE 3135 from Dow 9.39 with a density of 0.939 g/cm3.

**Function:** Oil interceptors are required anywhere oil and sand may be introduced to the public sewer system in applications such as: repair garages, oil change stations, car wash facilities, parking garages, parking lots, hydraulic elevator pits and facilities where oil and flammable liquid waste are produced as a result of manufacturing, storage, maintenance, repair or testing processes. The interceptor collects the oil before it is drained to an adjacent storage tank through an adjustable draw off system. Typically installed either on or into the floor. Regular maintenance is required to keep the interceptor functioning. All SuperMax gravity interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.




| Model | Liquid Holding Capacity | Flow Rate (GPM) | A | Width B | C¹ Dim. | C² Dim. | D¹ Dim. | D² Dim. | E¹ Dim. | E² Dim. | F Connection Size | Shipping Weight (Lbs.) | List Price (Oil Interceptor) | List Price (Holding Tank) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SUPER-1300-O** | 1300 U.S. Gallons 4,921 litres | 250 | 111" 2820mm | 64" 1630mm | 18.75" 476mm | 37.25" 946mm | 56.25" 1429mm | 54.25" 1378mm | 75" 1905mm | 91.50" 2324mm | 4" 102mm | 1,160 | **$31,000.00** | **$23,250.00** |

| Suffix | Optional Variations | List Price |
|---|---|---|
| **-AK** | Anchor kit (set of two) | **$1,300.00** |
| **-C** | Lid extension (specify dimension required) | **$460.00 per 12"** |
| **-COA** | Coalescer Pack | **$2,650.00** |
| **-DI** | Ductile iron lid & collar | **$1,400.00** |
| **-FL-C** | Membrane clamp kit | **$700.00** |
| **-F6** | 6" No Hub Inlet / Outlet connection (flow rate of 700 GPM with 6" connections) | **$216.00** |
| **-F8** | 8" No Hub Inlet / Outlet connection (fabricated stainless steel) (flow rate of 1,200 GPM with 8" connections) | **$216.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | **$940.00** |
| **-HT** | Holding Tank | **See above** |
| **-LHSI** | 4" no hub inlet on left hand side | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | **$60.00** |
| **-POK** | Remote pump out kit | **$396.00** |
| **-RHSI** | 4" no hub inlet on right hand side | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | **$110.00, each** |
| **-SB** | Sediment bucket | **$1,650.00** |
| **-SP** | External Sampling port - inline, high connections (Part # BIG-SP) | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections (Part # BIG-SP-L) | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset (Part # BIG-SP-OF) | **$1,388.00** |
| **-SST** | Fire resistant fabricated stainless steel interceptor | **Contact MIFAB** |
| **-ST** | Fire resistant fabricated 10 gauge powder epoxy coated steel interceptor | **Contact MIFAB** |
| **-V** | Vent connection - 4" (specify number required and location - side and / or top) | **$115.00, each vent** |

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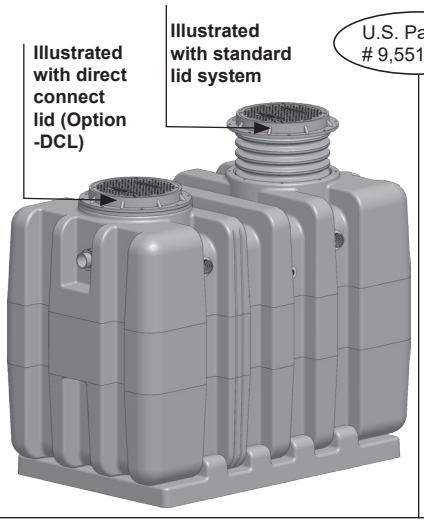
**Specification:** MIFAB® SUPER-1500-O gravity oil interceptor with 1500 U.S. gallons of liquid holding capacity has a limited lifetime warranty and is made in the U.S.A. out of seamless, rotationally molded High Density Polyethylene with 3/8" uniform wall thickness. Interceptor is designed for above or below ground installation and includes an adjustable lid system, sample port access, deep seal trap covered by lid, internal air relief by-pass, adjustable oil draw-off assembly (1 1/2" I.P.S.) on each side, double vent connections (3" I.P.S.) on each side, stainless steel calibrated orifice plate (internal flow control), base for support and floor level installation and 4" no hub inlet and outlet connections. Steel encased composite lids provide a water / gas tight seal and have a minimum of 20,000 LB. load capacity - in accordance with the loading requirements of AASHTO H20. The high density polyethylene material is PE 3135 from Dow 9.39 with a density of 0.939 g/cm3.

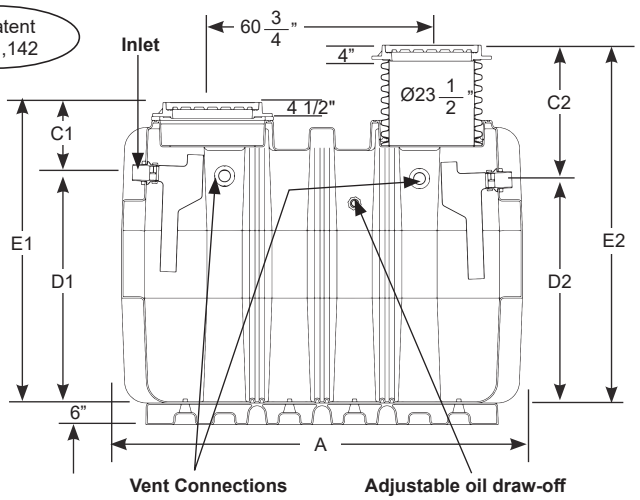
**Function:** Oil interceptors are required anywhere oil and sand may be introduced to the public sewer system in applications such as: repair garages, oil change stations, car wash facilities, parking garages, parking lots, hydraulic elevator pits and facilities where oil and flammable liquid waste are produced as a result of manufacturing, storage, maintenance, repair or testing processes. The interceptor collects the oil before it is drained to an adjacent storage tank through an adjustable draw off system. Typically installed either on or into the floor. Regular maintenance is required to keep the interceptor functioning. All SuperMax gravity interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.

SUPERMAX® Extra Large H.D.P.E. Interceptors

"MIFAB's product development is important to me and my customers. Working with MIFAB allows my customers to get what they need from one place rather than having to run around to different sources."

– Tom Babcock of Kast Marketing, Chicago, IL




| Model | Liquid Holding Capacity | Flow Rate (GPM) | A | Width B | C¹ Dim. | C² Dim. | D¹ Dim. | D² Dim. | E¹ Dim. | E² Dim. | F Connection Size | Shipping Weight (Lbs.) | List Price (Oil Interceptor) | List Price (Holding Tank) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SUPER-1500-O** | 1500 U.S. Gallons 5,680 litres | 250 | 111" 2820mm | 64" 1630mm | 18.75" 476mm | 37.25" 946mm | 64" 1626mm | 62" 1575mm | 82.75" 2102mm | 99.25" 2521mm | 4" 102mm | 1,260 | **$33,000.00** | **$24,750.00** |

| Suffix | Optional Variations | List Price |
|---|---|---|
| **-AK** | Anchor kit (set of two) | **$1,300.00** |
| **-C** | Lid extension (specify dimension required) | **$460.00 per 12"** |
| **-COA** | Coalescer Pack | **$2,650.00** |
| **-DI** | Ductile iron lid & collar | **$1,400.00** |
| **-FL-C** | Membrane clamp kit | **$700.00** |
| **-F6** | 6" No Hub Inlet / Outlet connection (flow rate of 700 GPM with 6" connections) | **$216.00** |
| **-F8** | 8" No Hub Inlet / Outlet connection (fabricated stainless steel) (flow rate of 1,200 GPM with 8" connections) | **$216.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | **$940.00** |
| **-HT** | Holding Tank | **See above** |
| **-LHSI** | 4" no hub inlet on left hand side | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | **$60.00** |
| **-POK** | Remote pump out kit | **$396.00** |
| **-RHSI** | 4" no hub inlet on right hand side | **$60.00** |
| **-RHSO** | 4" no hub outlet on right hand side | **$60.00** |
| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | **$110.00, each** |
| **-SB** | Sediment bucket | **$1,650.00** |
| **-SP** | External Sampling port - inline, high connections (Part # BIG-SP) | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections (Part # BIG-SP-L) | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset (Part # BIG-SP-OF) | **$1,388.00** |
| **-SST** | Fire resistant fabricated stainless steel interceptor | **Contact MIFAB** |
| **-ST** | Fire resistant fabricated 10 gauge powder epoxy coated steel interceptor | **Contact MIFAB** |
| **-V** | Vent connection - 4" (specify number required and location - side and / or top) | **$115.00, each vent** |

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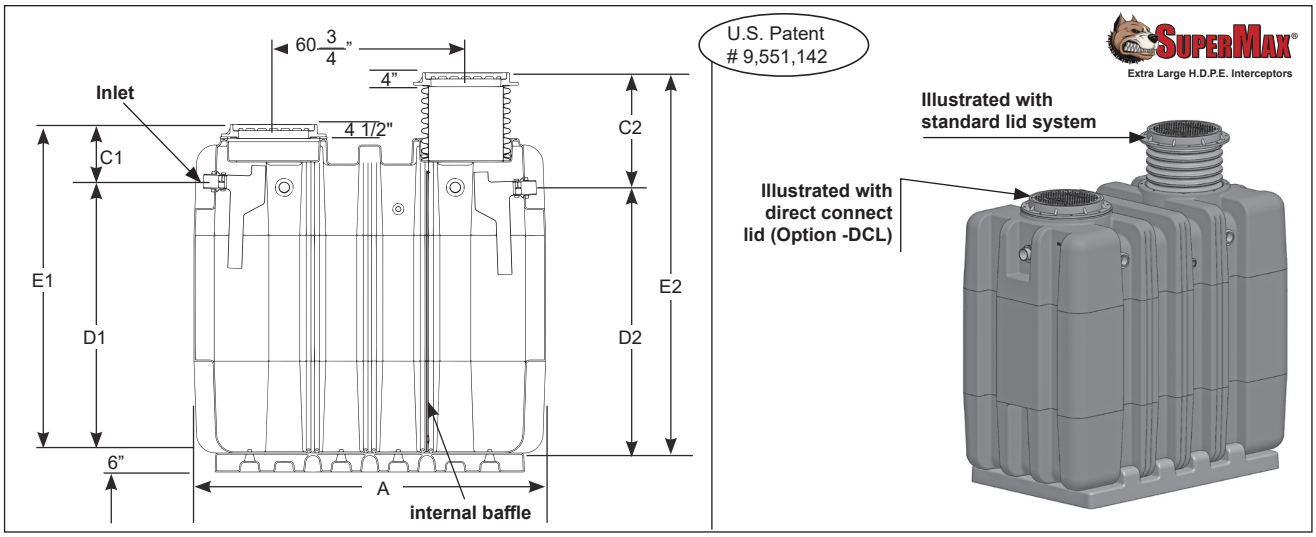
**Specification:** MIFAB® SUPER-2000-O gravity oil interceptor with 2000 U.S. gallons of liquid holding capacity has a limited lifetime warranty and is made in the U.S.A. out of seamless, rotationally molded High Density Polyethylene with 3/8" uniform wall thickness. Interceptor is designed for above or below ground installation and includes and adjustable lid system, sample port access, internal baffle, deep seal trap covered by lid, internal air relief by-pass, adjustable oil draw-off assembly ( 1 ½" I.P.S.) on each side, double vent connections (3" I.P.S.) on each side, stainless steel calibrated orifice plate (internal flow control), base for support and floor level installation and 4" no hub inlet and outlet connections. Steel encased composite lids provide a water / gas tight seal and have a minimum of 20,000 LB. load capacity – in accordance with the loading requirements of AASHTO H20. The high density polyethylene material is PE 3135 from Dow 9.39 with a density of 0.939 g/cm3.

**Function:** Oil interceptors are required anywhere oil and sand may be introduced to the public sewer system in applications such as: repair garages, oil change stations, car wash facilities, parking garages, parking lots, hydraulic elevator pits and facilities where oil and flammable liquid waste are produced as a result of manufacturing, storage, maintenance, repair or testing processes. The interceptor collects the oil before it is drained to an adjacent storage tank through an adjustable draw off system. Typically installed either on or into the floor. Regular maintenance is required to keep the interceptor functioning. All SuperMax gravity interceptors can withstand a temperature of up to and including 180 degrees Fahrenheit.




| Model | Liquid Holding Capacity | Flow Rate (GPM) | A | Width B | C¹ Dim. | C² Dim. | D¹ Dim. | D² Dim. | E¹ Dim. | E² Dim. | F Connection Size | Shipping Weight (Lbs.) | List Price (Oil Interceptor) | List Price (Holding Tank) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SUPER-2000-O** | 2000 U.S. Gallons 7,570 litres | 250 | 111" 2820mm | 64" 1630mm | 18.75" 476mm | 37.25" 946mm | 85.50" 2172mm | 83.50" 2121mm | 104.25" 2648mm | 120" 3048mm | 4" 102mm | 1,350 | **$35,000.00** | **$26,250.00** |

| Suffix | Optional Variations | List Price |
|---|---|---|
| **-AK** | Anchor kit (set of two) | **$1,300.00** |
| **-C** | Lid extension (specify dimension required) | **$460.00 per 12"** |
| **-COA** | Coalescer Pack | **$2,650.00** |
| **-FL-C** | Membrane clamp kit | **$700.00** |
| **-F6** | 6" No Hub Inlet / Outlet connection (flow rate of 700 GPM with 6" connections) | **$216.00** |
| **-F8** | 8" No Hub Inlet / Outlet connection (fabricated stainless steel) (flow rate of 1,200 GPM with 8" connections) | **$216.00** |
| **-HLA** | High level alarm and float switch (to be installed on site) | **$940.00** |
| **-HT** | Holding Tank | **See above** |
| **-LHSI** | 4" no hub inlet on left hand side | **$60.00** |
| **-LHSO** | 4" no hub outlet on left hand side | **$60.00** |
| **-POK** | Remote pump out kit | **$396.00** |
| **-RHSI** | 4" no hub inlet on right hand side | **$60.00** |
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| **-RPO** | 4" Remote pump outlet connections on top of interceptor - specify location and number required | **$110.00, each** |
| **-SB** | Sediment bucket | **$1,650.00** |
| **-SP** | External Sampling port - inline, high connections (Part # BIG-SP) | **$1,388.00** |
| **-SP-L** | External Sampling port - inline, low connections (Part # BIG-SP-L) | **$1,388.00** |
| **-SP-OF** | External Sampling port - offset (Part # BIG-SP-OF) | **$1,388.00** |
| **-SST** | Fire resistant fabricated stainless steel interceptor | **Contact MIFAB** |
| **-ST** | Fire resistant fabricated 10 gauge powder epoxy coated steel interceptor | **Contact MIFAB** |
| **-V** | Vent connection - 4" (specify number required and location - side and / or top) | **$115.00, each vent** |

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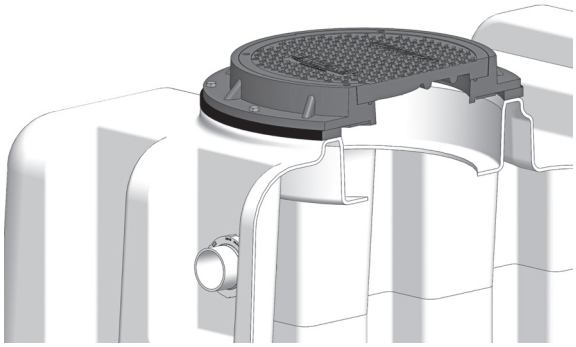
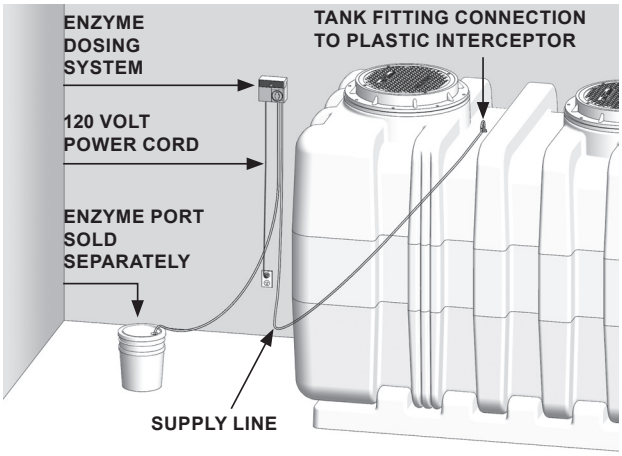
## DIRECT CONNECT LID - SUFFIX -DCL

For above ground installations, the standard lid design is often not needed. With the -DCL option, the lid can be bolted to the top of the SuperMax®. A gasket is supplied to install between the top of the interceptor and the underside of the lid.
The direct connect gasket (part # SUPER-PCG) and hardware (part # HS-26) are shipped standard with every SuperMax interceptor (two of each).



## ENZYME DOSING PUMP SYSTEM – SUFFIX -DS

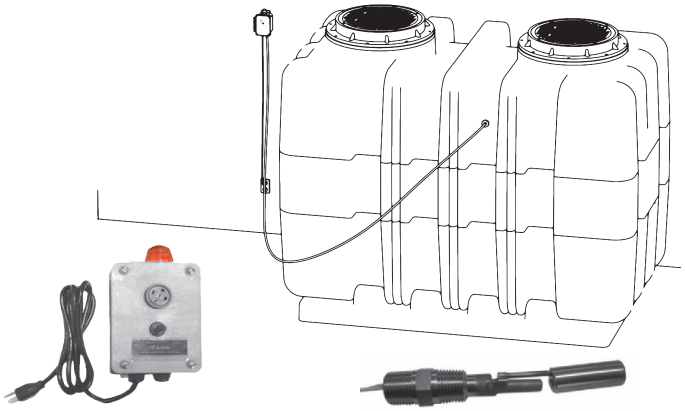
The purpose of the enzyme dosing pump is to release grease and bacteria eating enzymes into the grease interceptor to consume the accumulated grease. The enzyme dosing pump can be ordered with any MIFAB grease interceptor. It is ideal for grease interceptors that are located in high volume kitchens. The enzyme dosing pump system includes a 120 volt automatic dosing pump with a programmable 24 hour timer and dosage run time. The system also includes 15' of poly tubing.




## HIGH LEVEL ALARM

The purpose of the High Level Alarm is to monitor and send an audible and visual alarm when the interceptor's grease or oil capacity is approximately 75% full. (Specify suffix -HLA) High level alarm systems can be installed on any MIFAB® grease or oil interceptors to allow the owner to monitor grease and oil levels. This permits the interceptor to be maintained when required.

The -HLA option includes an alarm control box that is weatherproof rated NEMA 4/4X, 6' 120VAC Power Cord, 360° viewable alarm light, 85 dB @ 10' solid tone alarm and a silence and test button that is to be mounted to the nearest structure. It also includes a float switch that is mounted inside the interceptor for oil or grease level detection and is connected to the alarm control box. Note that the the alarm control box and float switch are not installed at the MIFAB factory. They need to be installed on site.

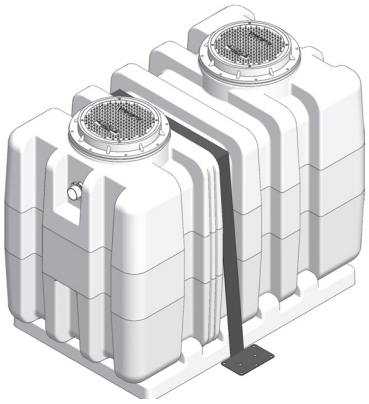


ALARM CONTROL BOX

FLOAT SWITCH

*"MIFAB always has good stock on stainless steel floor drains, floor sinks and cleanouts."*

– Carter Patterson, Moore Supply, San Antonio, TX



## ANCHOR KIT

The Anchor Kit is used to secure the interceptor to a slab or to prevent buoyancy in a high water table. (Suffix -AK)

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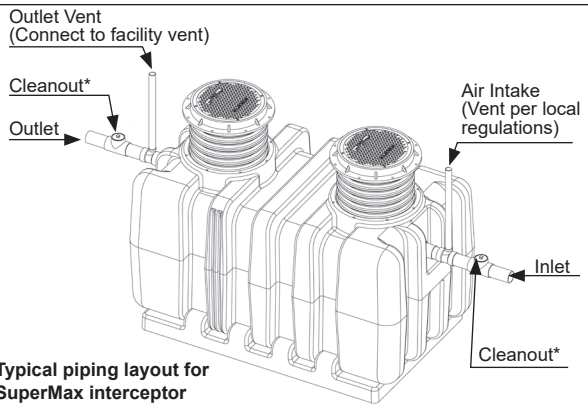
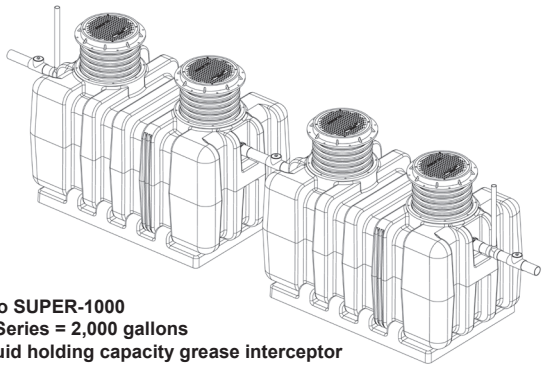
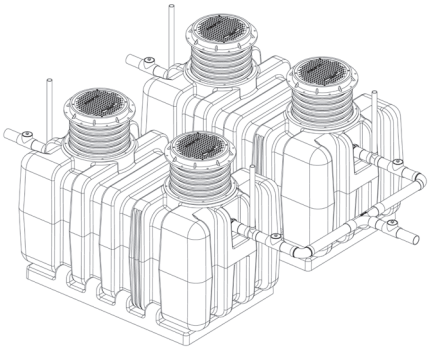
SuperMax® gravity Interceptors may be used in any number of different combinations to properly service the application.



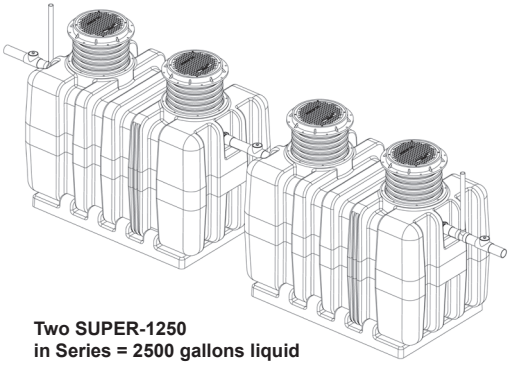

**Typical piping layout for SuperMax interceptor**



**Two SUPER-1000 in Series = 2,000 gallons liquid holding capacity grease interceptor**



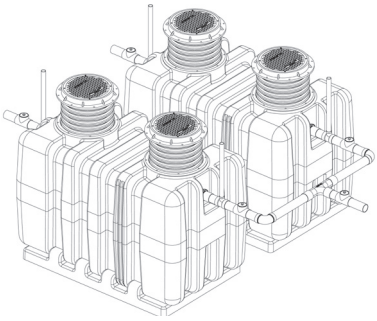
**Two SUPER-1000 in Parallel = 2,000 gallons liquid holding capacity grease interceptor**



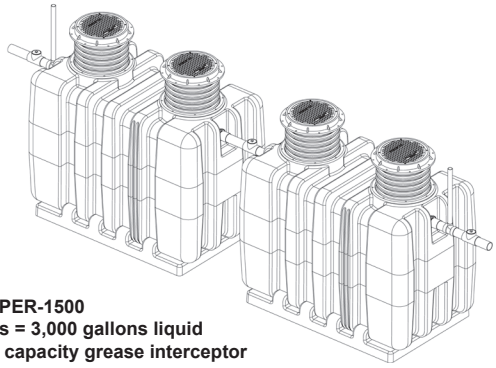
**Two SUPER-1250 in Series = 2500 gallons liquid holding capacity grease interceptor**

*"We really like the C-PORT products. MIFAB overall has a great product offering with a wide selection. I have not had any issues with using MIFAB on a job. Also, the local representative is great !"*

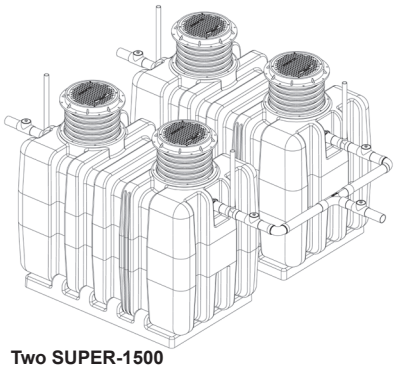
– Mike Bright, Arizona
Pinnacle Engineering



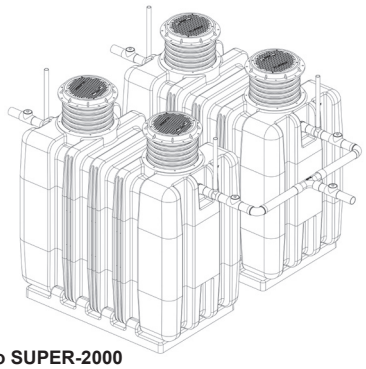
**Two SUPER-1250 in Parallel = 2500 gallons liquid holding capacity grease interceptor**



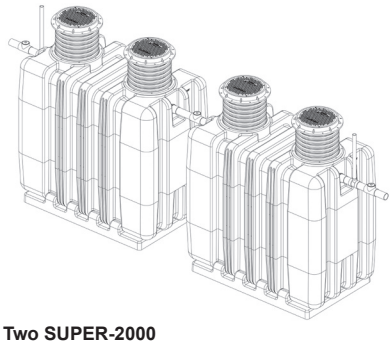
**Two SUPER-1500 in Series = 3,000 gallons liquid holding capacity grease interceptor**



**Two SUPER-1500 in Parallel = 3,000 gallons liquid holding capacity grease interceptor**



**Two SUPER-2000 in Parallel = 4,000 gallons liquid holding capacity grease interceptor**



**Two SUPER-2000 in Series = 4,000 gallons liquid holding capacity grease interceptor**

*** Please see MIFAB® website for other combinations**

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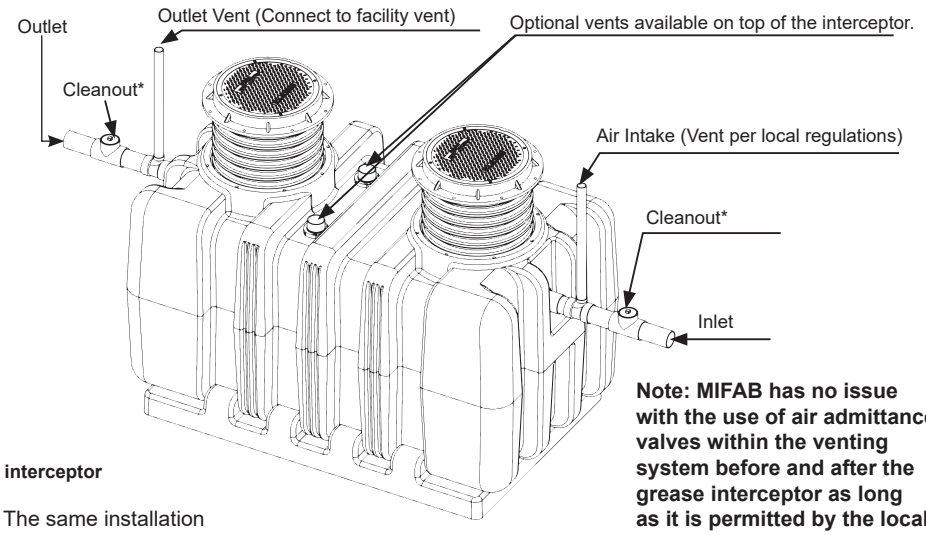
Venting of the SuperMax® gravity interceptor is recommended by MIFAB® and required for indoor installations.

- Vent the SuperMax® grease interceptor on the inlet side. It is also recommended to vent the outlet side of the SuperMax® grease interceptor right after the outlet.

**Part number for the 4" vent connection is SUPER-PF4**




**Typical piping layout for SuperMax® interceptor**

**Note:** SUPER-1000 is illustrated. The same installation detail applies to the other SuperMax® interceptors.

**Note: MIFAB has no issue with the use of air admittance valves within the venting system before and after the grease interceptor as long as it is permitted by the local authority having jurisdiction.**

## INTERCEPTOR PLACEMENT

The interceptor should be visible and easily accessible for maintenance and inspection. The SUPER-500 model can be installed in a basement, suspended from a ceiling or in-ground in an exterior location. Ensure that adequate room is provided around the interceptor to allow easy access for a pump truck operator. Ensure that the height above the SUPER-500 model access cover is enough to properly service the interceptor.

## INLET/OUTLET PIPING

The inlet and outlet piping connections require no hub pipe couplings. (See MIFAB®'s MI-HUB Series of no hub couplings.) Keep outlet piping as straight as possible. MIFAB® recommends installation of 4" (102 mm) cleanouts on both the Inlet and Outlet of 4" for the SuperMax® Interceptors and Solids Interceptors in accordance with all applicable laws, regulations and codes. Use only "sweep" connections. Do not reduce the pipe sizing on the outlet piping. Do not install a "P" trap on the outlet connection of system. (Note: The system already has an internal gas trap.)

## FLOW CONTROLS

For the SUPER-500 model interceptors are supplied with a stainless steel calibrated orifice plate (internal flow control). An external, vented, flow control fitting is required to be installed before the inlet of the grease interceptor to meet the P.D.I. G-101 for the SUPER-500 model.

## VENTING THE OUTLET

An outlet vent or approved air admittance valve of at least 1/2 the diameter of the interceptor's outlet connection must be installed as close as possible to the SuperMax® outlet to prevent possible siphonage problems. The vent on the outlet piping is to be installed in accordance with all applicable laws, regulations and codes. Failure to provide a vent for the interceptor voids MIFAB® Warranty for the system.

## RECOMMENDED EXCAVATION, BACKFILLING, AND FINISHING FOR FOR THE SUPERMAX® INTERCEPTORS

A. Install the interceptor(s) as close as practical to the fixtures being served.
B. The excavation must be a minimum of 18" greater on all sides of the tank.
C. The depth of the excavation must be greater than 12" on the bottom of the interceptor.
D. Fill the interceptor with water prior to backfilling in order to prevent the interceptor from floating.
E. Fully install the double wall corrugated pipe and lid prior to backfilling.
F. Concrete or finishing material requirements are to be determined by the specifying engineer.
G. Encase the interceptor in well-packed ¾" rock, or sand. Do not compact backfill around interceptor.
H. To prevent float out: the Anchor kit is recommended for installations in high water table conditions. This is to be determined by the specifying engineer.

*"MIFAB's stainless steel drains are a cost competitive option to nickel bronze by others. This is particularly important in the South Florida market where the salt environment is aggressive and the building accents are often done in stainless or in chrome. Nickel bronze is simply not cosmetically acceptable when juxtaposed to the Architect's selected metallic finishes."*

– David Tinsley, Plumbing Engineer, KAMM Consulting, Fort Lauderdale, FL

Note: Drawings are for reference only. Equipment must be installed in compliance with all applicable laws, regulations and codes, including plumbing codes. Installation should be done by a licensed plumber.

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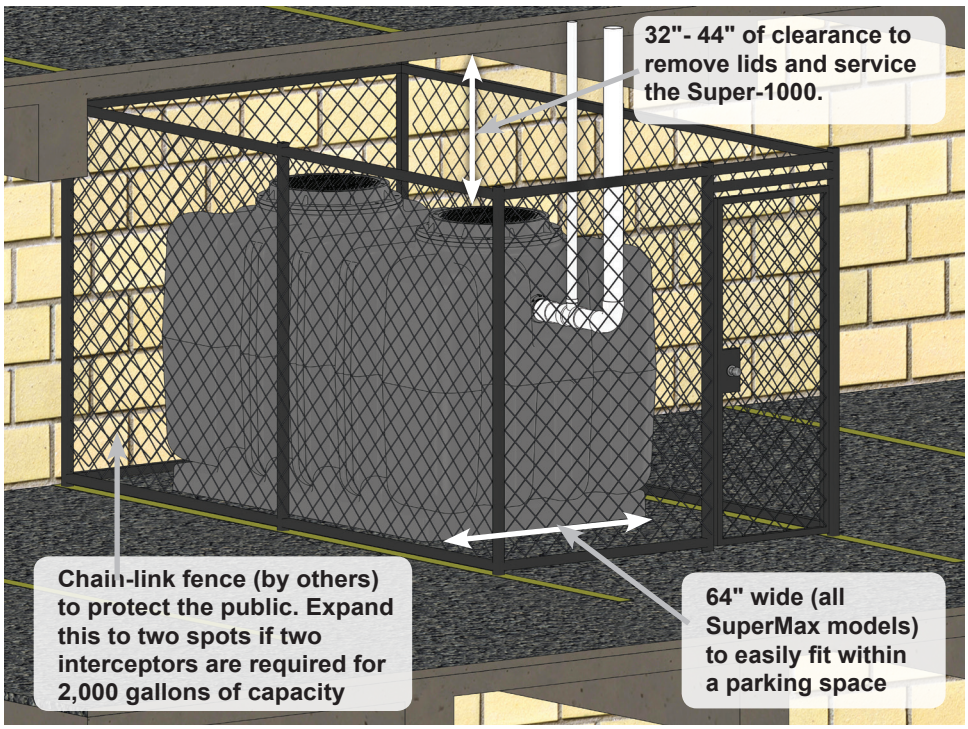
## SUPERMAX Gravity Grease Interceptors installed in a Parking Garage

In urban locations, there is often not enough space outside of the building to locate the grease interceptor. Therefore, many specifiers will locate the grease interceptor inside of the building; in a parking space or mechanical room. MIFAB has designed the SuperMax grease interceptors to have a consistent width of 64" and a consistent length of 111" regardless of their size (this applies to our 500, 750, 1000, 1250, 1300, 1500 and 2000 liquid holding capacity models). Most parking spots are 100" wide and 16 feet long; providing ample room for the SuperMax to fit.

**Parallel Tank Installation Note:** 2 parking stalls at 100" minimum width equals 200" minus two SuperMax grease interceptors at 64" wide each leaves 72", which when divided by three equals 24" of clear space on the outside of each interceptor and also in between them. These two interceptors could then be chain-link fenced to protect the public, and still fit nearly within two parking spaces.

> "I have worked with MIFAB for 15 years. They are able to provide a full line of products that are complimentary to other manufacturers."
>
> – Joe Ficek of Grumman Butkus, Consulting Engineers, Chicago, IL




The typical Building Code requirement for interior height of parking lots is 84" for regular and other accessible spaces and 98" for van accessible parking. *"All parking garages shall have an unobstructed headroom clearance of not less than 7' feet (84") above the finished floor to any ceiling, beam, pipe or similar obstruction."* City of Los Angeles Municipal Code 12.21A5. The depth of the ceiling beams can vary greatly and are somewhat proportional to their distance apart. The beam depth is often added to the overall height if the SuperMax can be positioned between the beams.

A typical parking garage with 84" of vehicular clearance along with 12" to 18" of ceiling beam depth provides from 102" to 114" from floor to ceiling between the beams. Following are the heights of the larger SuperMax gravity grease interceptors:

1) **Super-1000 –** 70" high including the 6" high base, leaving 32" to 44" of space (respectively) to open the lids and service the interceptor. This is optimal and parallel tanks can double the capacity to 2,000 gallons.
2) **Super-1300 –** 81" high including the 6" high base, leaving 21" to 33" of space (respectively). This also provides enough room for servicing and parallel tanks can double the capacity to 2,600 gallons.
3) **Super-1500 –** 88.75" high including the 6" high base, leaving only 13" to 25" of crawlspace (respectively). Some Building Department Plan-Check and Permitting Inspectors have commented that using 20" as a minimum space based on IAPMO / ANSI Z1001 Section 4.4.2 which requires a 20" diameter I.D. minimum opening. However, that is extremely tight and likely to lead to improperly suctioned tanks, bad odors and potential clogging problems.

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Pipe clogged with grease

## Heat Tracing for Grease Waste

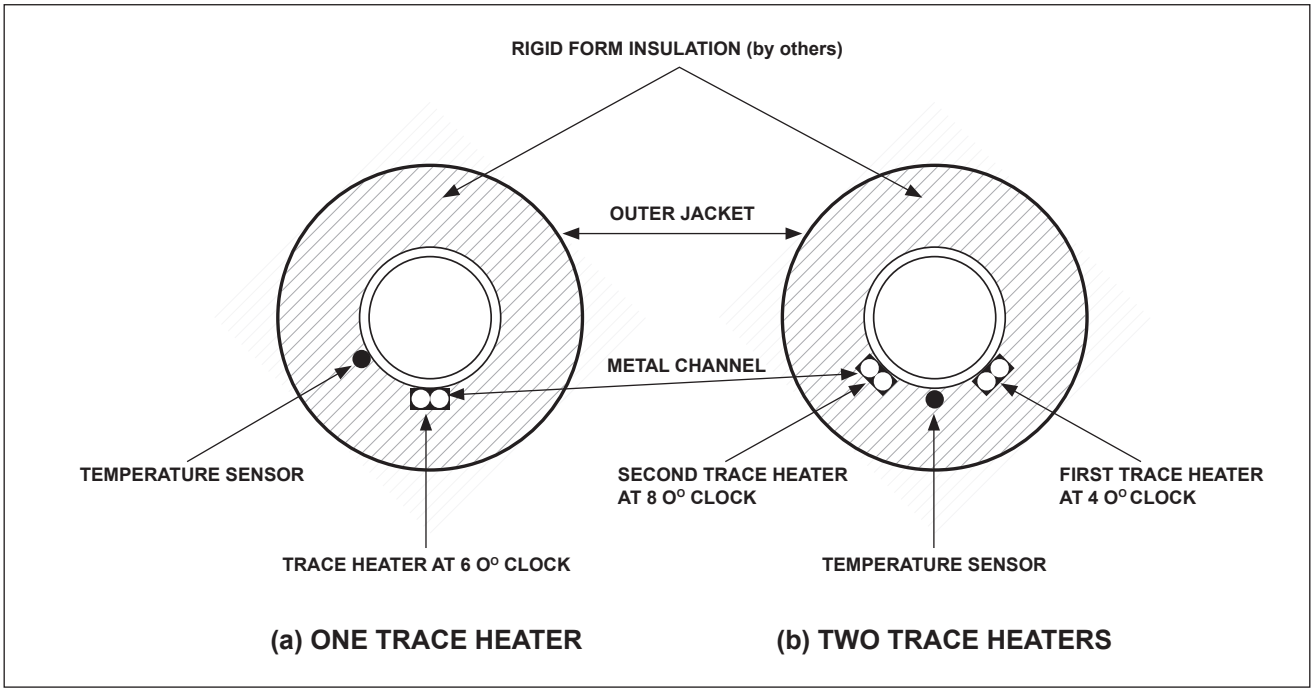
Grease interceptors are increasingly installed further away from the kitchen – often outside of the building. This makes it important to heat the FOG (Fat, Oil and Grease) and reduce its viscosity from the initial flow point to the grease interceptor to prevent blockage and maintain flow within the pipe. FOG separates best when the waste water is hot – typically between 109.4° F – 120.2° F. Pipe insulation alone is not enough to keep grease waste flowing. MIFAB® has a product solution to heat trace the piping from the source of the grease waste to the grease interceptor to prevent clogging of the pipes.

> *"I feel comfortable calling MIFAB to ask for advice and assistance."*
>
> – Joe Ficek of Grumman Butkus, Consulting Engineers, Chicago, IL

## Standards and Codes

The Standard for commercial heat tracing is — IEEE515.1. This references grease waste flow maintenance. Items of note for grease waste flow maintenance from IEEE515.1:

1. Maintain Temperature: 43-49C = 109.4° F — 120.2°F
2. Temperature difference for buried piping = Temperature Maintain — Soil Temperature
3. Heater Location: Gravity pipe so heater location should be as indicated below:




4. This is a line sensing control application which means a temperature sensor needs to be placed on the grease waste pipe. The location of the sensor should be 50mm or 2" from the heater. On plastic pipe, two heaters are recommended versus a single heater for cast iron pipe with placement @ 4 & 8 o'clock. The temperature sensor shall be placed between the two heaters.
5. The cable outer jacket is required to be a fluoropolymer to protect the heater core from FOG (Fats, Oil and Greases) which is unable to permeate the fluoropolymer jacket.

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**Canadian & USA National Electric Codes impact the design in two ways:**

1. Ground Fault circuit protection is required for all heat tracing circuits. For this application, it would be equipment protection level = 30mA. This is a safety measure for ensuring that the circuit is de-energized if the currents leakage is 30mA or greater.

2. Electrical connections are not permitted below grade. That means no power connections, splices, tees or end sealing of the heat trace cable.

**General System Operation**

Heat is added to the grease waste piping from the kitchen to the exterior grease interceptor. The amount of heat needed is the temperature difference between the ambient temperature of the pipe and the desired constant temperature.

**Parts of a Grease Heat Tracing System:**

**1. Heating Cable**

a. Watts Density: For grease waste pipe heat tracing, we recommend SRF-##-#-CT. The first two numbers represent the watts density of the cable: 3, 5, 8 or 10 per foot. The second number represents the voltage of the cable either 1= 120V or 2 = 208-277V.

b. Cable Outer Jacket: CT — fluoropolymer jacket. CR — polyolefin jacket. The IEEE 515.1 Standard requires CT jacket for grease waste pipe heat tracing. We recommended cable model no. SRF8-2CT (8 watts/ft. @ 208-277V).

**2. Controller**

a. We recommend the ICT1/2 controller.

b. The biggest issue is ground fault circuit protection. It can be done in one of two ways: At the circuit breaker panel or at the heat trace controller. It is often overlooked at the panel because the plumbing engineer and the electrical engineer have not co-ordinated it. If forgotten by either side, it can be an issue for the installer because 30 mA EPD breakers can get expensive in the higher voltages. Therefore, we strongly recommend the controller have that capability integral to the unit.

c. The second issue is communications. The trend is to tie the heat trace controller to the BMS. The ITC1/2 is the starting point for this capability.

d. The ITC1/2 is available in two versions — ITC1 = single circuit or ITC2 = two circuit.

**3. Sensors**

a. We recommend 100 Ohm, three wire RTD sensors for temperature input. We recommend model # RBF-HT-##-FA-CF which is an RTD with an armored cable over the wires.

b. The ## represents the length of the pigtail which will be either 10' or 50'.

c. One sensor per circuit is required.

**4. Components**

a. Components are the transition from line voltage to heating cable, heating cable splices or tees and end seals. We need two different versions for this application depending on the location of the grease waste pipe. For buried pipe, we recommend our EL Series of crimp & heat shrink components and for all other pipes — indoor or exterior will use our SnapFit — Quick connect components.

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**5. Accessories**

a. Typically, the heating cable is secured to the grease waste pipe with fiberglass tape every 18"-24".

**Alternatively, plastic wire ties can be used instead of fiberglass tape. Our tape requirements for different pipe diameters are listed below:**

| TAPE TYPE | ROLLS NEEDED PER 100' OF PIPE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | PIPE DIA. (IN.) | | | | | | | | |
| | 1/2" | 1 | 2 | 3 | 4 | 6 | 8 | 10 | 12 |
| FT-3 | 1 | 2 | 4 | 4 | 6 | 8 | 10 | 12 | 15 |

b. **Labels:** Identification labels are required on the exterior of the pipe at an interval of every 10 feet on opposite sides of the pipe.

c. **Aluminum Tape:** PVC waste pipe will require aluminum tape over top of the heating cable.

d. **INSULATION:** Is required for any pipe heat trace application. Grease waste pipe which is buried must be recommended by the insulation manufacturer to withstand the loading of the soil and still provide insulation to the pipe. Exposed piping is much easier to insulate and conventional fiberglass and foam style insulations can be used on this piping. Insulation is to be purchased from others.

**Grease Waste Pipe Heat Tracing Maintenance Design Challenges**

The biggest challenge is determining the ambient temperature zone of the grease waste piping on the project. There are three ambient temperature zones: buried, outdoor and temperature controlled environment. Each ambient temperature zone affects the temperature difference of the pipe. A project can have one ambient temperature zone, two or all three. For example: on a recent 20 story building, a law firm was located on the 20th floor with a kitchen adjacent to the offices. The grease waste stack obviously needed to travel 20 floors before exiting the building into a parking garage. The pipe then traveled horizontally for 50' before going underground to the exterior grease interceptor. This resulted in three ambient temperature zones for the same grease waste. Each ambient temperature zone required a different circuit and a different cable.

The most common application is for a direct buried grease waste pipe from the exterior of the building to the grease interceptor. The challenge with this application is getting the heating cable & sensor on and off the pipe. The heating cable must be protected if it is direct buried. The design engineer should show a conduit as a raceway for the cable on and off of the pipe. The vent on the interceptor might be used as the exit point for the heating cable. Alternatively, the heating cable can be brought above grade at the building foundation, and power connected and terminated inside of a project approved junction box.

Because it is line sensing application, we recommend a temperature sensor be installed onto the grease waste pipe with the same approach as above in a conduit from a j-box to the pipe. This can be an expensive fix for the installer if forgotten.

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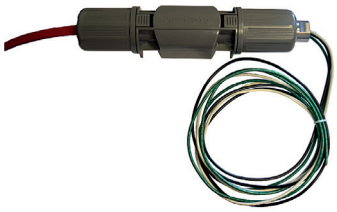
# SYSTEM COMPONENTS

## SRF-CT HEATING CABLE

MIFAB® SRF Heating Cable is designed to add in the additional heat required to keep the FOG flowing until it reaches the interceptor where it can separate. Our SRF cable with self-regulating technology is ideally suited for this application because it adjusts its heat out in response to sensed temperature of the pipe - adding the correct amount of heat efficiently along the entire length of greasy waste piping. Our SRF heating cable attaches quickly to either plastic or cast iron sanitary pipe lines and doesnt require spiral wrapping of the cable around the pipe.

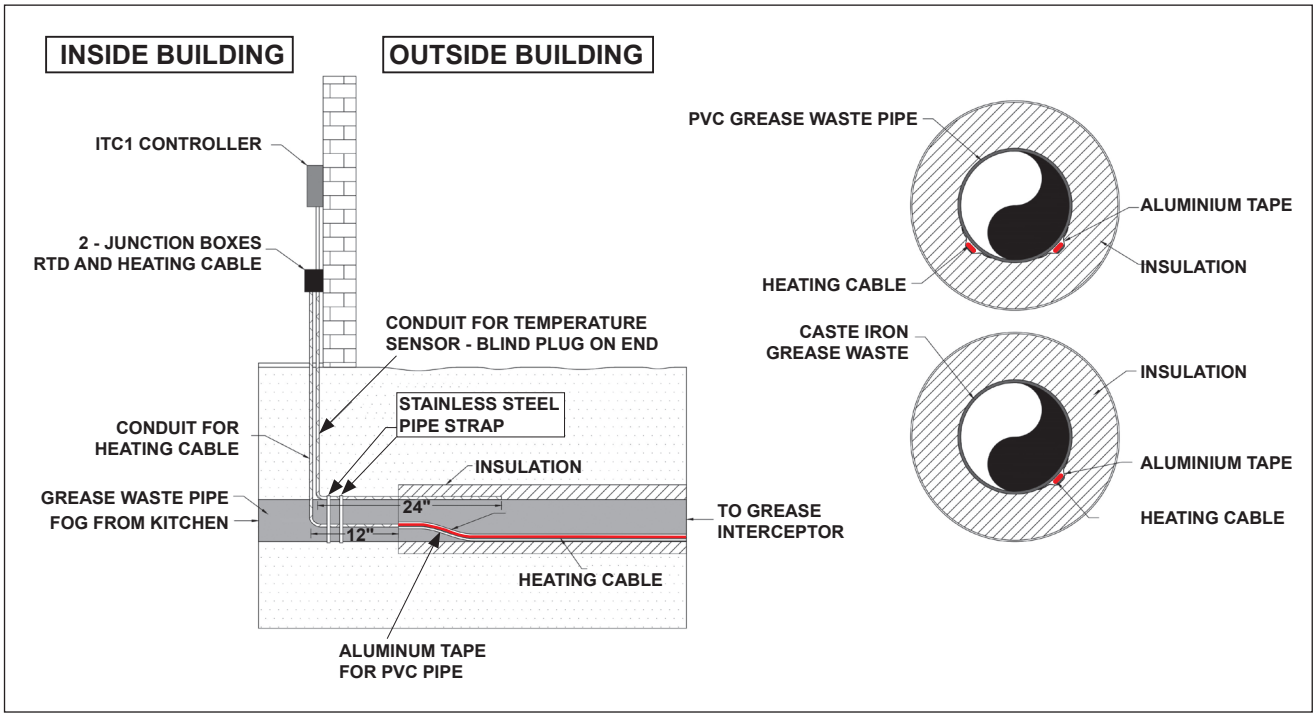
## SNAPFIT CONNECTION KITS

MIFAB®'s Grease Waste Flow Maintenance System is compatible on either above ground or below grade piping. The cable is attached to the bottom the piping, adding heat to the keep the grease liquid and flow to the interceptor. Our SnapFit Connection System makes it easy for any trade to connect the heating cable to the piping. Simply tighten the cap to make a waterproof, connection of the heating cable. SnapFit Connections are available for Power, Tees, Splices & End Seals.



## ITC HEAT TRACE CONTROLLERS

Our state of the art, digital ITC1/2 Controller provides a full color display of set & actual pipe temperatures, alarms & system status. Our ITC1/2 Controller can communicate system information with your building management system. This offers a complete solution to prevent clogs and blockage in your greasy waste piping. Contact your local MIFAB® Sales Representative for more information or design assistance.

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MIFAB Series MI-NEUT solid construction high density polyethylene, seamless construction body with inlet and outlet, optional vent connections, acid resistant epoxy coated bolted down gasketed lid, stainless steel hardware. Neutralization tanks are used in laboratories, industrial processes or other polluting sources to dilute and neutralize harmful wastes that may be discharged.
Limestone chips are required to be placed inside of the acid neutralization tank and can be purchased separately from MIFAB.

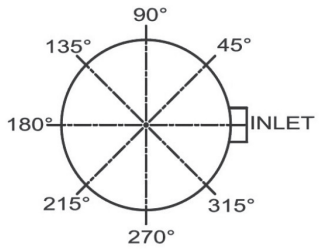
| MI-NEUT | | | | | | | |
|---|---|---|---|---|---|---|---|
| **MODEL NO.** | **GALLON CAPACITY** | **A (DIAMETER)** | **B (HEIGHT)** | **C** | **D** | **E (INLET / OUTLET)** | **LIST PRICE** |
| **MI-NEUT-2** | 2 | 13 3/4" (349) long x 11 1/8" (283) wide x 10 5/8" (270) high | | 6 1/2" (165) | 6 1/2" (165) | 2" (51) | **$270.00** |
| **MI-NEUT-5** | 5 | 11" (279) | 15-5/8" (367) | 11" (279) | 8" (203) | 2" (51) | **$310.00** |
| **MI-NEUT-15** | 15 | 18" (457) | 21-5/8" (549) | 11" (279) | 8" (203) | 2" (51) | **$1,000.00** |
| **MI-NEUT-30** | 30 | 18" (457) | 29-5/8" (752) | 23" (584) | 19" (483) | 3" (76) | **$1,300.00** |
| **MI-NEUT-55** | 55 | 22" (559) | 36-5/8" (930) | 27" (687) | 23" (584) | 4" (102) | **$1,700.00** |
| **MI-NEUT-100** | 100 | 28" (711) | 43-1/4" (1099) | 35" (889) | 31" (787) | 4" (102) | **$3,200.00** |
| **MI-NEUT-150** | 150 | 31" (787) | 49-7/8" (1267) | 38" (965) | 34" (864) | 4" (102) | **$3,800.00** |
| **MI-NEUT-175** | 175 | 30" (762) | 62-3/4" (1594) | 46" (1168) | 42" (1066) | 4" (102) | **$4,000.00** |
| **MI-NEUT-200** | 200 | 36" (914) | 49-3/4" (1263) | 38" (965) | 34" (864) | 6" (152) | **$4,200.00** |
| **MI-NEUT-275** | 275 | 42" (1067) | 49" (1245) | 38" (965) | 34" (864) | 6" (152) | **$4,400.00** |
| **MI-NEUT-300** | 300 | 48" (1220) | 42 1/4" (1073) | 36 1/4" (920) | 32 1/4" (819) | 6" (152) | **$4,500.00** |
| **MI-NEUT-350** | 350 | 48" (1219) | 49-1/4" (1251) | 38" (965) | 34" (864) | 6" (152) | **$10,000.00** |
| **MI-NEUT-500** | 500 | 52" (1321) | 62-1/8" (1578) | 52" (1321) | 46" (1168) | 6" (152) | **$14,700.00** |
| **MI-NEUT-550** | 550 | 48" (1219) | 73" (1854) | 64" (1626) | 60" (1524) | 6" (152) | **$15,000.00** |
| **MI-NEUT-650** | 650 | 48" (1219) | 85-1/4" (2165) | 77" (1956) | 73" (1854) | 6" (152) | **$15,100.00** |
| **MI-NEUT-700** | 700 | 55" (1397) | 74-1/4" (1886) | 62" (1575) | 58" (1473) | 6" (152) | **$18,750.00** |
| **MI-NEUT-800** | 800 | 60" (1524) | 68" (1727) | 57" (1448) | 53" 1346) | 6" (152) | **$19,100.00** |
| **MI-NEUT-1000** | 1000 | 66" (1676) | 74.5" (1892) | 64" (1626) | 60" (1524) | 6" (152) | **$25,000.00** |
| **MI-NEUT-1200** | 1200 | 69" (1753) | 86-7/8" (2207) | 74" (1880) | 68" (1727) | 6" (152) | **$27,100.00** |
| **MI-NEUT-1500** | 1500 | 73" (1854) | 85-3/8" (2169) | 74" (1880) | 68" (1727) | 6" (152) | **$30,000.00** |
| **MI-NEUT-2000** | 2000 | 84" (2134) | 92-1/8" (2340) | 74" (1880) | 68" (1727) | 6" (152) | **$35,000.00** |
| **MI-NEUT-3000** | 3000 | 95" (2413) | 100" (2540) | 87" (2210) | 81" (2057) | 6" (152) | **$40,000.00** |

**Note:** Limestone chips are not included in above pricing. $**150.00** List Price for a 50 lb. bag of limestone chips. Model Number is MI-LSC

*"They have a multitude of products that they offer on both the plumbing and heating side. This allows us to expand with our customers."*

– Dan Thomas of Ben Thomas and Associates, Shade Gap, PA

Image of the MI-NEUT-2. Different design than the other models




Specity: Outlet and angle: 0 (angle)
• Vent and angle : V(angle)

| SUFFIX | DESCRIPTION | LIST PRICE |
|---|---|---|
| **-5** | Sediment bucket with handle | **$1,600.00** |
| **-E** | Extension (Specify Height) | **Contact MIFAB** |
| **-M** | MI-NEUT-MONITOR | **$1,700.00** |
| **-O** | Optional angle outlet connection (Specify size and location) | **$200.00** |
| **-SBX** | Sample Box | **Contact MIFAB** |
| **-TF** | Female N.P.T. threaded connections (1 1/2", 2", 3" or 4") | **$64.00 - 1 1/2", 2"**<br>**$96.00 - 3", 4"** |
| **-TM** | Male N.P.T. threaded connections (1 1/2", 2", 3" or 4") | **$64.00 - 1 1/2", 2"**<br>**$96.00 - 3", 4"** |
| **-V** | Optional vent outlet connection (Specify size and location) | **$110.00** |

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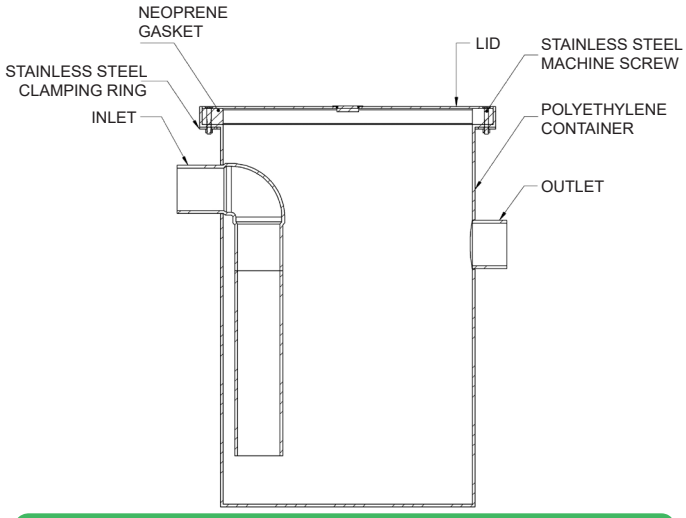
**Function:** The MIFAB Series of MI-NEUT acid neutralization tanks are engineered to intercept and then dilute and neutralize hazardous chemicals before discharging them into the public drainage system.

The incoming wastewater is directed through the inlet into the bottom of the MI-NEUT acid neutralization tank. The wastewater passes through limestone chips inside of the tank as it flows to the outlet. The calcium carbonate in the limestone chips reacts with the acids in the wastewater to form harmless neutral salts, water and carbon dioxide. The neutralized salts are transformed into sludge and settle to the bottom of the tank. Carbon dioxide gas mixes with water to form carbonic acid, which helps neutralize alkaline wastes. The water helps to dilute the acidic, alkaline and solvent wastes. The wastewater, now neutralized, flows through the outlet and into the public drainage system.

**Sizing:** Local and National Plumbing Codes have different ways of sizing acid neutralization tanks. It is recommended to consult with the Code Officials in your area for their sizing requirements. The most common sizing method is to calculate the number of laboratory sinks draining into the acid nuetralization tank and then choosing a corresponding acid neutralization tank to handle the flow from these sinks. (see Sizing Table below)




"I consider them my friends! We support each other like friends or family."

– Joe Ficek of Grumman Butkus, Consulting Engineers, Chicago, IL

| Number of Laboratory Sinks | 1 | 2 | 4 | 8 | 16 | 22 | 27 | 30 | 40 | 50 | 60 | 75 | 110 | 150 | 175 | 200 | 300 | 500 | 600 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acid Neutralization Tank Size in Gallon Capacity | 2 | 5 | 15 | 30 | 55 | 75 | 90 | 108 | 150 | 175 | 200 | 275 | 360 | 500 | 550 | 650 | 1200 | 2000 | 3000 |
| (in Litres Capacity) | 7.56 | 18.90 | 56.80 | 113.60 | 208.20 | 283.90 | 340.70 | 408.80 | 567.80 | 662.40 | 757.00 | 1040.90 | 1362.60 | 1898.50 | 2081.80 | 2460.30 | 4542.00 | 7570.00 | 11355.00 |

**Note: For commercial and industrial laboratories, the number of laboratory sinks should be multiplied by a .50 use factor.**

**Limestone Chips:**
Limestone chips used with acid neutralization tanks must be 1" - 3" in diameter and must contain a high calcium carbonate content greater than 90%. See the accompanying table to determine the correct amount of limestone chips needed for each MI-NEUT acid neutralization tank. This table provides the approximate amount needed for a charge (one filling). Replacement limestone chips will be required as determined by the use of the tank.

**Acid Neutralization Tank Maintenance:**
A regular maintenance program (replacement of the limestone chips) of one to three months is recommended.
More frequent maintenance may be required depending on the volume of wastewater and amount of chemicals in the wastewater. If a regular maintenance program is not performed, the efficiency of the acid neutralization tank will suffer.

**Note: Limestone chips are not included in the MI-NEUT acid neutralization tank pricing.**

| MIFAB MODEL # | Approximate Amount of Limestone Chips (Lbs.) |
|---|---|
| MI-NEUT-2 | 20 Lbs. |
| MI-NEUT-5 | 50 Lbs. |
| MI-NEUT-15 | 100 Lbs. |
| MI-NEUT-30 | 200 Lbs. |
| MI-NEUT-55 | 500 Lbs. |
| MI-NEUT-100 | 1,000 Lbs. |
| MI-NEUT-150 | 1,750 Lbs. |
| MI-NEUT-175 | 2,100 Lbs. |
| MI-NEUT-200 | 2,500 Lbs. |
| MI-NEUT-275 | 3,200 Lbs. |
| MI-NEUT-300 | 3,600 Lbs. |
| MI-NEUT-350 | 4,000 Lbs. |
| MI-NEUT-500 | 5,000 Lbs. |
| MI-NEUT-550 | 5,500 Lbs. |
| MI-NEUT-650 | 6,500 Lbs. |
| MI-NEUT-700 | 7,000 Lbs. |
| MI-NEUT-800 | 8,000 Lbs. |
| MI-NEUT-1000 | 10,000 Lbs. |
| MI-NEUT-1200 | 12,000 Lbs. |
| MI-NEUT-1500 | 15,000 Lbs. |
| MI-NEUT-2000 | 20,000 Lbs. |
| MI-NEUT-3000 | 30,000 Lbs. |

**$150.00 is the List Price for a 50 lb. bag of limestone chips. Model Number is MI-LSC.**

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# MI-NEUT pH MONITOR

> "The Beeco Backflow Preventers are very easy to service and the repair parts are very reasonably priced."
>
> – Frank Paulette, Correct Mechanical, Philadelphia PA

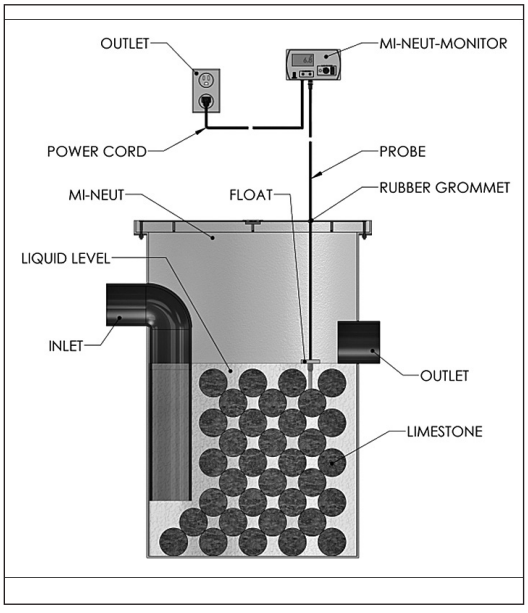
MIFAB's MI-NEUT-MONITOR is designed to continuously monitor pH values directly in your reservoir. Each unit features a user selectable set-point. An LED visual alarm is activated and flashes when the pH level rises either above or below (user selected) that set-point.

All of these instruments run on a 12V adapter so there's no need to worry about failed batteries and each unit comes with mounting kit, probe, probe holder and starter calibration solution.

**SPECIFICATIONS:**

| | | |
|---|---|---|
| **RANGE** | : | 0.0 to 14.0 pH |
| **RESOLUTION** | : | 0.1 pH |
| **ACCURACY (@25°C)** | : | ±0.2 pH |
| **SETPOINT** | : | 5.5 to 9.5 pH |
| **ALARM** | : | Active when measure is higher/lower than selected set point |
| **ENVIRONMENT** | : | 0 to 50°C, 95% RH not condensing |
| **POWER SUPPLY** | : | 12 VDC (included) |
| **DIMENSIONS** | : | 5.85" x 3.25" x 1.25" |
| **PROBE** | : | Equipped with a 3 meter long cable |

**List Price of MI-NEUT-MONITOR**
**$1,600.00**




| | OPTIONS | |
|---|---|---|
| | NEMA NEMA RATED ENCLOSURE FOR MONITOR - LIST PRICE | **$1,000.00** |
| | PROBE REPLACEMENT PROBE - LIST PRICE | **$750.00** |
| | CAL CALIBRATION SOLUTION - LIST PRICE | **$200.00** |

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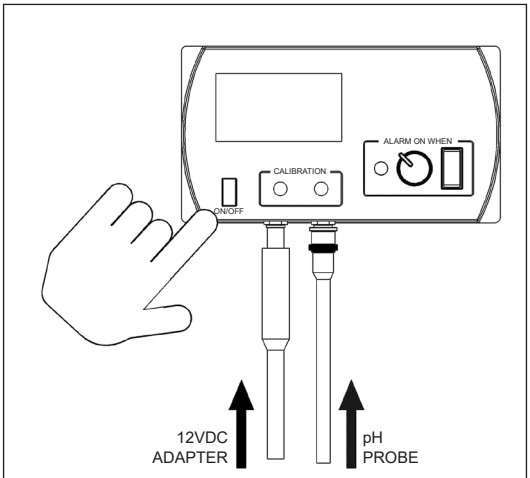
# MI-NEUT pH MONITOR

**OPERATION:**

- Connect the supplied 12VDC power adapter to the meter and to the main line.
- Connect the pH-probe to the BNC socket on the bottom of the meter.
- Always remove the probe protective cap before taking any measurement. If the probe has been left dry, soak the tip (bottom 2.5 cm) in rinse solution for a few minutes to reactivate it
- Make sure that the meter has been calibrated before taking any measurements (see Calibration Procedure).
- Immerse the tip (2.5 cm) of the pH-electrode into the sample.
- Turn the instrument on by pressing the ON/OFF key.
- Allow the reading to stabilize and the meter will start continuous monitoring.
- A blinking alarm will indicate when the measured pH value is higher or lower than selected set point, depending on user selection.



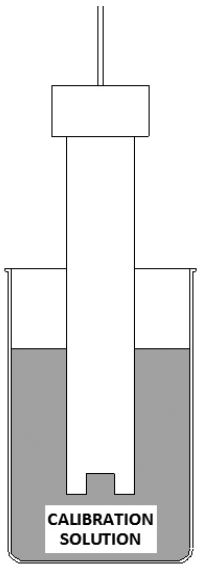

**SET POINT:**

The set point can be selected by adjusting the central front knob to the desired value.

- The selectable range is from 5.5 to 9.5 pH.
- The nature of the set point can be selected by setting the switch to the desired position (ABOVE or BELOW).

**CALIBRATION PROCEDURE:**

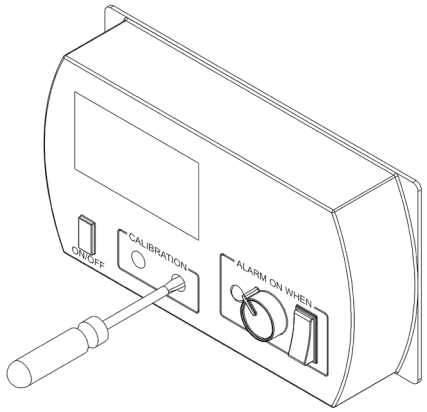
- Remove the protective cap from the probe.
- Immerse the electrode tip into a new sachet of pH 7 calibration solution and allow the reading to stabilize.
- Adjust the pH7 calibration trimmer (on the front) to display “7.0 pH”.
- Open a new sachet of pH 4 calibration solution and use a small quantity to rinse the electrode.
- Immerse the electrode tip into the pH 4 sachet and allow the reading to stabilize.
- Adjust the pH4/10 calibration trimmer (on the front) to display “4.0 pH”.
- The calibration is now complete and the meter is ready to take measurements.
- It is suggested to recalibrate the meter at least once a month, after a prolonged stocking time and after pH-electrode replacement.




## CROSS REFERENCE

### ACID NEUTRALIZATION TANKS

| Striem | MIFAB |
|---|---|
| LB-2 | MI-NEUT-2 |
| LB-5 | MI-NEUT-5 |
| LB-15 | MI-NEUT-15 |
| LB-25 | MI-NEUT-30 |
| LB-35 | MI-NEUT-30 |
| LB-50 | MI-NEUT-55 |
| LB-125 | MI-NEUT-150 |
| LB-275 | MI-NEUT-275 |
| NT-30-A | MI-NEUT-30 |
| NT-30-B | MI-NEUT-30 |
| NT-55-A | MI-NEUT-55 |
| NT-55-B | MI-NEUT-55 |
| NT-100-A | MI-NEUT-100 |
| NT-100-B | MI-NEUT-100 |
| NT-150-A | MI-NEUT-150 |
| NT-150-B | MI-NEUT-150 |
| NT-200-A | MI-NEUT-200 |
| NT-200-B | MI-NEUT-200 |
| NT-275-A | MI-NEUT-275 |
| NT-275-B | MI-NEUT-275 |
| NT-350-B | MI-NEUT-350 |
| NT-500-B | MI-NEUT-500 |
| NT-750 | MI-NEUT-800 |
| NT-1000 | MI-NEUT-1000 |
| NT-1500 | MI-NEUT-1500 |




CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

# SCHIER / STRIEM - MIFAB CROSS REFERENCE

## GREASE INTERCEPTORS

| Schier | MIFAB |
|---|---|
| GB-1 | Lil-25 |
| GB-2 | Lil-35 |
| GB-3 | Lil-50 |
| GB-15 | Lil-15 |
| GB-20 | Lil-20 |
| GB-25 | Lil-25 |
| GB-35 | Lil-35 |
| GB-50 | Lil-25-LP |
| GB-75 | BIG-750 |
| GB-250 | BIG-1150 |
| GB-750 | SUPER-750 |
| GGI-750 | SUPER-750 |
| GB-1000 | SUPER-1000 |
| GGI-1000 | SUPER-1000 |
| GB-1500 | SUPER-1500 |

## EXTENSIONS (RISERS)

| Schier | MIFAB |
|---|---|
| SR-16 | use 18" diameter ADS pipe |
| SR-24 | use 18" diameter ADS pipe |
| LR-24 | use 18" diameter ADS pipe |

## HIGH WATER ANCHOR KIT

| Schier | MIFAB |
|---|---|
| AK-1 | -AK-SET |

## SAMPLING PORTS

| Schier | MIFAB |
|---|---|
| SV4-L4 | Lil-SP |
| SV4-04 | Lil-SP-OF |
| SV24-L4 | BIG-SP |
| SV24-04 | BIG-SP-OF |

## OIL INTERCEPTORS

| Schier | MIFAB |
|---|---|
| OS-15 | Lil-15-O |
| OS-25 | Lil-25-O |
| OS-35 | Lil-35-O |
| OS-35-CS1 | Lil-35-O |
| OS-50 | Lil-50-O |
| OS-50-CS1 | Lil-50-O |
| OS-75 | BIG-750-O |
| OS-75-CS2 | BIG-750-O |
| OS-100 | BIG-1150-O |
| OS-100-CS3 | BIG-1150-O |
| OS-100-CS6 | BIG-1150-O |
| OS-750 | SUPER-750-O |
| OS-750-CS3 | SUPER-750-O |
| OS-750-CS6 | SUPER-750-O |
| OS-1000 | SUPER-1000-O |
| OS-1000-CS3 | SUPER-1000-O |
| OS-1000-CS6 | SUPER-1000-O |
| OS-1500 | SUPER-1500-O |
| OS-1500-CS3 | SUPER-1500-O |
| OS-1500-CS6 | SUPER-1500-O |

## OIL INTERCEPTORS - COLLECTION TANKS

| Schier | MIFAB |
|---|---|
| OCT-15 | Lil-15-O-HT |
| OCT-25 | Lil-25-O-HT |
| OCT-35 | Lil-35-O-HT |
| OCT-50 | Lil-50-O-HT |
| OCT-125 | BIG-750-O-HT |
| OCT-275 | BIG-1150-O-HT |

## SOLIDS INTERCEPTORS

| Schier | MIFAB |
|---|---|
| AA-S | Lil-15-S |
| AA-M | Lil-50-S |
| AA-L | BIG-140-S |
| AA-XL | BIG-300-S |
| HLB-1176-1 | Lil-7-S |
| HLB-1176-2 | Lil-7-S |
| HLT-1176-1 | Lil-7-S |
| HLT-1176-2 | Lil-7-S |
| USI-1180-1 | Lil-7-S |
| USI-1180-2 | Lil-7-S |
| USI-1184-1 | Lil-7-S |
| USI-1184-2 | Lil-7-S |
| PS-15-B | Lil-15-S |
| PS-15-S | Lil-15-S |
| PS-25-B | Lil-25-S |
| PS-25-S | Lil-25-S |
| PS-35-B | Lil-35-S |
| PS-35-S | Lil-35-S |
| PS-50-B | Lil-50-S |
| PS-50-S | Lil-50-S |
| PS-125-B | BIG-140-S |
| PS-125-S | BIG-140-S |
| PS-275-B | BIG-300-S |
| PS-275-S | BIG-300-S |

## OIL / SEDIMENT INTERCEPTORS (CATCH BASINS)

| Striem | MIFAB |
|---|---|
| CB-50-G | Lil-50-OS |
| CB-50-S | Lil-50-OS |
| CB-125-G | BIG-140-OS |
| CB-125-S | BIG-140-OS |
| CB-275-S | BIG-300-OS |

## ACID NEUTRALIZATION TANKS

| Striem | MIFAB |
|---|---|
| LB-2 | MI-NEUT-2 |
| LB-5 | MI-NEUT-5 |
| LB-15 | MI-NEUT-15 |
| LB-25 | MI-NEUT-30 |
| LB-35 | MI-NEUT-30 |
| LB-50 | MI-NEUT-55 |
| LB-125 | MI-NEUT-150 |
| LB-275 | MI-NEUT-275 |

## ACID NEUTRALIZATION TANKS

| Striem | MIFAB |
|---|---|
| NT-30-A | MI-NEUT-30 |
| NT-30-B | MI-NEUT-30 |
| NT-55-A | MI-NEUT-55 |
| NT-55-B | MI-NEUT-55 |
| NT-100-A | MI-NEUT-100 |
| NT-100-B | MI-NEUT-100 |
| NT-150-A | MI-NEUT-150 |
| NT-150-B | MI-NEUT-150 |
| NT-200-A | MI-NEUT-200 |
| NT-200-B | MI-NEUT-200 |
| NT-275 | MI-NEUT-275 |
| NT-300-A | MI-NEUT-300 |
| NT-300-B | MI-NEUT-300 |
| NT-350 | MI-NEUT-350 |
| NT-500-B | MI-NEUT-500 |
| NT-750 | MI-NEUT-800 |
| NT-1000 | MI-NEUT-1000 |
| NT-1500 | MI-NEUT-1500 |

## ACID NEUTRALIZATION TANKS - MONITORING PRODUCTS

| Striem | MIFAB |
|---|---|
| AVA-3 | MI-NEUT-MONITOR |
| AVA-4 | MI-NEUT-MONITOR |
| CC-1 | MI-NEUT-MONITOR |
| SPK-A | MI-NEUT-MONITOR |
| SPK-B | MI-NEUT-MONITOR |

## DECONTAMINATION TANKS

| Striem | MIFAB |
|---|---|
| BB-275 | BIG-1150-DECON |
| BB-500 | SUPER-500-DECON |
| BB-750 | SUPER-750-DECON |
| BB-1000 | SUPER-1000-DECON |
| BB-1500 | SUPER-1500-DECON |

*"The convenience of a local stocking warehouse is a great incentive to sell MIFAB. Banded couplings are becoming more of a trend in Philadelphia projects, and it is beneficial that we can replenish our inventory and ship jobs complete."*

– Tim Galbally, Pennypack Plumbing Supply

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



Design and dimensions are subject to modification. Prices do not include applicable taxes. Visit www.mifab.com for the most recent product information.

**MIFAB®**, Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA
All sales subject to MIFAB's® Terms and Warranties. Please refer to inside front cover.
**USA Toll Free: 1-800-465-2736 • Fax: 1-773-341-3049**
**Canada Toll Free: 1-800-387-3880 • sales@mifab.com**

# LIMITED LIFETIME WARRANTY

**These products come with a Limited Lifetime warranty, valid only when this warranty card is completed and returned to MIFAB®.**

**MIFAB® Inc.** (MIFAB®) represents and warrants that our range of H.D.P.E. Lil Max®, Big Max® and SuperMax® grease, oil, solids, plaster, lint, sand, fish scale and rice interceptors (Products) will be free from any defects in material and workmanship, including corrosion, during the lifetime of the plumbing system in which the Products were originally installed and will, at its option, agree to replace, repair, or provide credit to the purchaser.

This warranty does not cover damage caused by the Products' normal usage, or wear and tear; nor does it cover damage from naturally occurring events, including, but not limited to UV, freeze related damage or natural disasters. The cost of regular maintenance (including the repair of parts) is not covered by this warranty. This warranty does not cover fabricated steel products or any monitoring equipment that may be used with MIFAB®'s H.D.P.E. interceptors. This warranty is only effective if the Products were:

- Installed per MIFAB®'s installation instructions and operated per MIFAB®'s operation and maintenance instructions;
- Installed in accordance with the applicable plumbing and building codes and passed all applicable testing methods immediately after installation;
- Not subjected to abuse or misuse, whether negligent or intentional;
- Not modified, altered or repaired by anyone not authorized by MIFAB®;
- Sold through a MIFAB® qualified wholesaler.

This warranty is the purchaser's sole and exclusive remedy, and acceptance of this exclusive remedy is a condition of the contract for the purchase of these Products.

> "It is nice having a manufacturer like MIFAB that has a broad range of products so that we don't have to go to several sources. They are a one stop shop."
>
> – Joe Ficek of Grumman Butkus, Consulting Engineers, Chicago, IL

Under no circumstances, shall MIFAB® be responsible for any incidental, special, consequential or punitive damages, or for any costs, attorney fees, expenses, losses or delays claimed to be as a consequence of any damage to, failure of, or defect in any of these Products including, but not limited to, any claims for loss of profits, transportation, removal and installation charges. This warranty is exclusive and in lieu of all other warranties or conditions, written or oral, expressed or implied.

## Limited Lifetime Warranty Registration

**INSTALLATION LOCATION:**

Name: _____ Address: _____

_____ Tel# _____ Email: _____

**CONTRACTOR / INSTALLER:**

Name: _____ Company: _____

Address: _____

Tel# _____ Email: _____ Installer signature: _____

**PURCHASED FROM:**

Name: _____ Company: _____

Address: _____

Tel# _____ Email: _____

| | | |
|---|---|---|
| **SIZE AND MODEL OF MIFAB INTERCEPTOR INSTALLED** _____ | | |
| **TYPE OF FLOW CONTROL:** | ☐ Internal Flow Control | ☐ External Flow Control |
| **TYPE OF INSTALLATION:** | ☐ New | ☐ Replacement |
| **WHERE WAS IT INSTALLED:** | ☐ On the floor | ☐ In Floor–Inside Building |
| | ☐ Floor below (basement) | ☐ In Ground – Outside Building |

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

# TERMS AND CONDITIONS

**WHOLESALE DISCOUNT:**

**Contact MIFAB® or your local representative for your applicable discount structure.**

**FREIGHT ALLOWANCE:** For Lil Max® and Big Max® products only: Ex Works, MIFAB®'s Indiana Factory or Manufacturer Representative's warehouse with full motor freight allowed on shipments of 8 or more Lil Max® interceptors and / or 6 or more Big Max® interceptors, within the continental U.S.A., except Alaska, Hawaii and Puerto Rico. MIFAB® reserves the right to choose the carrier and route of shipment. Alaska: Ex Works, Seattle, WA. Hawaii: Ex Works, Los Angeles, CA. Puerto Rico: Ex Works, Miami, Florida. There is no allowance for United Parcel Service, Federal Express or Shipment by air service. Shipping dates are estimates and time of delivery is not the essence of the sale of the contract. Therefore, under no circumstances will MIFAB® have any responsibility on account of any delays in manufacture, transportation, or otherwise. Additional freight services such as construction site delivery, lift gate delivery service, re-consigned freight or notification charges, are not included in full freight allowance terms, and will result in additional freight charges. For SuperMax® interceptors, there is no freight allowance. All SuperMax® interceptors are ex-works MIFAB®'s factory in Portland, Oregon.

**QUOTATION TERMS:** List Price and discount protected for 30 days from date issued by MIFAB®. Orders received within this period must be released for shipment within 30 days from date of purchase order, otherwise, prices will be those that are in effect at the time of shipment.

**PAYMENT TERMS:** Terms of payment are Net 30 days from the date of the invoice. All pricing in United States currency except for sales to customers in Canada which will be invoiced in CAD. The Buyer shall pay all sales, consumers, and / or any other applicable taxes. Past due accounts will be subject to a 2% per month service charge from the date of the invoice. If any proceedings be instructed by or against Buyer under any bankruptcy or insolvency law, or if Buyer shall fail to make timely payment on this or any other order, or if, in MIFAB®'s judgment, Buyer's financial situation justifies such action, MIFAB® may, at its election, require payment in advance or cancel the order as to any unshipped item and require payment of its reasonable cancellation charges. If Buyer delays completion of manufacture, MIFAB® may elect to require payment according to percentage of completion. Equipment held for Buyer shall be at Buyer's risk and expense. In all cases, regardless of partial payment, title to the Products shall remain with MIFAB® until payment for the Products (including any notes given therefore) has been made in full. Should legal action be necessary to enforce payment of an unpaid invoice, the Buyer will assume full responsibility for any court costs and reasonable attorney fees. All orders subject to credit check and approval prior to shipment. Confirmed irrevocable letter of credit or cash in advance of shipment is required for accounts without an established line of credit. Minimum invoice amount is $100.00. MIFAB® reserves the right to apply a minimum order charge to equal $100.00. MIFAB®'s Accounting Department must be notified of potential pricing errors within 30 days of the invoice date. Any terms and conditions stated on Buyer's orders which are inconsistent with MIFAB®'s quotation and Terms and Warranties shall be of no effect.

**RETURNED GOODS RESTOCKING CHARGE:** Standard product may be returned within a one year period only with written permission from MIFAB®. All products in catalog are not considered Standard. Standard product to be determined by MIFAB®. Returned goods are subject to a 25% restocking charge, plus cost of reconditioning, if necessary, to make material saleable. Material must be returned to MIFAB® freight prepaid only after written permission from MIFAB® to accept the returned material. Buyer must provide copy of the original invoice on which the material was charged. The original outgoing freight cost to ship the order will be deducted from the credit. Credit allowance will be in the form of merchandise credit only-not cash credit which must be used within 12 months of the date of issue. The value of a return must total $100.00 to qualify for credit allowance. Products designated non stock and / or that have been specially made (require a sign off drawing by MIFAB®) are not subject to return or cancellation.

**LIMITED WARRANTY:** See page 68 for MIFAB®'s Limited Lifetime Warranty.

**MIFAB® MAKES NO OTHER WARRANTIES EXPRESSED OR IMPLIED AS PROVIDED IN THIS LIMITED WARRANTY.**

**ILLUSTRATIONS OR TYPICAL INSTALLATIONS:** The typical installations for various products in each product section are intended to illustrate the products and their options. Under no circumstances are they to be construed as recommended installation procedures. Consult local codes and project specifications for proper installation instructions.

**NOTE:** Prices and terms are subject to change without notice and supersede all previous quotations. The right is reserved to change or modify product design or construction without prior notice and without incurring any obligation to make similar changes and modifications to product previouslyor subsequently sold. Contact MIFAB® for any clarification.

**All sales subject to MIFAB®'s Terms and Warranties.**

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**MIFAB®**, Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA

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**Canada Toll Free: 1-800-387-3880 • sales@mifab.com**

All sales subject to MIFAB's® Terms and Warranties. Please refer to inside front cover.

# MIFAB® BINDER AND PRICE BOOKS

COMPLETE MIFAB BINDER
(with all product booklets inside)
Lit # 001B

**MPB-2019-USA**
Lit # 067

**NH-2017**
Lit # 044

**CLPB-2019**
Lit # 048

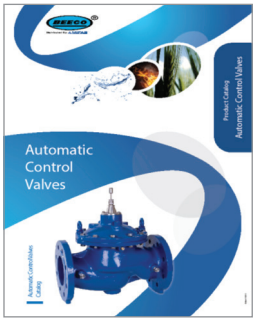
**BEECO-2019**
Lit # 071

**AD-2017-USA**
Lit # 043

**TSP-2017**
Lit # 062

**TD-2017**
Lit # 046

**TDSS-2016**
Lit # 072




**ACV**
Lit # 059

**DB-2018**
Lit # 070

**CPORT-2019**
Lit # 047

**INT-2019**
Lit # 095

**HYDROMAX-2019**
Lit # 082

**FILCOTEN-2017**
Lit # 076

**ROOFGUARD-2018**
Lit # 058

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# MIFAB®

www.mifab.com

CERTIFIED MANAGEMENT SYSTEM - ISO 9001:2015

*"The cut-to-fit riser system on MIFAB's HDPE interceptors makes my customers installations quick, easy, and cost-effective"*

– Bryan Steede, Engineering Specialist, Carolina Sales Associates, Charlotte, NC

## INT-2019

**MINI MAX®** Wet Waste Interceptor

**At Source Solution**

**Lil Max®**

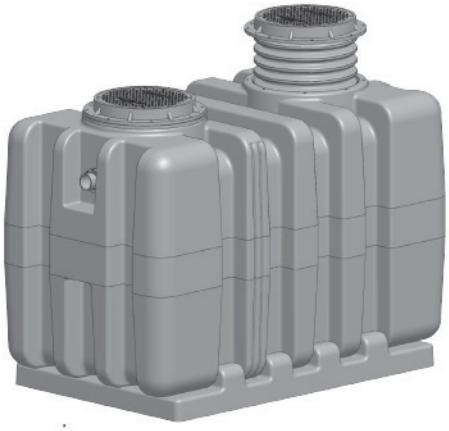
**From 7 to 50 GPM**

**BIG MAX®**

**75 GPM & 100 GPM**

**SUPER MAX®**

**500, 750, 1000,**
**1250, 1300, 2,000**
**(Liquid holding capacity - gallons)**



- GREASE
- OIL
- SOLIDS
- PLASTER
- LINT
- FISH SCALE
- RICE
- SAND
- ACID NEUTRALIZATION TANKS

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Made in the U.S.A.

# H.D.P.E. Interceptors and Acid Neutralization Tanks

## LIT-095

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