

The background of the page is a collage of various MIFAB drain covers. In the top left, a square cover with a grid of vertical and horizontal slots is shown. To its right is a circular cover with a radial pattern of curved slots. In the bottom left, a stack of circular covers with a radial pattern is visible. In the bottom right, a square cover with a grid of vertical and horizontal slots is shown. The word "MIFAB" is embossed on several of the covers.

THE MIFAB LOOK BOOK



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SPECIFICATION
DRAINAGE
PRODUCTS
(LIT-067)



CLPB-2022
LIGHT COMMERCIAL
DRAINAGE PRODUCTS
(LIT-048)



AD-2022-USA
ACCESS DOORS
(LIT-043)



BEECO-2022
BACKFLOW PREVENTERS
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NH-2022-06
NO HUB COUPLINGS
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TDPC-2023
POLYMER CONCRETE
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TD-2023
GRP & STEEL
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(LIT-046)



TDSD-2023
SHOWER DRAINS
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TDSS-2023
STAINLESS STEEL
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ROOFGUARD-2020
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DOMES
(LIT-058)



C-PORT-2023
ROOFTOP RUBBER
PIPE SUPPORTS
(LIT-047)



DB-2022
DIALYSIS BOXES
(LIT-070)



HYDROMAX-2020
SIPHONIC DRAINAGE
(LIT-062)



INT-2023
INTERCEPTORS & ACID
NEUTRALIZATION TANKS
(LIT-095)



TSP-2022-08
TRAP SEAL
PRIMERS
(LIT-062)



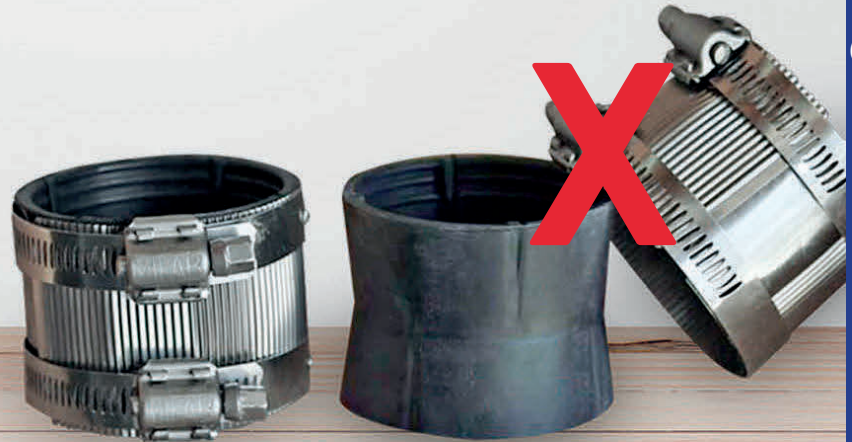
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Quick Hub

No Hub Couplings

No need to peel off gasket!
Simply place on pipe

Regular Duty - MI-QHUB
Heavy Duty - MI-QXHUB



One and Done

Fastest installation on the market - fits easily and effortlessly onto pipe and fittings. No need to roll gasket, remove shield or waste time fumbling with a loose shield.

With Quick Hub, no need to remove gasket first and roll it over the pipe. The patented hourglass shape design ensures the gasket remains within the shield during shipping and handling and allows the Quick Hub to be easily pushed onto the pipe.

Three Sealing Rings

Three sealing rings on Quick Hub gaskets outperform others with only two sealing rings.



Features

Faster Installation:

Install twice as many couplings in the same amount of time.

Complete jobs quicker to make deadlines.

Neoprene Material

Tested and certified to ASTM C1277, C1540, C1460, CISPI 310, IAPMO and NSF listed.

Fast Assembly:

Assembles over cast iron fitting with ease.

Quick Install

No need to peel back gasket and shield.

Torque Requirements

Same 60-80 lb. torque requirements as regular couplings.

Field Tested

Tested on high-rise commercial buildings. Tested to perform on min/max pipe diameters.

Three Patents:

US Patent : #10,100,956
US Patent: #10,253,885
Us Patent: #10,557,578

The MI-QHUB and MI-QXHUB no hub couplings are also tested and certified to the ASTM C1460 Standard so that they can be installed onto PVC pipe (up to and including 8") on one end and cast iron pipe on the other end.

Location: _____



POG-TP

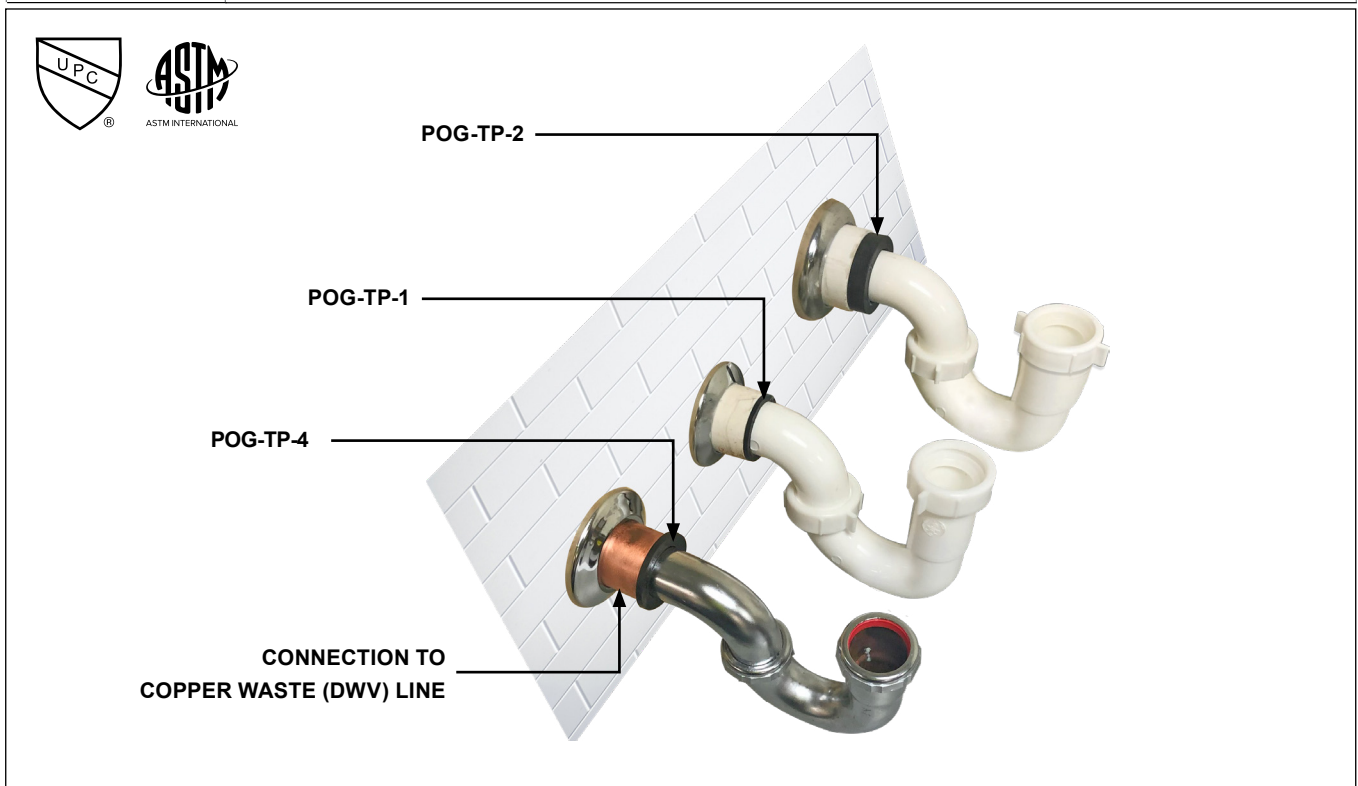
P-TRAP GASKETS

Specification: MIFAB® MI-POG-TP Series of neoprene rubber gaskets to connect p-traps to the waste (DWV) line.. Tested and certified to the ASTM Standard C564-2020.

Function: Neoprene rubber gaskets are used to connect different sizes and material types of p-traps to the DWV waste line adjacent to the sink. Large labor savings are attained by not having to make a mechanical connection to the waste line.

			
POG-TP-1 1 1/2" PVC Waste (DWV) Line to 1 1/2" Tubular	POG-TP-2 2" Copper Waste (DWV) Line to 1 1/2" Tubular. Also works with 2" PVC Waste (DWV) Line to 1 1/2" Tubular	POG-TP-3 1 1/2" PVC Waste (DWV) Line to 1 1/4" Tubular	POG-TP-4 1 1/2" Copper Waste (DWV) to 1 1/4" Tubular

MODEL NUMBER	DESCRIPTION
POG-TP-1	Connects 1 1/2" PVC Waste Line (DWV) to 1 1/2" Tubular P-Trap.
POG-TP-2	Connects 2" Copper Waste Line (DWV) to 1 1/2" Tubular P-Trap; also connects with 2" PVC Waste Line to 1 1/2" Tubular P-Trap.
POG-TP-3	Connects 1 1/2" PVC Waste Line (DWV) to 1 1/4" Tubular P-Trap.
POG-TP-4	Connects 1 1/2" Copper Waste Line (DWV) to 1 1/4" Tubular P-Trap.







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

Job Name: _____	Page No: _____
Section No: _____	Contractor: _____
Schedule No: _____	Purchase Order No: _____

PICTORIAL INDEX





MIFAB's various coupling products are organized into five different categories. Please contact your local MIFAB representative for the discount structure for each category.

REGULAR DUTY SHIELDED NO HUB COUPLINGS - MI-HUB SERIES	REGULAR DUTY QUICK HUB	HEAVY DUTY SHIELDED NO HUB COUPLINGS - MI-XHUB SERIES	HEAVY DUTY QUICK HUB
 <p>MI-HUB (Page 4) Discount Structure</p>	 <p>MI-QHUB (Page 6) X = Do not remove the gasket from the shield</p>	 <p>MI-XHUB (Page 5) Discount Structure</p>	 <p>MI-QXHUB (Page 7) X = Do not remove the gasket from the shield</p>

FLEXIBLE COUPLINGS

 MI-FLEX (Page 11)	 MI-FLEX-CC (Page 12)	 MI-FLEX-CL (Page 12)	 MI-FLEX-CON (Page 13)	 MI-FLEX-SO (Page 13)	 MI-FLEX-DISH (Page 19)	 MI-FLEX-DTC (Page 19)	 MI-FLEX-CLAY (Page 14)	Discount Structure	
 MI-FLEX-AH (Page 14)	 MI-FLEX-SOS (Page 14)	 MI-EC (Page 20)	 C1440-NH (Page 20)	 MI-ELB (Page 21)	 MI-TEE (Page 21)	 MI-EC-HB (Page 22)	 MI-JS (Page 23)		 MI-SCON (Page 23)

TRANSITION COUPLINGS

 POG-SW (Page 8)	 MI-HUB-ARC (Page 9)	 MI-HUB-ARC-CL (Page 9)	 MI-HUB-ARC-DI (Page 10)	 MI-TORQUE (Page 10)	 MI-FLEX-EXP (Page 15)	 MI-HUB-TRS (Page 15)	 MI-HUB-TRC (Page 16)	Discount Structure
 MI-HUB-TR (Page 16)	 MI-HUB-TRT (Page 17)	 MI-HUB-TRP (Page 17)	 MI-HUB-TRCC (Page 18)	 MI-HUB-TRTW (Page 18)	 MI-FT (Page 22)	 MI-SEW (Page 24)		

PIPE MATERIAL	OUTSIDE PIPE DIAMETERS											
	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"	5"	6"	8"	10"	12"
ABS / PVC Plastic (Sched. 40)	1.05" (27)	1.315" (33)	1.66" (42)	1.90" (48)	2.375" (60)	3.50" (89)	4.50" (114)	5.56" (141)	6.62" (168)	8.62" (219)	10.75" (273)	12.75" (324)
Asbestos Cement (Class 1500 - Transite)	-	-	-	-	-	-	4.81" (122)	5.90" (150)	6.92" (176)	9.02" (229)	11.12" (282)	13.22" (336)
Cast Iron	-	-	-	1.90" (48)	2.35" (60)	3.35" (85)	4.38" (111)	5.30" (135)	6.30" (160)	8.38" (213)	10.56" (268)	12.50" (318)
Clay	-	-	-	-	-	-	5.37" (136)	6.65" (169)	7.68" (195)	9.90" (251)	12.43" (316)	14.46" (367)
Concrete	-	-	-	-	-	-	6.00" (152)	6.50" (165)	8.00" (203)	10.25" (260)	12.75" (324)	15.10" (384)
Copper	.875" (22)	1.125" (29)	1.375" (35)	1.625" (41)	2.125" (54)	3.125" (79)	4.125" (105)	5.125" (130)	6.125" (156)	8.125" (206)	10.125" (257)	-
Ductile Iron	-	-	-	-	-	-	4.80" (122)	-	6.90" (175)	9.05" (230)	11.10" (282)	13.20" (335)
Duriron®	-	-	-	2.19" (56)	2.63" (67)	3.75" (95)	4.75" (121)	-	6.69" (170)	-	-	-
Extra Heavy Cast Iron	-	-	-	-	2.38" (60)	3.50" (89)	4.50" (114)	5.50" (140)	6.50" (165)	8.62" (219)	10.75" (273)	12.75" (324)
Stainless Steel	.75" (19)	1.00" (25)	1.25" (32)	1.50" (38)	2.00" (51)	3" (76)	4" (102)	5" (127)	6" (152)	8" (203)	10" (254)	-
Steel	1.05" (27)	1.315" (33)	1.66" (42)	1.90" (48)	2.375" (60)	3.50" (89)	4.50" (114)	5.56" (141)	6.62" (168)	8.62" (219)	10.75" (273)	12.75" (324)
Thinwall Plastic PVC (SDR 35)	-	-	-	-	3.25" (83)	4.215" (107)	-	6.27" (159)	8.40" (213)	10.50" (267)	-	12.50" (318)

"I've been installing hub cast iron for over 25 years and this new MIFAB Quick Hub no hub band is the biggest improvement I have used. It's a labor saver and a must have for any project large or small!!!"

- Forest Powell, General Foreman, Collins Plumbing, San Diego, CA

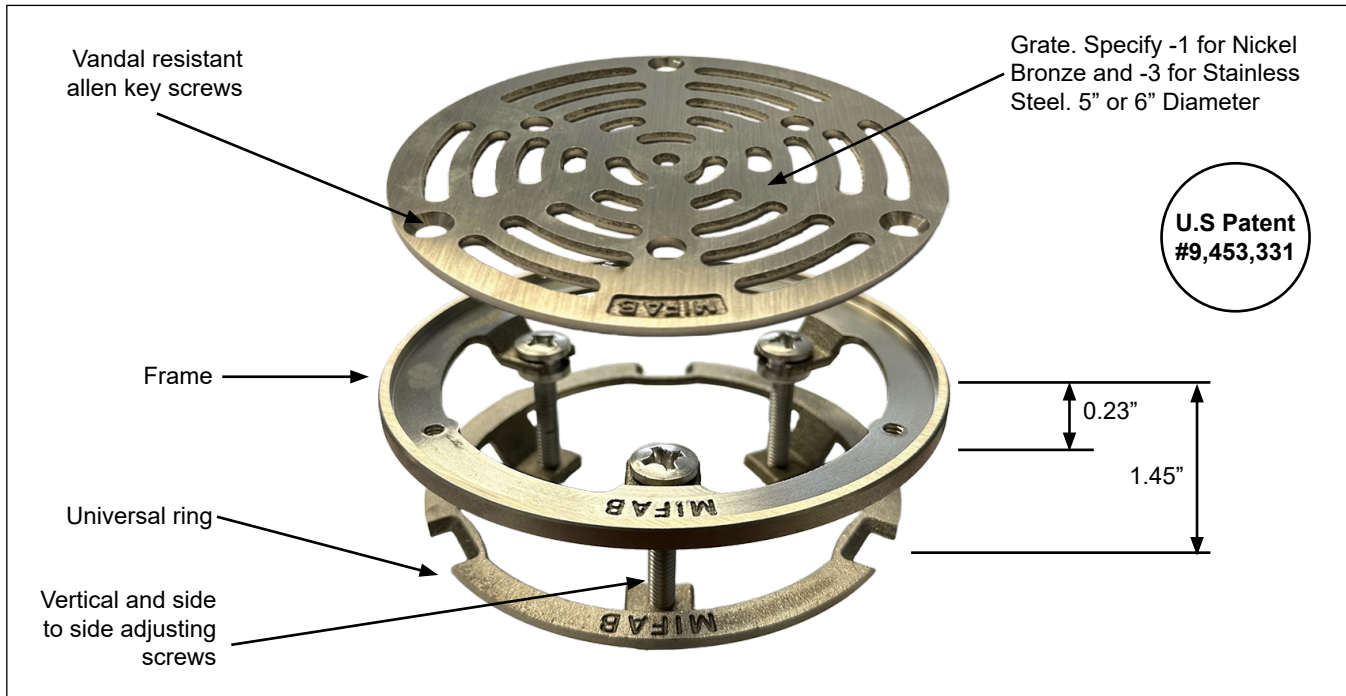


RTS

**TOP SET® RETROFIT GRATE & FRAME
UNIVERSAL REPLACEMENT ASSEMBLY**

Specification: MIFAB® RTS(*)(**) (*specify grate diameter, ** specify grate material) Top Set® retrofit grate and frame with allen key vandal resistant stainless steel screws in grate and Phillips head screws within the universal bottom ring for vertical and side to side adjustment.

Function: Used in showers, kitchens, restrooms and any other floor areas. It is designed to replace the 5" or 6" diameter grate from any Zurn, Smith, Josam, Wade, Watts or MIFAB floor drain. Simply remove the existing JaSaWaZ grate, place the RTS bottom universal ring into the recessed area of the strainer and connect it with the existing JaSaWaZ strainer screws. The RTS grate and frame can then be adjusted vertically and side to side to meet the finished floor.



MODEL #	MATERIAL
RTS5-1	5" Diameter retrofit grate and frame - nickel bronze
RTS5-3	5" Diameter retrofit grate and frame - stainless steel

MODEL #	MATERIAL
RTS6-1	6" Diameter retrofit grate and frame - nickel bronze
RTS6-3	6" Diameter retrofit grate and frame - stainless steel

SUFFIX	DESCRIPTION
-6	Security screws (T-20 Torx & pin)

ADJUSTABILITY: Min = 0.23"; Max = 1.45"

Note: "Phillips" screw driver needed to adjust Top Set screws.

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

Adjustment **AFTER** the concrete pour

No need to waste time trying to find the finished floor strainer, it is already included in the Top Set® floor drain assembly.

You don't need to...

- ✗ No shims or washers required to elevate the top.
- ✗ Store the strainer before the concrete pour.
- ✗ Tape over the drain body before the concrete pour.
- ✗ Box out the drain location before the concrete pour.



Advantage of the Top Set Floor Drain®

- Bring the strainer top to grade without removing it.
- Strainer is “top-set” utilizing 3 Phillips screws in the top of the strainer offering 1 ¼” worth of travel.
- Comes standard with a concrete pour cap so you can install the strainer when you install the drain body.
- Eliminate punch list issues with unlevel or recessed tops
- Side to side strainer adjustment to level if the drain is knocked unlevel during the concrete pour.

Stainless Steel Strainer comes standard:

Our stainless steel strainer is the same price as nickel bronze strainer but also has these features:

1. Higher tensile strength
2. More chemical resistance
3. Aesthetically pleasing



F1100-C-TS

Also available in round and square models and clean-outs.



RTS5-1

Top Set Retrofit Frame and Grate

RTS5-1

MIFAB's RTS5-1 retro-fit ring and grate is designed to be placed into any JaSaWaZ 5" round floor drain strainer.

Simply remove the existing JaSaWaZ grate, place the RTS-UR-1 universal ring into the recessed area of the strainer and connect it with the screws provided. The RTS5-1 frame and grate can then be vertically adjusted and also adjusted side to side to meet the finished floor.

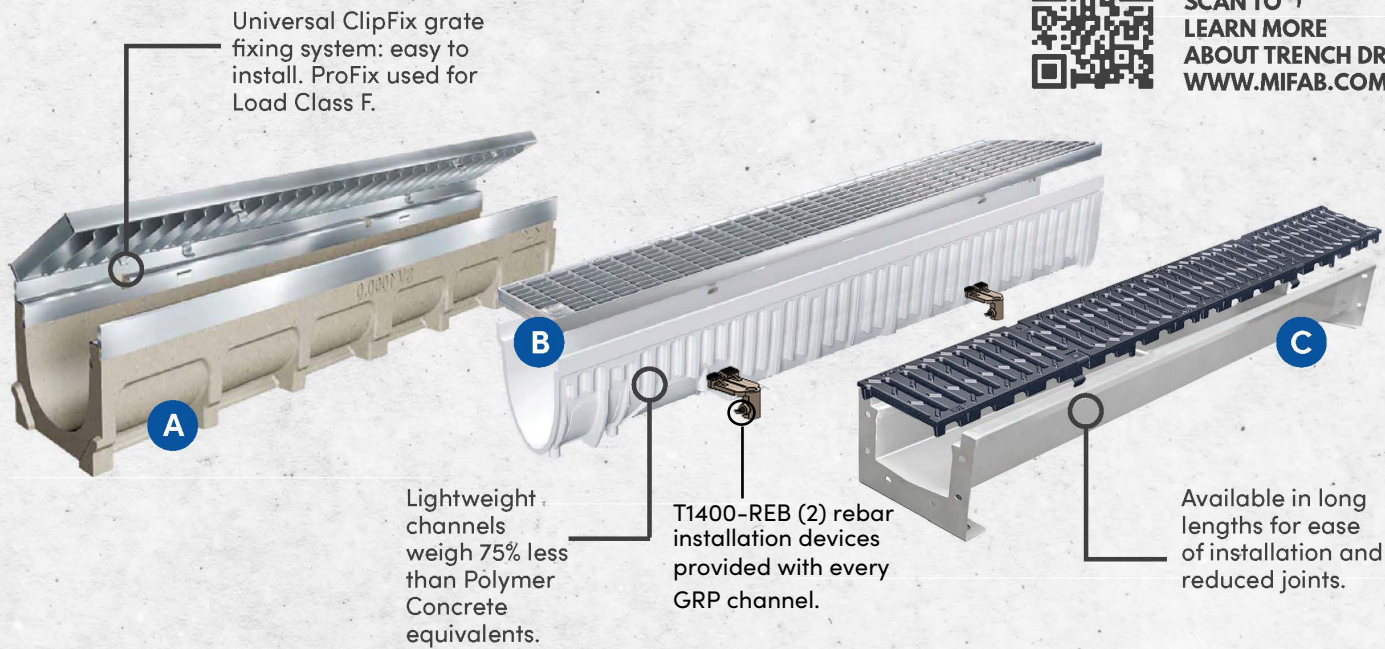
The Retro-fit frame and grate is available in 5" and 6" round and square, nickel bronze and stainless steel and also for 5" round clean-outs to replace any JaSaWaZ floor drain grates / clean-out covers:

- RTS5-1 Retro-fit kit for 5" round nickel bronze strainers
- RTS5-3 Retro-fit kit for 5" round stainless steel strainers
- RTS6-1 Retro-fit kit for 6" round nickel bronze strainers
- RTS6-3 Retro-fit kit for 6" round stainless steel strainers
- RTSS5-1 Retro-fit kit for 5" x 5" square nickel bronze strainers
- RTSS6-1 Retro-fit kit for 6" x 6" square nickel bronze strainers
- RTOS-1 Retro-fit kit for 5" round nickel bronze clean-outs
- RTOS-3 Retro-fit kit for 5" round stainless steel clean-outs

TRENCH DRAINS FEATURES AND BENEFITS



SCAN TO
LEARN MORE
ABOUT TRENCH DRAINS
WWW.MIFAB.COM



A **Polymer Concrete Channels**

Material:
High strength (15,000 psi) polymer concrete.

Rails:
Galvanized Steel, Stainless Steel or Ductile Iron Edge rails.

Load Rating:
Load Class A-F (200,000 lb. {900 Kn}).

Operating Temperature:
180° operating temperature range.
Shallow Depth channels available in 4" and 8".

B **Glass-Fiber Reinforced Polyester (GRP) Channels**

Material:
High strength and more stable than HDPE and polypropylene. Expands and contracts similar to the concrete encasement.

Rails:
Galvanized Steel or No Edge rails.

Load Rating:
Load Class A-E (135,000 lb. {600 Kn}).

Operating Temperature:
212° operating temperature range.
Shallow Depth channels available in 4" and 8".

C **Stainless Steel Channels**

Material:
16 gauge Type 304 Stainless Steel.

Load Rating:
Load Class A-E (135,000 lb. {600 Kn}).

Custom capabilities and discreet "Slot" style stainless steel drains available.

Pour board and two installation devices provided with every channel

MIFAB offer's a Trench Drain Run Layout Tool that configures trench runs in a breeze.

GRATE OFFERING:

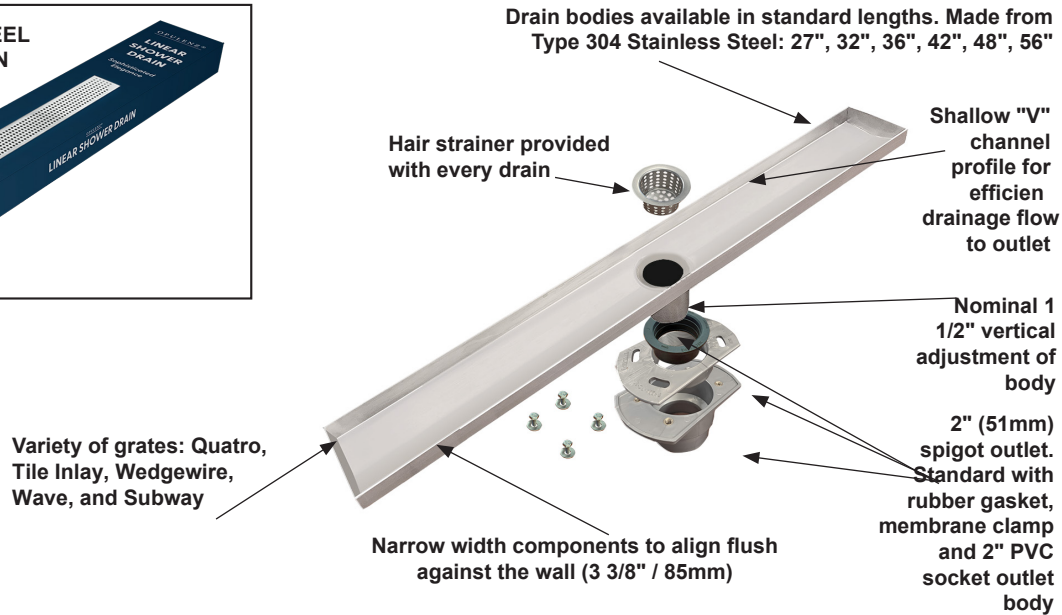
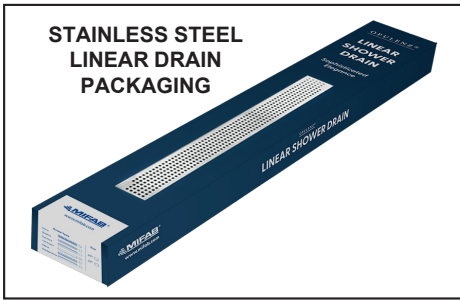
- ADA grates for handicapped accessible areas
- Heelproof grates for areas with high heels
- Ductile Iron slotted, longitudinal and decorative grates
- Perforated and mesh grates made of galvanized and stainless steel
- Slotted grates made of galvanized and stainless-steel
- Longitudinal galvanized and stainless steel grates

Polymer Concrete, GRP and Stainless Steel Channels have the following features:

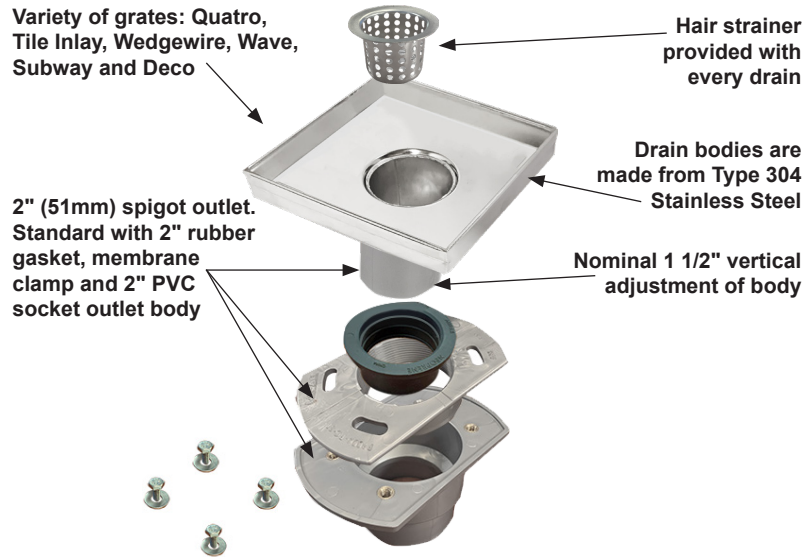
Installation Devices Sloping and non-sloping channels
Interchangeable Grates using "ClipFix" grate fixing system (Load Class A-E)

Linear Shower Drains and Point Drains - Stainless Steel and Plastic

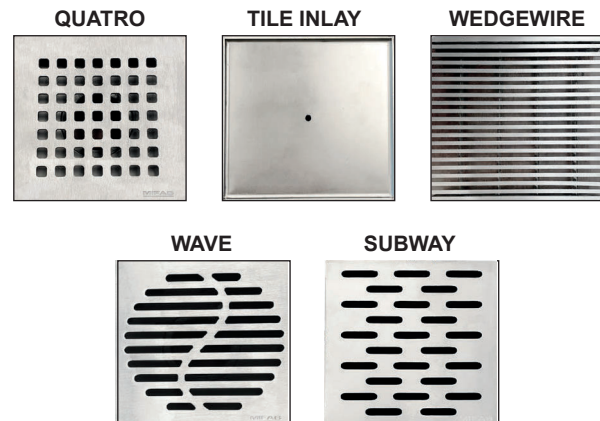
STAINLESS STEEL LINEAR DRAIN - FEATURES AND BENEFITS



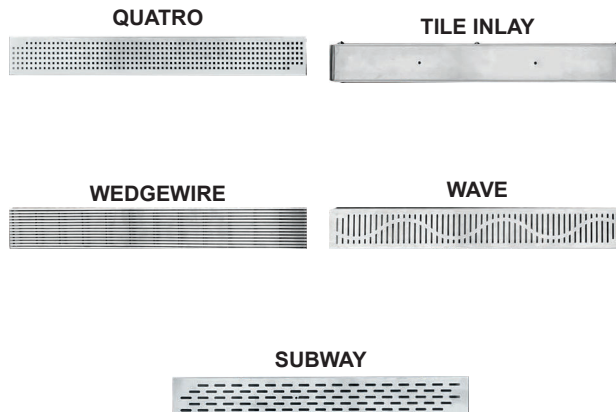
STAINLESS STEEL POINT DRAIN - FEATURES AND BENEFITS



POINT DRAIN GRATES



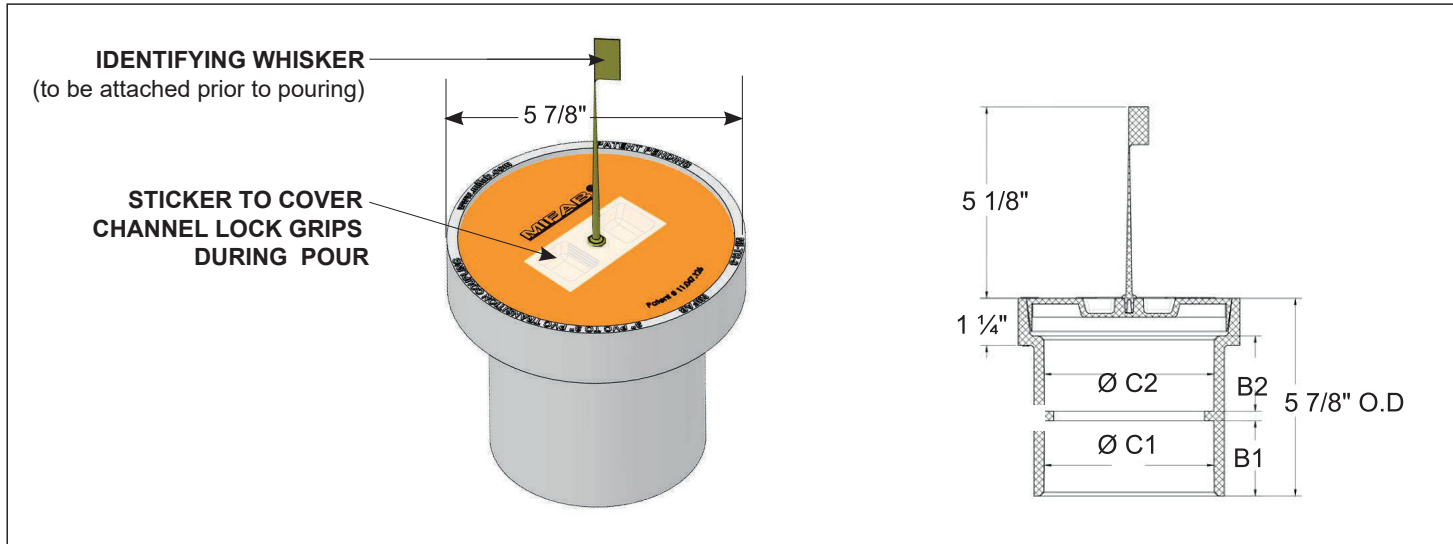
LINEAR SHOWER DRAIN GRATES



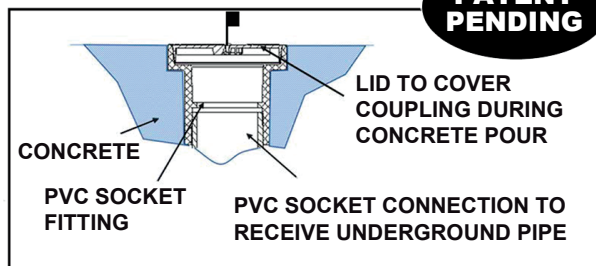
Transition fittings for underground to above ground PVC pipe

Tilt Up Construction

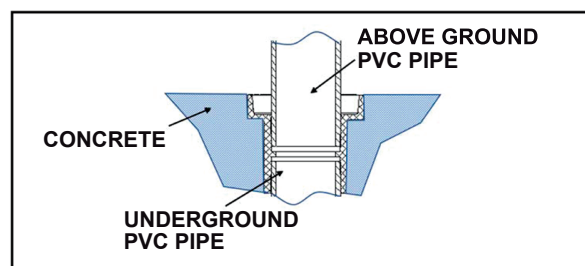
Ideal for below ground to above ground PVC pipe connections. The bottom of the MI-TR has either a 2", 3", or 4" PVC socket connection and the inside of the top of the MI-TR also has either a 2", 3", or 4" PVC socket connection. The MI-TR is placed over the PVC pipe. The included orange cover will seal the top. An identifying whisker sticking up from the top of the orange cap provides location identification after the concrete pour covers the orange cover. Channel lock grips in the top of the orange cover (protected by a sticker) provide a means for the contractor to use channel locks to remove the cover after the concrete poured over the cover is removed. Once the orange cover is removed, one can socket weld a PVC pipe through the top of the MI-TR to complete the under ground PVC pipe to above ground PVC pipe connection.



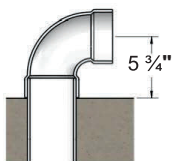
1. POUR CONCRETE



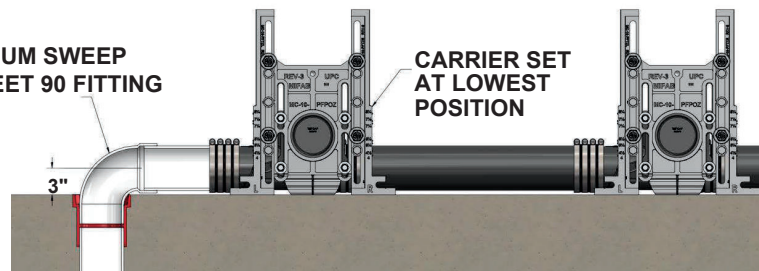
2. REMOVE AND ATTACH THE UPPER PIPE



WITHOUT MI-TR MINIMUM DIM IS...



MEDIUM SWEEP STREET 90 FITTING



The MI-TR can also be used to receive a medium sweep street 90 fitting from the horizontal waste line from an off the floor water closet carrier fitting. The MI-TR will be installed in the ground, flush to grade, over PVC drain pipe. This allows one or two more water closet carriers to be installed and still have enough vertical space to connect the horizontal carrier fitting waste line with a medium sweep street 90 fitting to the MI-TR transition coupling.

Available Models:

- MI-TR-2 2" PVC socket x 2" PVC socket
- MI-TR-3 3" PVC socket x 3" PVC socket
- MI-TR-4 4" PVC socket x 4" PVC socket

Drainage: Roofguard



Specification: MIFAB® RoofGuard Model RG2016DDC cast iron replacement roof dome with a 12.25" diameter, 3" high, horizontal slotted, free area drainage design. The RoofGuard has a 10 year limited warranty.

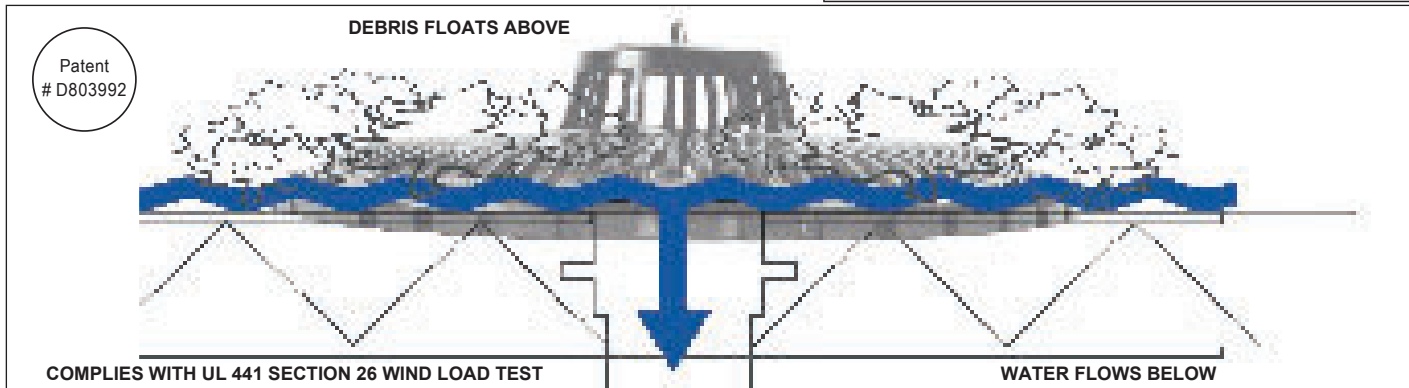
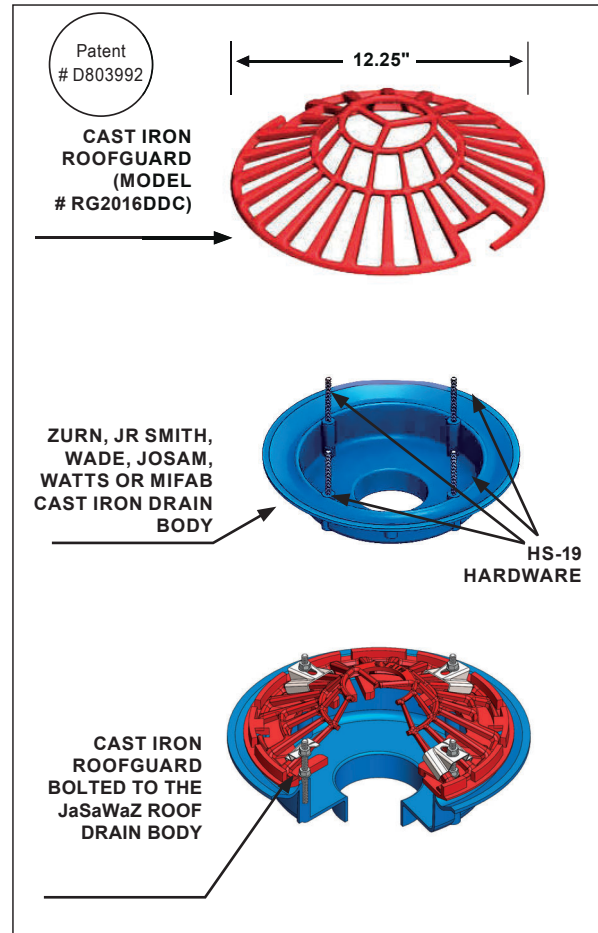
APPLICATIONS:

*Ideal to replace existing roof drain domes on the roofs of schools, warehouses, factories, office buildings and any other building that has standing water on the roof due to clogged roof drain domes. The cast iron RoofGuard ensures a long life. It is also positively bolted to the roof drain body and membrane clamp.

INSTRUCTIONS:

- The RoofGuard will retrofit onto any existing roof drain (MIFAB, Zurn, JR Smith, Wade, Josam or Watts body).
- Remove the existing roof drain dome. Remove the bolts from the membrane clamp ring one at a time and replace them with the provided hardware (MIFAB HS-19).
- Assemble the threaded rods into the body. Add the washer and nut onto the threaded rod, securing the membrane clamp ring to the body. Add another nut and washer to the threaded rod, one inch above the membrane clamp ring (adjusting nut).
- Repeat this process until all bolts on the membrane clamp ring have been removed and replaced.
- Place the RoofGuard over the drain body. Turn it until the slots in the top of the RoofGuard align with the threaded rods.
- Add a washer and nut to the top of all of the threaded rods in order to secure the dome. Cut the excess thread off of the threaded rods.

The HS-19 hardware is always shipped with the RG2016DDC cast iron RoofGuard.



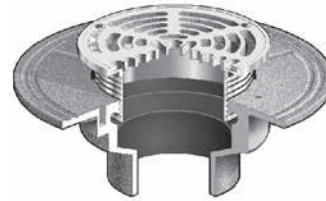
With RoofGuard on duty 24/7, protected roof drains should only require an annual inspection and cleaning to remove accumulated seasonal debris.

MODEL NUMBER	DESCRIPTION
RG2016DDC	Cast Iron RoofGuard

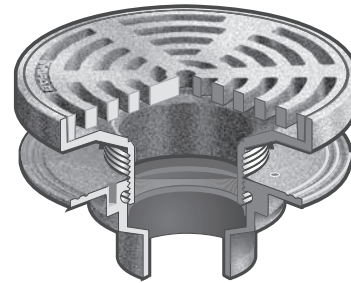
MIFAB offers heavy duty stainless steel floor drain strainers and cleanout top for the **SAME** price as light duty nickel bronze!

THE MIFAB MODULAR SYSTEM

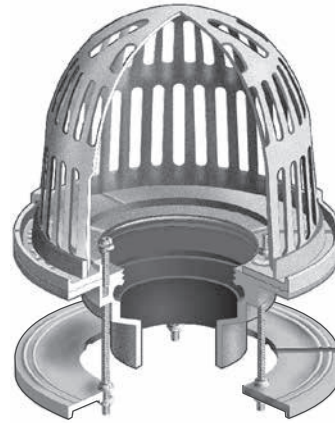
A Floor Drain



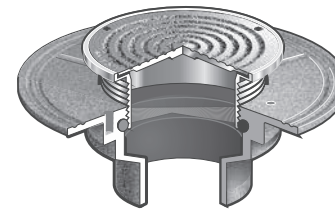
Is an Area Drain



Is a Roof Drain



Is a Cleanout



DYNAC (DO YOU NEED A CLAMP?)

In 90% of today's "slab on grade" installations, there is no need for a membrane clamp, as there is no waterproofing membrane installed. Because MIFAB's unique design allows the strainer assembly to install directly into the throat of the drain body, the use of a membrane clamping collar is optional.

This is an opportunity for cost savings.
Why use a drain with a membrane clamp if it is not necessary?


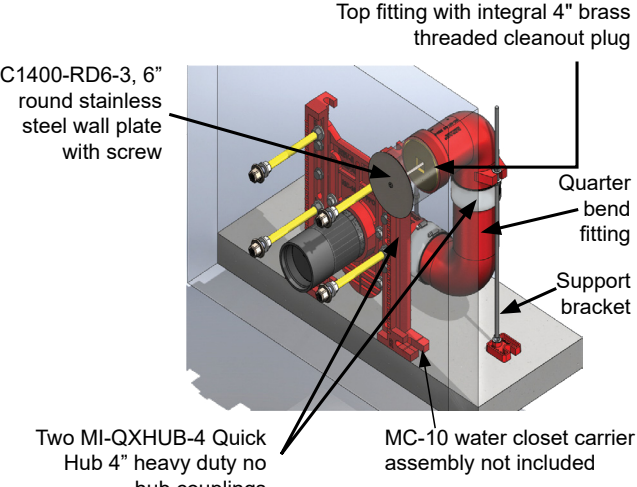
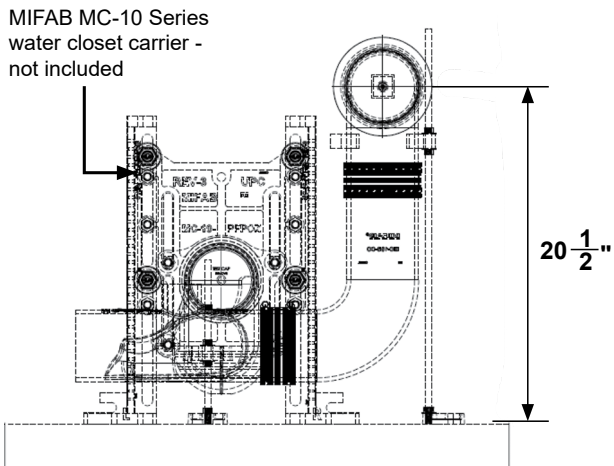
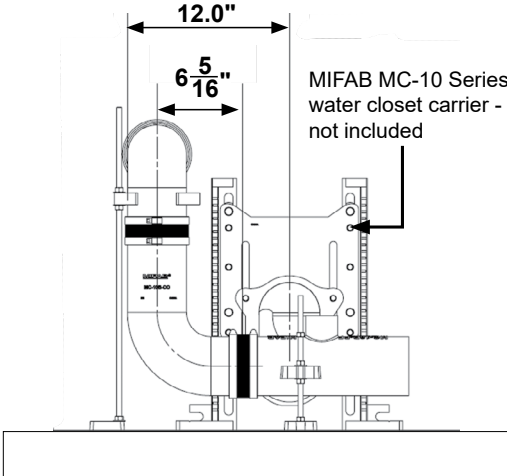


MC-10-CO

WATER CLOSET CARRIER CLEANOUT ASSEMBLY

Specification: MIFAB® Series MC-10-CO water closet carrier cleanout assembly includes: one bottom cast iron quarter bend fitting, one top cast iron fitting with integral 4" brass threaded cleanout plug with blind tapped hole and 6" round stainless steel plate and screw, two pieces of the MI-QXHUB-4 Quick Hub heavy duty no hub couplings tested and certified to ASTM C1540 Standard and one all threaded support bracket.

Function: Save time and money by installing the MIFAB® MC-10-CO water closet carrier cleanout assembly. This eliminates the need to source and assemble several additional parts. Five no hub couplings are reduced to two. The 4" threaded brass cleanout plug is built into the top fitting instead of having to order a separate part. The stainless steel wall plate is included with screw. The MC-10-CO ships complete in a box with the following components: 1) 2 pieces of the MI-QXHUB-4 Quick Hub couplings, 1 quarter bend fitting for the bottom, 1 top fitting with integral 4" brass threaded cleanout plug, 1 support bracket for assembly and one 6" round stainless steel wall plate with screw to assemble onto the finished wall.

<p>ALTERNATIVE METHOD (By others)</p> 	<p>MC-10-CO</p> 
<p>MC-10-CO FRONT VIEW</p> 	<p>MC-10-CO REAR VIEW</p> 

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

MC-10 WATER CLOSET CARRIER

MC-10

**Horizontal, adjustable fixture carrier.
Elevates toilet off floor for easier cleaning.**

NARROW LEGS

2 3/4" legs for narrow install. Outside top of leg removed for unobstructed access to anchor bolt in foot.

UNIVERSAL

Same faceplate used for both siphon jet and blow-out toilets.

SAVE TIME

Bolts connect legs to the faceplate from the front.

REAR ANCHOR SUPPORT

provided with all MIFAB Left and Right Carrier fittings

QUICK INSTALL

All bolts have a built-in washer design.

BUILT-IN RULER

1/2" increment ruler to get correct height.

SUPPORT

1/2" tapping for support strut to accept a cushion clamp for flush valve rough in 4 1/2" on center.

SECURE NIPPLE

Tapered thread nipple inserted into faceplate with o-ring secondary seal. No need to remove the nipple from the faceplate after the water test to cut. Other brands have a flare at the end of their nipple - requiring their nipples to be removed after the water test to cut to the finished wall.

PRE-FAB ANCHOR SLOT

Slot is 1" from the bottom to connect to 1 1/2" angle iron for pre-fab battery transport.

ROD PROTECTORS

Rod protectors come preassembled to prevent mortar from affecting threads with backup nut already assembled onto rods.

EASY TO USE

Faceplate has easy to break off tabs set at common heights.

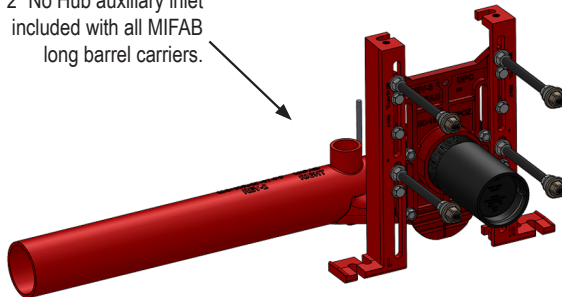


All MIFAB MC-10 carrier fittings are packed in a single carton box with the rear anchor support

HARDWARE PACKS

MIFAB closet carriers are shipped with two different hardware packs - one for the rough in and one for the finish trim. Big advantage vs. others that ship all of the hardware combined in one bag - easy to lose the finish trim at the end of the job when you need it.

2" No Hub auxiliary inlet included with all MIFAB long barrel carriers.



Check out the MC-10-27-37 long barrel carrier from MIFAB. It is standard at 37" long (to allow for the 1" thick partition between the toilets and is also standard with the -27 auxiliary inlet connection to receive lavatory or urinal waste.

Note: Consult with your MIFAB service representative to order the proper "right" and "left" products.

UNIVERSAL LAVATORY CARRIER **MC-41**

UNIVERSAL Lavatory Carrier with Concealed Arms

Floor mounted concealed arm lavatory carrier with lacquered, adjustable, ductile iron concealed support arms.

UNIVERSAL LAV. CARRIER:

- No need to ask which lavatory is being used.
- Only one set of universal arms to fit all but long ADA lavs.
- Tapping in Header bracket is offset from the upright so that the nipple can thread into the open space.
- Header bracket is reversible and can be offset for second adjustment.
- Arm can be adjusted into the nipple.

ADDITIONAL FEATURES

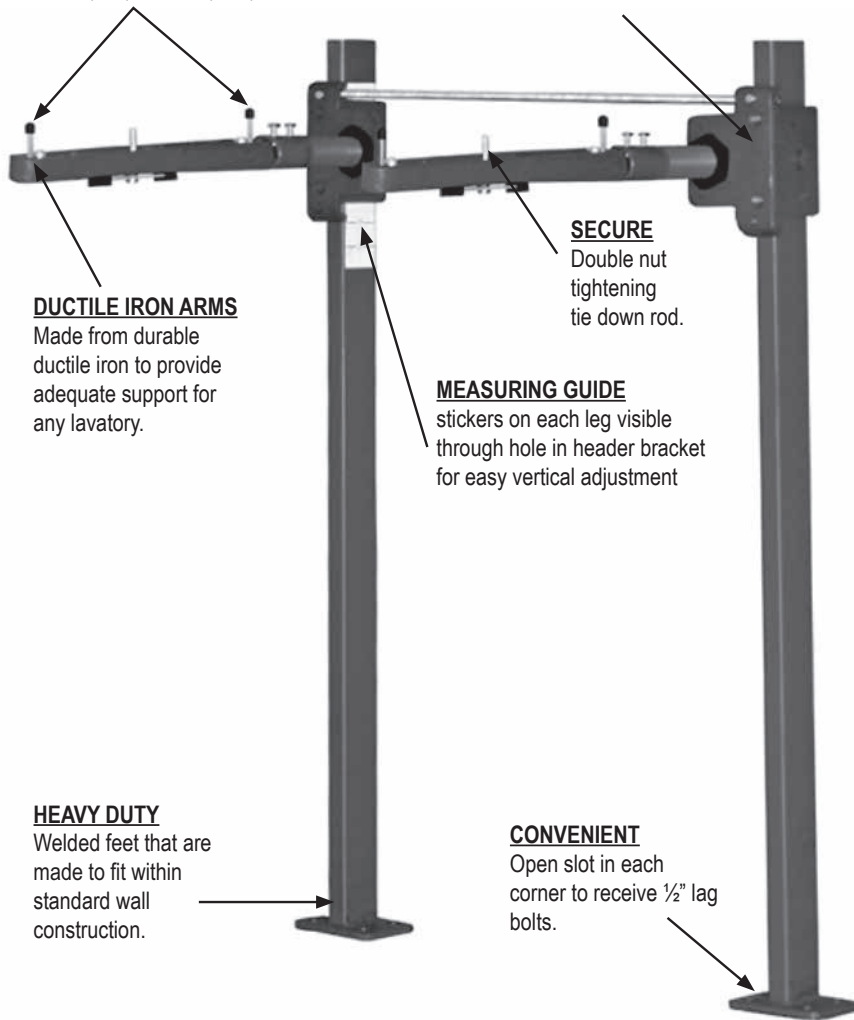
- Other manufacturers require
- different arms for different sink sizes.
- Hardware always assembled onto arms with bag around each arm to prevent loose hardware.

MULTIPLE ADJUSTMENTS

Three adjustments available in arms.
16 ¾" (min) - 23 ½" (max)

VERSATILE

Reversible Header Bracket that can be flipped to other side of upright for narrow lavatories.



DUCTILE IRON ARMS

Made from durable ductile iron to provide adequate support for any lavatory.

HEAVY DUTY

Welded feet that are made to fit within standard wall construction.

SECURE

Double nut tightening tie down rod.

MEASURING GUIDE

stickers on each leg visible through hole in header bracket for easy vertical adjustment

CONVENIENT

Open slot in each corner to receive ½" lag bolts.

PACKAGING

All components of the MC-41 are packed tightly into a single box for easy handling and shipping.



SPECIAL DUTY LOAD RATED CLEANOUT TOP

The perfect cleanout for the industrial warehouse environment.



KEY ADVANTAGES:

- “Special Duty” load rated cover - over 10,000 lbs.
- Ductile Iron cover – 1/2” thick with no recesses around the edges.
- Will not crack or dish when forklifts drive over it.
- Threads into MIFAB® A1 and A4 bodies.



Part No. XR-4
MIFAB Cleanout assembly model # is C1100-XR-4



Optional
membrane clamp
(Suffix -C)

FOUR IN ONE AREA DRAIN DESIGN:

- MIFAB® Area Drains utilize a unique Four-in-One Top Design:
 - Adjustable
 - Fixed
 - Extra Heavy Duty Load Rating
 - Regular Duty Load Rating
- Most of our competitors have four (4) different area drains to do what one (1) MIFAB area drain can do.
- Standard floor drain can be converted into an area drain by simply swapping strainer.
- Use with or without membrane clamp. Save **\$82.00** List Price without clamp.
- MIFAB grates are standard DUCTILE IRON - not cast iron.

F1100-C-4POD

PLANTER PODIUM DRAIN

Specification: MIFAB® Series F1100-C-4POD (* specify strainer diameter) lacquered cast iron floor drain with anchor flange, high rough in membrane clamp, extension body, drain body clamp and strainer (specify -1 for nickel bronze, -3 for stainless steel) with vandal resistant stainless steel allen key screws.

Function: Typically used in planters which are integrated into various locations across the podium. Planters require a secondary concrete pour - over the podium's primary drainage membrane. MIFAB's system allows the use of a second drain body to properly drain and waterproof the interior of the planter.

Dimensions: 5", 6", 7", 8", 10" (Strainer Diameter)

Body Height: 3 1/2" to 4 1/4"

Strainer Adjustment: 3 1/2" and 4 1/4"

Other Dimensions: .75" (Clamp Thickness), PIPE SIZE (SEE CHART)

Components: MIFAB STRAINER, HS-1, A1-C1 MEMBRANE CLAMP, A1 EXTENSION BODY (A1-4NPSM), A1-C2 MEMBRANE CLAMP, HS-1439 HARDWARE, A1-C1-POD MEMBRANE CLAMP, A1 BODY

Component Pricing:

A1 BODY List Price - \$145.00	A1-4NPSM List Price - \$513.00
A1-C2 List Price - \$98.00	A1-C1-POD List Price - \$208.00

Hardware: H-1439 HARDWARE, HS-1 HARDWARE

Notes: (*) Denotes Strainer Size, (**) Denotes Strainer Finish (-1, -3 or -4)

F1100 Series meets ANSI/ASME Floor Drain Standard A112.6.3-2001

F1100-C-POD

Dimensions: 5", 6", 7", 8", 10" (125, 152, 177, 202, 254) (Strainer Diameter)

Strainer Adjustment: (SEE CHART) (PG. 37)

Body Height: (SEE CHART) (PG. 86)

Other Dimensions: 3/4" (Clamp Thickness), PIPE SIZE (SEE CHART), FULL 4" (102) THROAT

Components: VANDAL RESISTANT STAINLESS STEEL ALLEN KEY SCREWS, MIFAB STRAINER, A1-C2, H-1439 HARDWARE, A1-C1-POD, A1 BODY

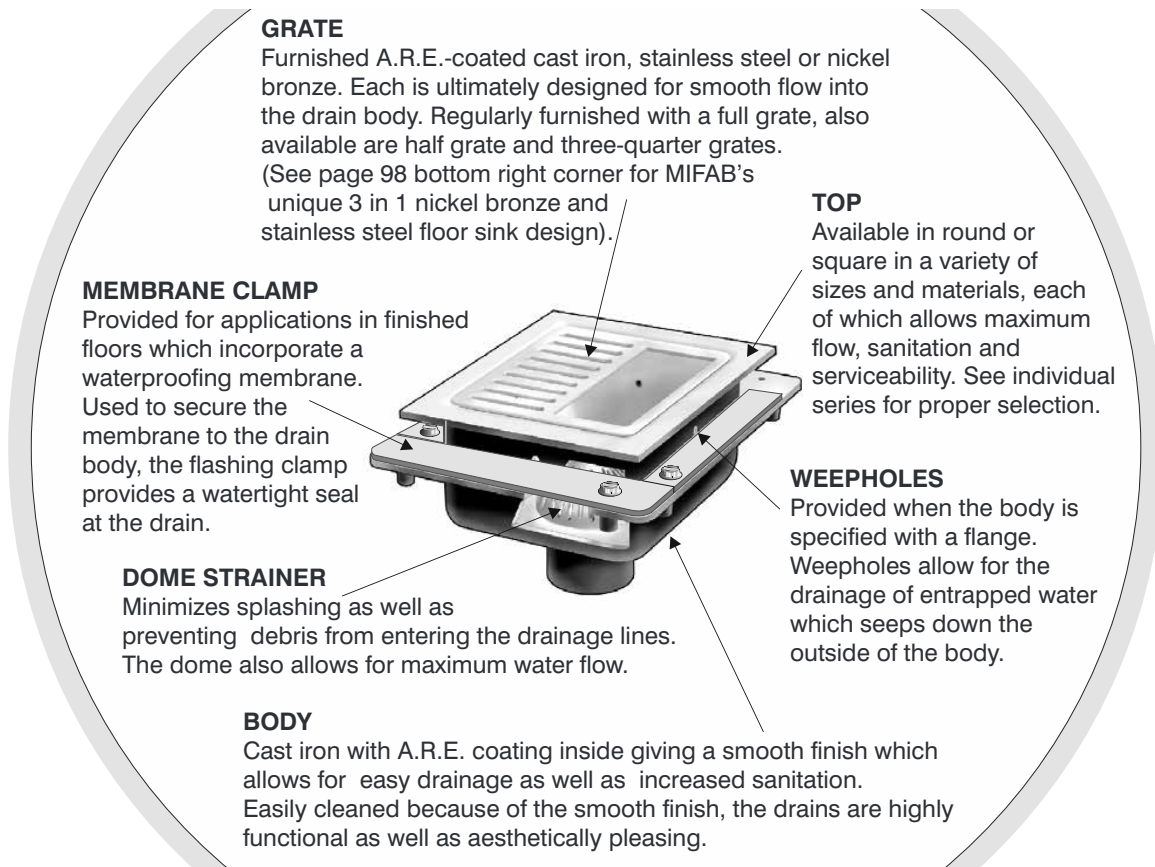
Component Pricing:

A1 BODY	
A1-C2 CLAMP	A1-C1-POD

Hardware: H-1439 HARDWARE

Notes: (*) Denotes Strainer Size, (**) Denotes Strainer Finish (-1, -3 or -4)

F1100 Series meets ANSI/ASME Floor Drain Standard A112.6.3-2001



PATENTED 3 IN 1 NICKEL BRONZE (-1) AND STAINLESS STEEL (-3) FLOOR SINK FRAME AND GRATE DESIGN:



Four removable allen keys screws in each quarter section so that one sku can be converted from a full grate to either a half (-150) or three quarter grate (-175)

MIFAB's patented (U.S. patent # 9,458,616) -1 and -3 floor sink frame and grate design is always shipped as a full grate. The installer has the option to remove either one quarter of the grate (to achieve a three quarter grate) or two quarters of the grate (to achieve a half grate). This provides maximum flexibility and choice during the installation process. This frame and grate design is available for the 8" x 8", 12" x 12", 8" round and 12" round floor sinks.

Drainage: Floor Sink Replacement Stainless Steel Liners

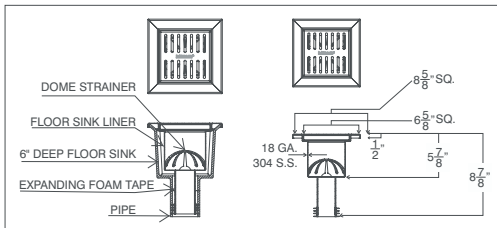
Used in areas where the porcelain enamel floor sink has chipped and / or worn off from already installed 8" x 8" x 6" deep floor sinks. The FS1970 stainless steel liner is inserted into the existing porcelain enamel floor sink.

FS1970 8" x 8" x 6" REPLACEMENT STAINLESS STEEL FLOOR SINK LINER

FS1970



Description: MIFAB FS1970 Series of Type 304 stainless steel floor sink replacement liner for 8" x 8" x 6" deep floor sinks. Manufactured with internal pipe gasket seal and light duty slotted loose set grate and aluminum dome strainer.



OPTIONAL VARIATIONS	
SUFFIX	DESCRIPTION
-5	Sediment Bucket (FS1500-PB)
-22	Less Stainless Steel grate (deduct)
-150	Half Grate
-175	Three Quarter Grate

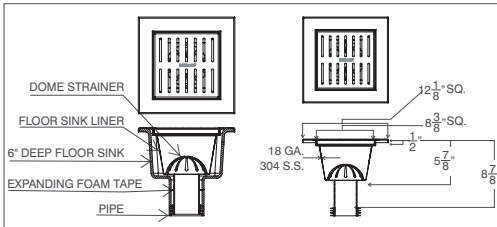
MODEL NO.	PIPE SIZE	WT. Lbs.	FREE AREA
FS1972	2"	5	12.30"
FS1973	3"	5	12.30"
FS1974	4"	5	12.30"

FS1980 12" x 12" x 6" REPLACEMENT STAINLESS STEEL FLOOR SINK LINER

FS1980



Description: MIFAB FS1980 Series of Type 304 stainless steel floor sink replacement liner for 12" x 12" x 6" deep floor sinks. Manufactured with internal pipe gasket seal and light duty slotted loose set grate and aluminum dome strainer.



OPTIONAL VARIATIONS	
SUFFIX	DESCRIPTION
-5	Sediment Bucket (FS1700-PB)
-22	Less Stainless Steel grate (deduct)
-150	Half Grate
-175	Three Quarter Grate

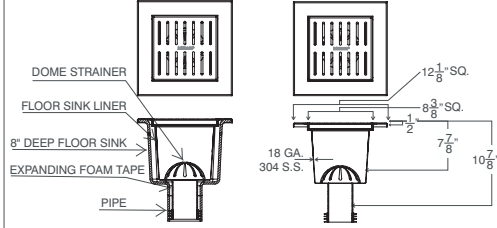
MODEL NO.	PIPE SIZE	WT. Lbs.	FREE AREA
FS1982	2"	6	22.00"
FS1983	3"	6	22.00"
FS1984	4"	6	22.00"

FS1990 12" x 12" x 8" REPLACEMENT STAINLESS STEEL FLOOR SINK LINER

FS1990



Description: MIFAB FS1990 Series of Type 304 stainless steel floor sink replacement liner for 12" x 12" x 8" deep floor sinks. Manufactured with internal pipe gasket seal and light duty slotted loose set grate and aluminum dome strainer.

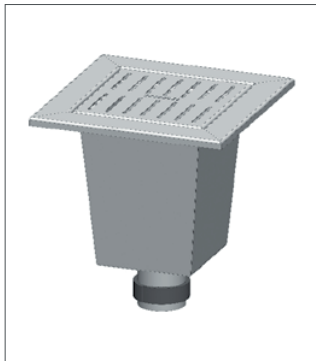


OPTIONAL VARIATIONS	
SUFFIX	DESCRIPTION
-5	Sediment Bucket (FS1700-PB)
-22	Less Stainless Steel grate (deduct)
-150	Half Grate
-175	Three Quarter Grate

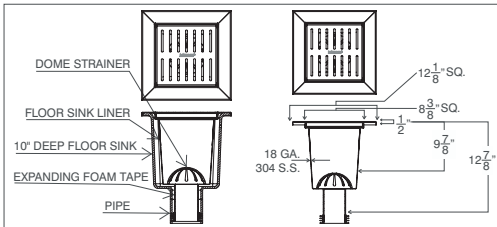
MODEL NO.	PIPE SIZE	WT. Lbs.	FREE AREA
FS1992	2"	7	22.00"
FS1993	3"	7	22.00"
FS1994	4"	7	22.00"

FS2000 12" x 12" x 10" REPLACEMENT STAINLESS STEEL FLOOR SINK LINER

FS2000



Description: MIFAB FS2000 Series of Type 304 stainless steel floor sink replacement liner for 12" x 12" x 10" deep floor sinks. Manufactured with internal pipe gasket seal and light duty slotted loose set grate and aluminum dome strainer.



OPTIONAL VARIATIONS	
SUFFIX	DESCRIPTION
-5	Sediment Bucket (FS1700-PB)
-22	Less Stainless Steel grate (deduct)
-150	Half Grate
-175	Three Quarter Grate

MODEL NO.	PIPE SIZE	WT. Lbs.	FREE AREA
FS2002	2"	7	22.00"
FS2003	3"	7	22.00"
FS2004	4"	7	22.00"

SHIFT AND LIFT

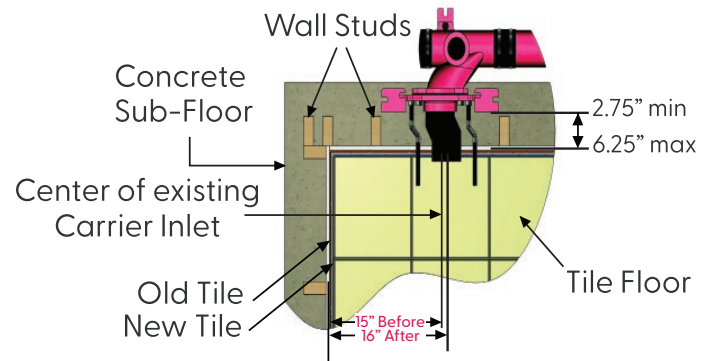
OFFSET THE FIXTURE WITHOUT TEARING OUT THE WALL AND CARRIER!



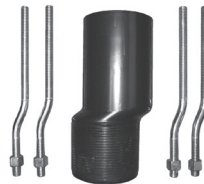
US PATENT #8,887,319



• 4" F.I.P. x 3" M.I.P. PVC adapter available (Part # MC-10-43-ADAPT) to thread into 3" threaded faceplates



PARTS IN KIT

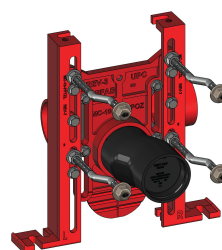


Available in three adjustments

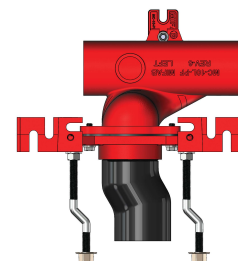
- 1/2" Adjustment
Part #: MC-10-PN8R-31-SL-50
- 3/4" Adjustment
Part #: MC-10-PN8R-31-SL-75
- 1" Adjustment
Part #: MC-10-PN8R-31-SL-100

Save frustration and expense! Shift and Lift is the solution when the ADA water closet is not between 16" and 18" from the center of the finished wall!

The MC-10 Series is tested with the Shift and Lift offset hardware package to support a 500 lb. load with the rear anchor support.



ANGLE VIEW



TOP VIEW

HDPE INTERCEPTORS STOCKING PROGRAM MIFAB DOES NOT SELL DIRECTLY TO CONTRACTORS

BIG-MAX STOCKING PROGRAM



BIG-MAX 50, 75 AND 100 GPM

WHY BIG-MAX?

- Lids come standard with 20,000 lb. load rating
- More efficient separation of grease due to proprietary inlet design
- Lightweight, two people can carry
- Narrow width to fit through doorway

NON-STOCKING:

- ✗ 1 at a time
- ✗ Pay for freight

STOCKING:

- ✓ Place initial order for 6 units with FFA
- ✓ Each order thereafter for 1 unit with FFA (going to the same place)

Contact MIFAB for multipliers

WHY ARE YOU THROWING MONEY AWAY?

MIFAB is in your buying group-
Some of our competitors are not!



LIL-MAX
7-50 GPM



BIG-MAX
50-100 GPM



SUPER-MAX
500 - 2,000
LIQUID HOLDING
CAPACITY

- MIFAB does not sell direct to contractors
- Units utilize 18" ADS pipe for risers so you can maximize profitability
- Only stock what you sell
- MIFAB does not require weekly inventory verification
- MIFAB has the widest range of interceptors available in the market today
- Units are PDI approved

ADS Corrugated Pipe Extension

Standard 18" diameter ADS corrugated pipe is used for the BIG MAX extensions and standard 24" diameter ADS corrugated pipe is used for the SUPER MAX extensions. Readily available from Waterworks wholesalers.



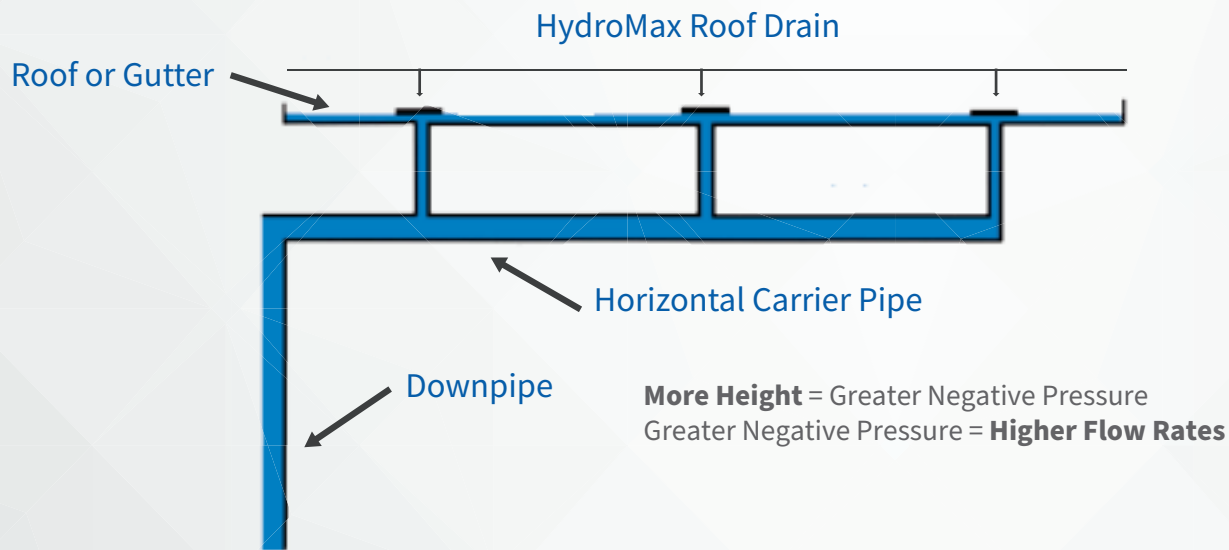
HYDROMAX Siphonic Drainage



What is Siphonic Drainage?

Siphonic storm drainage is an alternative to traditional Gravity storm drainage. Siphonic drainage offers technical benefits, design benefits, and most importantly numerous cost savings benefits.

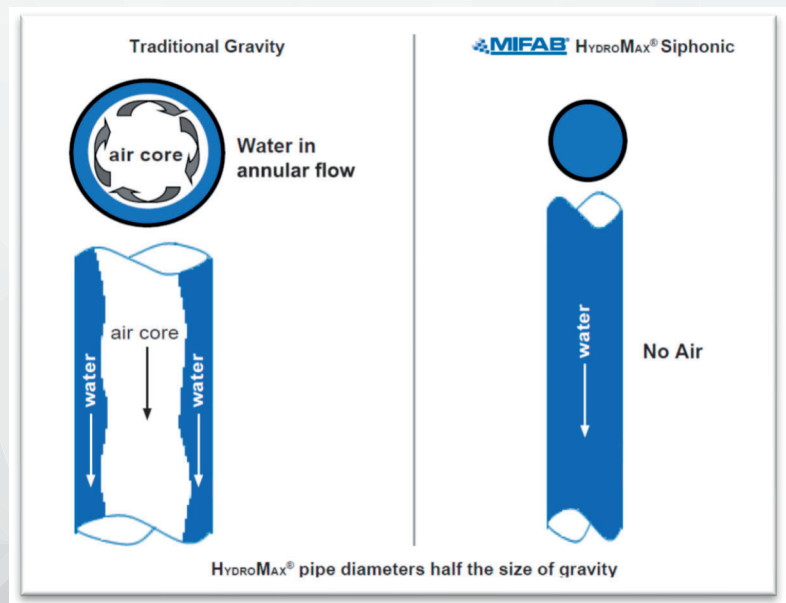
Siphonic drainage uses the natural height of the building to generate a negative pressure which makes a siphon effect on the roof having the drain act as a “shop vac”. Siphonic drainage is the same concept as taking gas out of your dad’s car. “Put the hose in and start sucking, once the fluid starts coming through it continues pulling the gas from the tank,” that is exactly what is happening on the roof.



Cost Savings Benefits?

Siphonic drains utilize a baffle plate to eliminate air from entering the system; whereas gravity drains require 2/3rd's air mixing with 1/3rd's water to function.

Because of this, Siphonic drainage can size piping half the diameter that traditional gravity drains use because the entire pipework is full of water (not needing room for the air)- this the first major cost savings advantage of using Siphonic drainage. In addition to using half the diameter pipes, cost savings is achieved from smaller fittings, couplings, hangers and insulation.

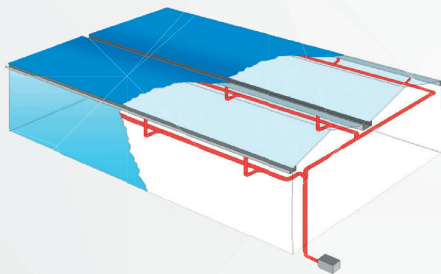


HYDROMAX Siphonic Drainage



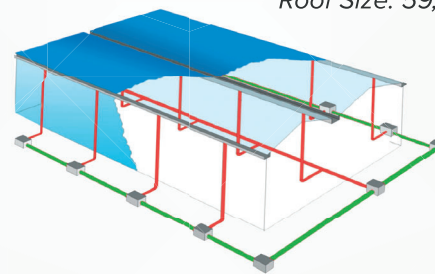
Design benefits?

Gravity drainage requires a slope to function. The issue with slope is that the pipe can only travel so far before getting into livable space; the Gravity drainage then requires a vertical drop to ground level where the floor needs to be excavated for the piping to connect into the civils (still requiring further slope). Siphonic drainage has the piping run completely flat- a huge difference. By eliminating pitch, the pipe can stay up in the ceiling and run to an exterior wall before dropping in the vertical- this saves an enormous amount of cost by not having to excavate inside the building.



Siphonic Layout

- ✓ 1,000 ft. of pipework
- ✓ 3" to 8" diameter



*Roof Size: 59,400 sq ft.

Gravity Layout

- ✗ 1,600 ft. of pipework
- ✗ 6" to 18" diameter

Equally important, gravity dictates where the discharge point must be in traditional Gravity storm drainage; a design using Siphonic drainage allows the freedom to decide where that discharge point should be. This allows the elimination of numerous down pipes, collection of more drains together eliminating unneeded runs, both of which reduce material cost and labor.

Technical Benefits?

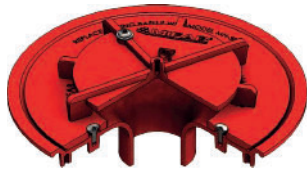
Siphonic drainage is overwhelmingly more efficient than Gravity drainage. At 2" of ponding a 6" gravity drain can discharge 75gpm; given the same 2" of ponding a 6" Siphonic drain discharges 400 gpm (and up to 1820gpm at maximum capacity). This allows the roof to discharge at a much higher rate leading to reduced ponding which creates a safer overall building. Less roof drains are needed to cover the same roof area which means less roof penetrations. A reduced number of roof drains contribute to cost savings for less material costs, less labor installing the roof drains- cutting holes in the roof/attaching the membrane, and less piping overall to connect the system.

3" Drain			4" Drain			5" Drain			6" Drain		
Depth	Gravity	HydroMax®	Depth	Gravity	HydroMax®	Depth	Gravity	HydroMax®	Depth	Gravity	HydroMax®
1"	25 GPM	75 GPM	1"	25 GPM	93 GPM	1"	27 GPM	115 GPM	1"	15 GPM	140 GPM
2"	87 GPM	310 GPM	2"	90 GPM	350 GPM	2"	100 GPM	350 GPM	2"	75 GPM	400 GPM
3"	214 GPM		3"	215 GPM	785 GPM	3"	230 GPM	890 GPM	3"	210 GPM	990 GPM
4"	225 GPM		4"	232 GPM		4"	295 GPM		4"	250 GPM	1580 GPM
5"	231 GPM		5"	240 GPM		5"	440 GPM		5"	490 GPM	
6"	247 GPM		6"	252 GPM		6"	720 GPM		6"	715 GPM	

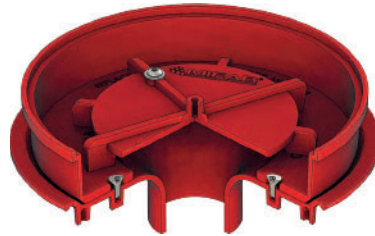
WWW.MIFAB.COM

MIFAB® HydroMax® Drain/Cover Options

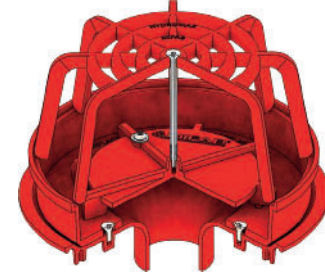
All MIFAB® HydroMax® drains are tested to ASME A112.6.9 and IAPMO listed



Part # MH-300
Roof Drain Assembly
(3" NH, 4" NH, 5" NH, 6" NH)



Part # MH-301
Overflow Roof Drain
(3" NH, 4" NH, 5" NH, 6" NH)



Part # MH-301-DG
Overflow with Debris Guard
(3" NH, 4" NH, 5" NH, 6" NH)



Part # MH-200
2" Terrace Drain



Part # MH-205-G
2" Gutter Drain
(Stainless Steel Spun Body)



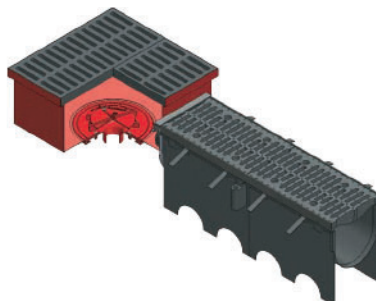
Part # MH-305-G
3" Gutter Drain
(Stainless Steel Spun Body)



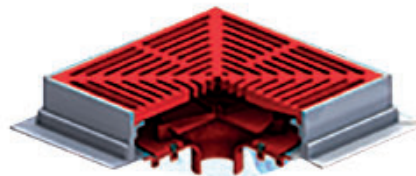
Part # MH-505-G
5" Gutter Drain
(Stainless Steel Spun Body)



Part # MH-505-G-OF
5" Gutter Overflow Drain
(Stainless Steel Spun Body)



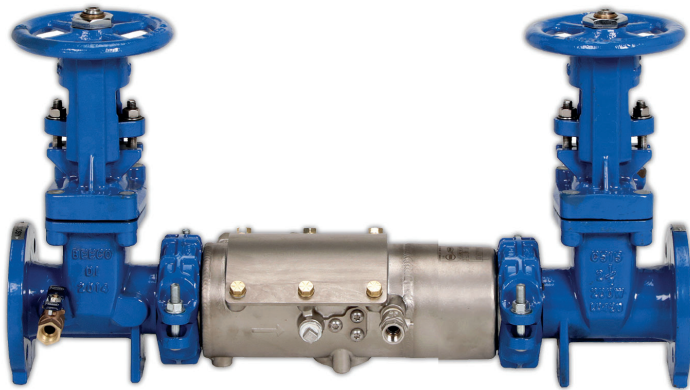
Part # MH-T
Siphonic Trench Assembly



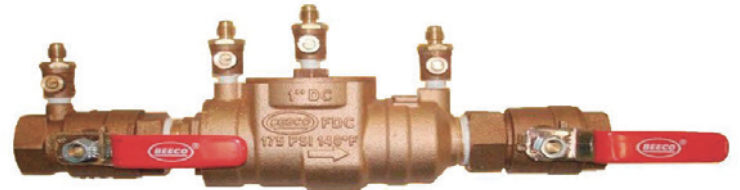
Part # MH-PG-D
Parking Garage/Deck Drain
(3" NH, 4" NH, 5" NH)



Part #'s MH-F1460, MH-F1580
Siphonic Gravity Break Drain



2 1/2" - 8" Double Check and Reduced Pressure Zone Available.



1 1/2" - 2" Double Check and Reduced Pressure Zone Available.

BE BOLD, BE BARRACUDA

BARRACUDA BACKFLOW PREVENTERS

The BEECO® BARRACUDA Series of backflow preventer devices prevent non-health hazard pollutants and hazardous contaminants from entering a potable water supply system when backpressure and/or backsiphonage conditions occur. This product is designed for the waterwork, plumbing, and irrigation markets only.

FEATURES

ALL STAINLESS STEEL BODY AND COVER

SHORTEST LAY LENGTH IN THE MARKET

LIGHTEST DEVICES ON THE MARKET

BEST FLOW CURVES AT WORKING PRESSURE

APPROVALS:



LEARN MORE: WWW.MIFAB.COM/BEECO

PRESSURE REDUCING VALVES

SINGLE UNION, FEMALE THREADED INLET AND OUTLET

MODEL NO.	SIZE	QTY/CTN.
PRV.50-SU-IPS-C-LL	1/2"	36
PRV.75-SU-IPS-C-LL	3/4"	36
PRV1.00-SU-IPS-C-LL	1/2"	30



DOUBLE UNION, FEMALE THREADED INLET AND OUTLET

MODEL NO.	SIZE	QTY/CTN.
PRV.50-DU-IPS-C-LL	1/2"	40
PRV.75-DU-IPS-C-LL	3/4"	40
PRV1.00-DU-IPS-C-LL	1"	36

SWT, CPVC, PEX WITH POLYMER CAGES, SAME PRICE AS ABOVE



STRAINERS

WYE TYPE, THREADED CONNECTIONS

MODEL NO.	SIZE	QTY/CTN.
STR.50-IPS-BRZ-LL	1/2"	12
STR.75-IPS-BRZ-LL	3/4"	8
STR1.00-IPS-BRZ-LL	1"	8
STR1.25-IPS-BRZ-LL	1 1/4"	6
STR1.50-IPS-BRZ-LL	1 1/2"	2
STR2.00-IPS-BRZ-LL	2"	2



Low Lead California AB 1953 Compliant

PRESSURE GAUGES

BOTTOM ENTRY PRESSURE GAUGES, 2 1/2", 1/4" NPT

MODEL NO.	SIZE	QTY/CTN.
PG2.50-0-30-BTM-25	0-30	100
PG2.50-0-60-BTM-25	0-60	100
PG2.50-0-100-BTM-25	0-100	100
PG2.50-0-160-BTM-25	0-160	100
PG2.50-0-200-BTM-25	0-200	100
PG2.50-0-300-BTM-25	0-300	100



MI-CONTROL

WATER HEATER SHUTOFF THERMAL EXPANSION CONTROL VALVE

MODEL NO.	SIZE	QTY/CTN.
MI-CONTROL-LL	3/4"	20
MI-CONTROL-NPT-LL	3/4"	20
MI-CONTROL-PEX-LL	3/4"	20
MI-CONTROL-SWT-LL	3/4"	20
MI-CONTROL-UP-LL	3/4"	20



DIELECTRIC UNIONS

GALVANIZED, FEMALE IRON PIPE BY COPPER SOLDER JOINT

MODEL NO.	SIZE	QTY/CTN.
DU.50-IPS-X-SWT-LL	1/2"	10
DU.75-IPS-X-SWT-LL	3/4"	10
DU1.00-IPS-X-SWT-LL	1"	5
DU1.25-IPS-X-SWT-LL	1 1/4"	5
DU1.50-IPS-X-SWT-LL	1 1/2"	5
DU2.00-IPS-X-SWT-LL	2"	2



ANTI-SIPHON VACUUM BREAKER

BRASS BODY DESIGN

MODEL NO.	SIZE	QTY/CTN.
ASVB.25-B-LL	1/4"	24
ASVB.375-B-LL	3/8"	24
ASVB.50-B-LL	1/2"	16
ASVB.75-B-LL	3/4"	16



HOSE CONNECTION VACUUM BREAKERS

HOSE CONNECTION ATMOSPHERIC VACUUM BREAKER

MODEL NO.	SIZE	QTY/CTN.
HVB.75F-X-.75M-CP-LL	¾"	1
HVB.75F-X-.75M-RB-LL	¾"	1



SELF DRAINING VACUUM BREAKERS

SELF DRAINING HOSE VACUUM BREAKER

MODEL NO.	SIZE	QTY/CTN.
HBVBSD.75-CP-LL	¾"	1
HBVBSD.75-RB-LL	¾"	1



BRONZE BALL VALVES

BRONZE NO LEAD BALL VALVES. LOW LEAD CALIFORNIA AB 1953 COMPLIANT

MODEL NO.	SIZE	QTY/CTN.
BV.50-IPS-BRZ-LL	½"	1
BV.75-IPS-BRZ-LL	¾"	1
BV1.00-IPS-BRZ-LL	1"	1
BV1.25-IPS-BRZ-LL	1 ¼"	1
BV1.50-IPS-BRZ-LL	1 ½"	1
BV2.00-IPS-BRZ-LL	2"	1



DUAL CHECK VALVES

HOSE CONNECTION ATMOSPHERIC VACUUM BREAKER

MODEL NO.	SIZE	QTY/CTN.
DCAV.50-NPT	½"	1
DCAV.75-NPT	¾"	1
DCAV.50-SWT	½"	1
DCAV.75-SWT	¾"	1



GATE VALVES OSY STYLE

FLANGED BY FLANGED, OSY RESILIENT WEDGE, EPOXY COATED

MODEL NO.	SIZE	QTY/CTN.
GV2.50-FXF-OSY	2 ½"	1
GV3.00-FXF-OSY	3"	1
GV4.00-FXF-OSY	4"	1
GV6.00-FXF-OSY	6"	1
GV8.00-FXF-OSY	8"	1
GV10.00-FXF-OSY	10"	1



GATE VALVES NRS STYLE

FLANGED BY FLANGED, NRS RESILIENT WEDGE, EPOXY COATED

MODEL NO.	SIZE	QTY/CTN.
GV2.00-FXF-NR	2"	1
GV2.50-FXF-NR	2 ½"	1
GV3.00-FXF-NRS	3"	1
GV4.00-FXF-NRS	4"	1
GV6.00-FXF-NRS	6"	1
GV8.00-FXF-NRS	8"	1
GV10.00-FXF-NRS	10"	1
GV12.00-FXF-NRS	12"	1



PRESSURE VACUUM BREAKERS

PRESSURE VACUUM BREAKERS. LOW LEAD AB 1953 COMPLIANT

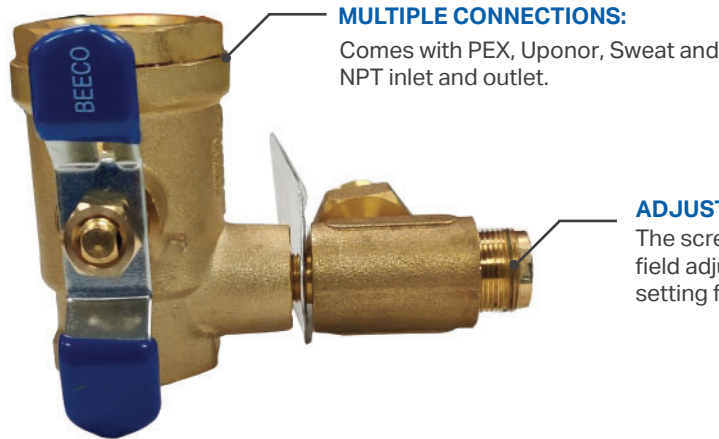
MODEL NO.	SIZE	QTY/CTN.
PVB.50-QT-LL	½"	1
PVB.75-QT-LL	¾"	1
PVB1.00-QT-LL	1"	1
PVB1.25-QT-LL	1 ¼"	1
PVB1.50-QT-LL	1 ½"	1
PVB2.00-QT-LL	2"	1



MI-CONTROL-LL

WATER HEATER SHUT OFF THERMAL EXPANSION CONTROL VALVE

The BEECO MI-CONTROL-LL is designed to be used where a water heater shut-off and thermal expansion valve are needed in combination to provide protection for your plumbing system against thermal expansion.



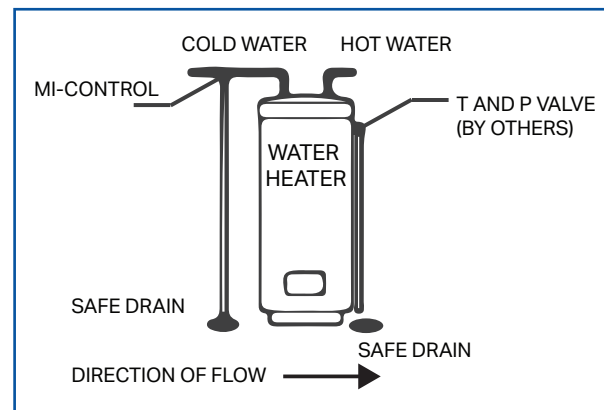
FEATURES

- Only field adjustable device on the market
- All possible drain options included
- Replaces both the expansion tank and the shut off valve
- Takes 1/10 the space of an expansion tank
- Made of lead free material.

CONNECTION TYPES



TYPICAL INSTALLATION



APPROVALS: Valve is tested, certified and listed to the I.A.P.M.O. I.G.C. 128-2006a

CODES

IPC 2018

607.3 Modification 607.3 Thermal expansion control The code language follows: "Where a storage water heater is supplied with cold water that passes through a check valve, pressure reducing valve or backflow preventer, a thermal expansion control device shall be connected to the water heater cold water supply pipe at a point that is downstream of all check valves, pressure reducing valves and backflow preventers."

UPC 2021

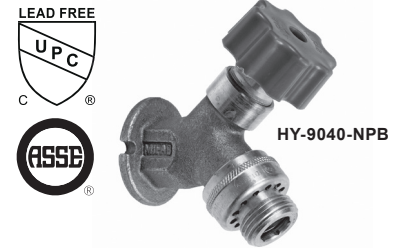
"When it comes to the UPC CODE 608.3 it states the following "Any water system provided with a check valve, backflow preventer, or any other normally closed device that prevents dissipation of building pressure back into the water main shall be provided with an approved, listed and adequately sized expansion tank or other approved device having a similar function to control thermal expansion. Such expansion tank or other approved device shall be sized and installed in accordance with the manufacturers recommendations."

HY-9000-NPB ROUGH BRASS WALL FAUCET with VACUUM BREAKER

MODEL #	FINISH	OPERATING DEVICE	INLET CONNECTION	WEIGHT
HY-9040-NPB	Rough brass	Operating loose tee key, cast iron wheel handle, brown plastic and clear plastic wheel handle all included	1/2" F.P.T.	1.25 lbs.
HY-9041-NPB	Rough brass	Operating loose tee key, cast iron wheel handle, brown plastic and clear plastic wheel handle all included	3/4" F.P.T.	1.25 lbs.

HY-90-RK-NPB	Repair kit for HY-9000-NPB of Hydrants
HY-9000-VB	A.S.S.E. 1011 Approved Rough Brass Vacuum Breaker (to replace vacuum breaker on the HY-9040-NPB or HY-9041-NPB)

Illustrated with brown plastic wheel handle



"MIFAB has taken the guess work out of which handle needs to be ordered with the HY-9000 wall faucet. They include 4 handle types with every order so our customers get to choose the correct one."

- Hans Haas, Principal, SPEC 22 Sales, Charlotte, NC



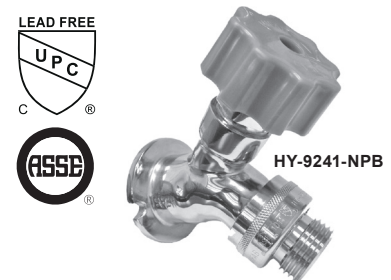
Note: All four of the above handles are shipped with every HY-9040-NPB, HY-9041-NPB, HY-9240-NPB, and HY-9241-NPB.

HY-9200-NPB POLISHED CHROME PLATED WALL FAUCET with VACUUM BREAKER

MODEL #	FINISH	OPERATING DEVICE	CONNECTION	WEIGHT
HY-9240-NPB	Polished Chrome Plated	Operating loose tee key, cast iron wheel handle, brown plastic and clear plastic wheel handle all included	1/2" F.P.T.	1.25 lbs.
HY-9241-NPB	Polished Chrome Plated	Operating loose tee key, cast iron wheel handle, brown plastic and clear plastic wheel handle all included	3/4" F.P.T.	1.25 lbs.

HY-90-RK-NPB	Repair kit for HY-9200-NPB of Hydrants
HY-9000-VB-49	A.S.S.E. 1011 Approved Polished Chrome Plated Vacuum Breaker (to replace vacuum breaker on the HY-9240-NPB or HY-9241-NPB)

Illustrated with brown plastic wheel handle



HY-9500 HYDRANT BOXES FOR WALL FAUCETS

MODEL #	DESCRIPTION	WEIGHT
HY-9500	Rough Brass box only - hydrant extra	10 lbs.
HY-9500-49	Chrome Plated Brass box only - hydrant extra	10 lbs.
HY-9500-K	Rough Brass box only with cylinder key lock - hydrant extra	10.25 lbs.
HY-9500-49-K	Chrome Plated Brass box only with cylinder key lock - hydrant extra	10.25 lbs.

Add the List Price of the HY-9000-NPB wall faucet required to the List Price of the HY-9500 box to determine the total List Price for an encased HY-9000-NPB Series wall faucet.

To order an encased HY-9000-NPB Series wall faucet, specify the HY-9000-NPB MODEL # followed by the HY-9500 MODEL #. (e.g. HY-9241-NPB w/HY-9500). The HY-9000-NPB Series wall faucets with cast iron wheel handles are not intended for use with the HY-9500 box.



CASE STUDY

MIFAB HY-1000 Series Wall Hydrants installed in New York City



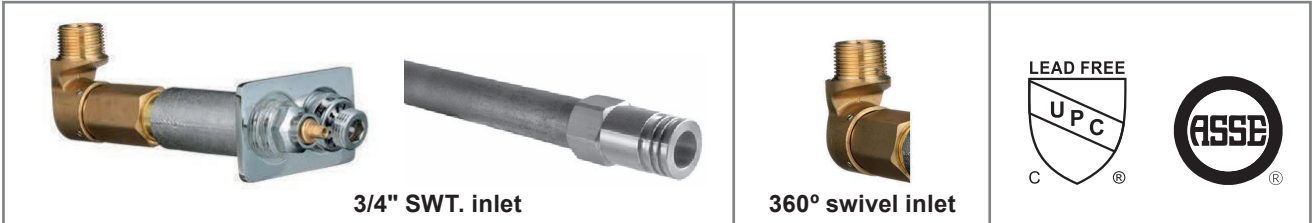
MIFAB product Installed:
HY-1008-NPB, Non-Freeze Wall Hydrant

Contractor: Parkview Plumbing

Job location: New York City

MIFAB Sales Agent: DEA Sales

Location: 150 Charles Street, NYC



"One of the most important feature we need is MIFAB's unique 360 degree swivel wall hydrant design. This allows our team for the easiest installation from limited space on the building."
 – Parkview Plumbing, Jay Lyons, Owner

MIFAB's 3 in 1 Floor Sink PVC grate assembly

MIFAB Product Purchased –
 FS520 and FS720 Series PVC Floor Sinks

Wholesaler - Midsouth Plumbing and Electric Supply

Location – Jonesboro, AR

MIFAB Sales Agent – Blackjack Mountain Marketing

MIFAB Patent # - 9,458,616



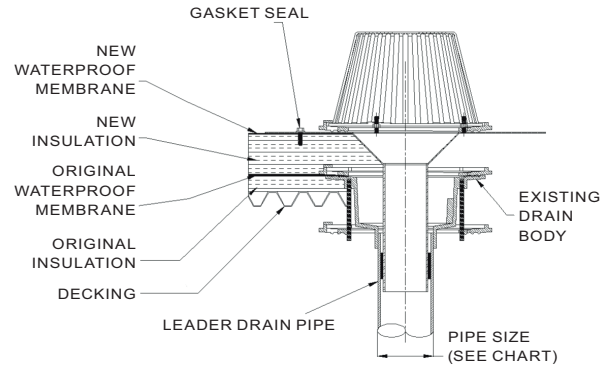
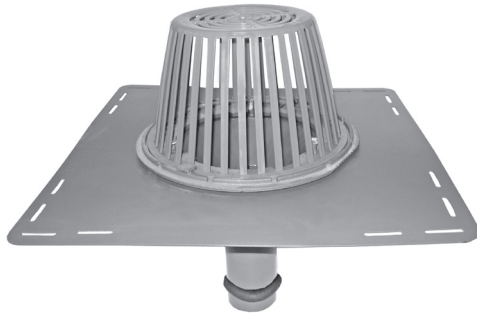
“The new three in one grate for the PVC floor sinks have allowed us as a wholesale company to lower the amount of sku’s that we have to keep in stock. Before we had to keep a full grate, a ¾ grate and a ½ grate to be able to supply the customers with whatever configuration would be required for each job. Now one grate does it all. This benefits the plumbing contractor as well by always having the correct grate as required. They can now wait until the end of the job to make whatever configuration is needed. As we all know, jobs are constantly changing and this allows us to never have the wrong grate installed. This also brings a certain amount of safety to the job site. By keeping the floor sink covered with a full grate the possibility of someone stepping into the ½ open portion is taken out of the equation.

I hope this helps and serves as our testimonial to the strengths of the three in one grate design from a wholesaler’s point of view and some insight I’ve received from plumbers.”

– Ronald Wheelless, Midsouth Plumbing and Electric Supply, Jonesboro, AR

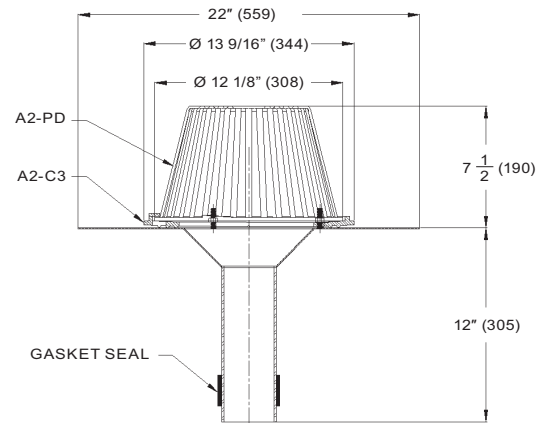
RFD REPLACEMENT ROOF DRAIN

Manufactured from 16 gauge steel with an acid resistant powder epoxy coating on bearing pan and funnel body. Furnished with poly dome strainer, dome receiver with integral gravel guard and gasket seal.



MODEL #	PIPE SIZE
RFD-3	3" [76] Push-In
RFD-4	4" [76] Push-In
RFD-5	5" [76] Push-In
RFD-6	6" [76] Push-In

OPTIONAL VARIATIONS	
SUFFIX	DESCRIPTION
-6	Vandal proof dome (metal dome only)
-M-80	Low aluminum dome
-M	Cast iron dome



MI-SCOV CAST IRON SEWER BOX SEWER LID AND COVER



MI-SCOV - side view
















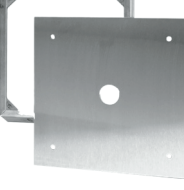




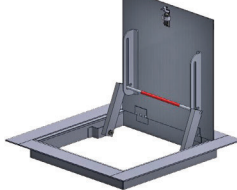



MI-SCOV-W-8 - top view

MODEL #	OVERALL DIAMETER	COVER DIAMETER	HEIGHT
MI-SCOV-8	11"	9"	2.50"
MI-SCOV-10	13"	11"	2.50"





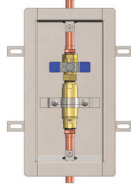
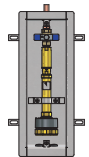
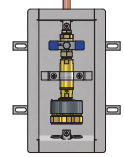





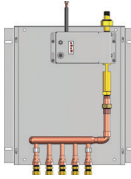

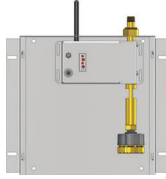
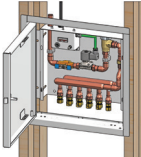






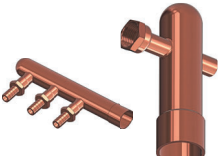






MODEL #	DESCRIPTION
MI-SCOV-W-8	8" water lid and collar
MI-SCOV-S-8	8" sewer lid and collar
MI-SCOV-8	8" plain lid and collar
MI-SCOV-W-10	10" water lid and collar
MI-SCOV-S-10	10" sewer lid and collar
MI-SCOV-10	10" plain lid and collar

SUFFIX	OPTIONAL VARIATIONS
-11	Acid resistant epoxy coated lid and collar
-13	Galvanized lid and collar

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 <p>SERIES CAD-PL CEILING OR WALL ACCESS DOOR, PLASTER FINISH (PAGE 6)</p>	 <p>SERIES CAD-FL CEILING OR WALL ACCESS DOOR, FLUSH DOOR WITH FRAME (PAGE 7)</p>	 <p>SERIES CAD-FL-PL CEILING OR WALL ACCESS DOOR, FLUSH DOOR WITH FRAME, PLASTER FINISH (PAGE 8)</p>	 <p>SERIES CAD-FR CEILING OR WALL ACCESS DOOR, FIRE RESISTANT (PAGE 8)</p>
 <p>SERIES MPFR INSULATED FIRE RATED ACCESS DOOR (PAGE 9)</p>	 <p>SERIES MFRU UNINSULATED FIRE RATED ACCESS DOOR (PAGE 10)</p>	 <p>SERIES MPFR-DW INSULATED FIRE RATED ACCESS DOOR WITH DRYWALL BEAD FRAME (PAGE 11)</p>	 <p>SERIES MI-SAD MEDIUM SECURITY ACCESS DOOR (PAGE 12)</p>
 <p>SERIES MI-SADH HIGH SECURITY ACCESS DOOR (PAGE 12)</p>	 <p>SERIES MI-FVP FLUSH VALVE PANEL (PAGE 13)</p>	 <p>SERIES MI-SF SURFACE ACCESS DOOR (PAGE 13)</p>	 <p>SERIES MI-VB, MI-VB-SM VALVE BOX (PAGE 14)</p>
 <p>MI-VB-SM WITH OPTIONAL CUT OUT OF DOOR TO ALLOW FOR GLASS OR PLASTIC WINDOW BY OTHERS. (PAGE 14)</p>	 <p>SERIES PA PLASTIC ACCESS DOOR (PAGE 15)</p>	 <p>SERIES FHA, FHG FLOOR ACCESS DOOR (PAGE 15)</p>	 <p>SERIES RHA, RHG ROOF HATCH (PAGE 16)</p>
 <p>LOCKS AND LATCHES (PAGE 16)</p>	 <p>SERIES WID EXTERIOR ACCESS DOOR/ WALK-IN DOOR (PAGE 17)</p>	<p><i>“MIFAB access doors are always readily available and easy to install. That’s why I only use MIFAB access doors. I use hundreds of MIFAB doors each year.”</i></p> <p>– Laine West, Owner, WWF Contractors, Rancho Cordova, CA</p>	

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 MI-300 (page 10)	 MI-300-BP (page 11)	 MI-300-ENC (page 11)	 MI-300-DU (page 12)	 MI-350-DU (page 12)
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 CL-NPB (page 24)	 WHB (page 25)	 WHS (page 27)	 MI-TEMP-NPB (page 28)	 THERMOSTATIC MIXING VALVES (page 28)
CROSS REFERENCE (page 34)	TERMS AND CONDITIONS (page 36)	MIFAB® BINDER AND PRICE BOOKS (page 37)	<p><i>“After 7 years and thousands of MR-500s purchased we have never had one fail.”</i></p> <p>– Nolan Johnson, Purchasing Manager, Hubbard Supply, Inc., Fayetteville, NC</p>	

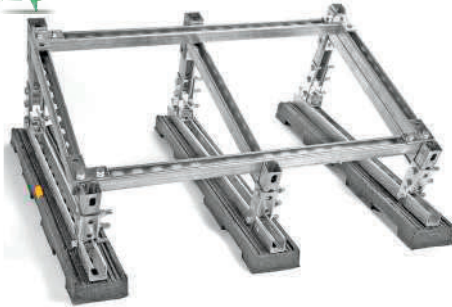
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 <p>CXW - WIDEBODY RUBBER SUPPORT (PAGE 4)</p>	 <p>CW - WIDEBODY SERIES WITH 1 5/8" x 13/16" GALVANIZED CHANNEL (PAGE 4)</p>	 <p>CGW-E and CGW-T - WIDEBODY GASKET SERIES (PAGE 5)</p>	 <p>CE - EXTENSION SERIES (PAGE 6)</p>
 <p>CEW - WIDEBODY EXTENSION SERIES (PAGE 6)</p>	 <p>CRM - ROLLER SERIES, SMALL BASE (PAGE 7)</p>	 <p>CR - ROLLER SERIES, REGULAR BASE (PAGE 7)</p>	 <p>CRE - EXTENDED ROLLER SERIES, REGULAR BASE (PAGE 8)</p>
 <p>CREW - EXTENDED ROLLER SERIES, WIDEBODY BASE (PAGE 8)</p>	 <p>CB - BRIDGE SUPPORT SERIES w/ TWO CX SERIES SUPPORTS AND 1 5/8" GALVANIZED CHANNEL (PAGE 9)</p>	 <p>CES - MEDIUM LOAD SERIES (PAGE 9)</p>	 <p>CESHW12 - WIDEBODY, HEAVY LOAD SERIES (PAGE 10)</p>
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 <p>CS - 1 5/8" STEEL CHANNEL SERIES w/ 6" ADJUSTABLE 1 7/8" x 1 7/8" SQUARE LEG (PAGE 14)</p>	 <p>CZ - SEISMIC SERIES (PAGE 14)</p>	 <p>AP - AIRPORT SUPPORT SYSTEM (PAGE 15)</p>	 <p>CSE - COPPER TUBE AND STEEL PIPE SUPPORT (PAGE 15)</p>
 <p>CP - PLATFORM SERIES (PAGE 16)</p>	 <p>CMPW - MECHANICAL PLATFORM SERIES (PAGE 17)</p>	 <p>LOADING CHART (PAGE 18)</p>	<p><i>"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 Representation is great!"</i></p> <p align="right">-Mike Bright, Arizona Pinnacle Engineering</p>

CP - PLATFORM SERIES



**Environmentally Friendly
made from 100% recycled tires**



**Specification:
Dimensions**

Base - 2" High x 5" Wide x 36" Length
Platform: 24" Wide x 36" - 72" Length

Material

Base - 100% recycled rubber, UV resistant
Platform: Galvanized steel

Maximum Load - 600 lbs.

Function: The CP Series is designed as a non-penetrating lightweight to bring to level platform surface. It is used for air conditioning, air condensing units, HVAC, and other electrical units. Free-flow leg system allows water passage. Other features include: prohibits moss and mold growth, easy to install, easy movement brackets that are suitable for all types of equipment, and adjustable. Consult roofing manufacturer or engineer for roof loading.

MODEL #	WIDTH (W)	LENGTH (L)	BASE LENGTH	QUANTITY	WEIGHT
CP36-2436	24" (610)	36" (914)	36" (914)	2	67.08 lbs.
CP36-2448	24" (610)	48" (1219)	36" (914)	2	70.92 lbs.
CP36-2472	24" (610)	72" (1829)	36" (914)	3	102.50 lbs.

ROOF TOP SUPPORT SOLUTION

**POINT OF PURCHASE FLOOR
DISPLAY - HOLDS 62 C10'S**



Part No. CPORT-POP DISPLAY

At your local wholesaler or distributor!

"Our C-PORT display has been a huge success for our Branch, Our customers are happy to know we stock this product and that it is in stock for immediate use."

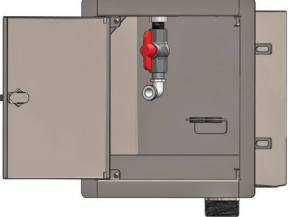
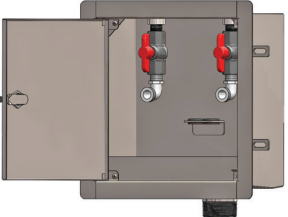
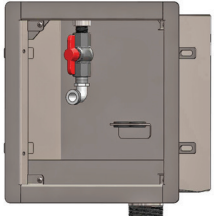
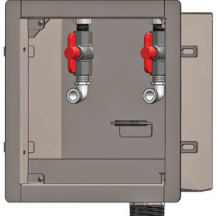
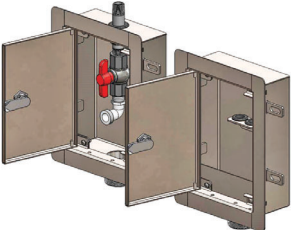

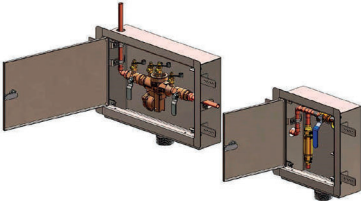
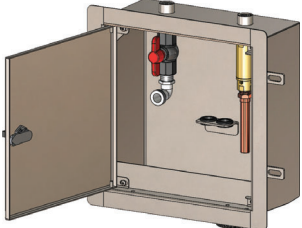
– Jim Watson, Operations Manager, Spec Sales

**COUNTERTOP DISPLAY WITH
REMOVABLE C10**



Part No. CPORT-DISPLAY

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 <p>MI-DIAL-LD (pg. 6)</p>	 <p>MI-DIAL-2-LD (pg.7)</p>
 <p>MI-DIAL-DB (pg. 8)</p>	 <p>MI-DIAL-CB (pg.9)</p>
 <p>MI-DIAL-BPS (pg. 10)</p>	 <p>MI-DIAL-MR (pg. 11)</p>



Custom Fabrication

WELDING

At MIFAB's Chicago warehouse, we manufacture custom and standard interceptors, access doors, trench drains, dialysis boxes, custom drainage products and more. We are equipped with welding stations that process both MIG and TIG welding for clean and sharp welds.

LASER CUTTING

Our laser machine has 60" x 120" dual tables that are auto switching to allow one sheet to be cut while the other is unloaded, providing maximum efficiency in processing different cuts. We have press brakes that have both auto tooling clamping and seating to save production time.

EPOXY COATING

Once products are lasered and welded, they go to the epoxy coating line. We use a powder spray booth with electrostatic spraying, so products have a consistent thickness and ensure all components are fully covered. The acid resistant powder epoxy coating we use protects the steel and increases the life of our products.

IN HOUSE ENGINEERING TEAM

MIFAB's all-star engineering team can quickly and accurately assist with any of your custom fabrication needs. Our in-house engineering team is composed of eight full-time team members who have experience in a multitude of different areas.

MIFAB's engineers are trained to provide custom fabrication designs and our Technical Support Engineering Team is available to assist with any custom fabrication inquiries. However simple or complex your project is, we got you!

SPECIFICATION WEBSITES

Find MIFAB specification listings and/or CAD/Revit files on the below websites.

4Specs: 4specs.com

AD eCommerce: adhq.com

ARCAT: arcat.com

BSD: bsdspeclink.com

BIMObject: bimobject.com

MasterSpec: productmasterspec.com

Trimble Services: mep.trimble.com

MIFAB WEBSITE:
WWW.MIFAB.COM



BUYING GROUPS

MIFAB is a member and has rebate programs with the below buying groups.

USA

Affiliated Distributors (AD)

Commonwealth Group (TCG)

IMARK Group

CANADA

Affiliated Distributors

Canaplus

OCTO



WHOLESALEERS

MIFAB also has rebate programs with the below wholesalers.

Ferguson

Hajoca

Reece

Winnelson



ONLINE COURSES

MIFAB offers the below training video courses.

BlueVolt: go.bluevolt.com/mifab

Earn "BlueBucks" for completing any of the below courses and exchange for cash prizes.

- | | |
|-------------------|--------------------------|
| Area Drains | Quick Hub Couplings |
| LIL-MAX Extension | ROOFGUARD Roof Dome |
| MI-GARD | Shift + Lift: Universal |
| MR-500 | Water Closet Carrier Kit |

ASPE/CEU: aspe.org

Earn ASPE accredited engineer hours for completing one of the below courses.

- Automatic Control Valves
- The Importance of Backflow
- Guide to Interceptors
- Guide to Siphonic Drainage
- Trap Seal Primers Overview



OTHER ASSOCIATIONS

MIFAB is also a member of the below associations.

American Institute of Architects:
(AIA): aia.org

American Supply Association
(ASA): asa.net

Association of Independent Manufacturers' /
Representatives
(AIM-R): aimr.net

American Society of Plumbing Engineers
(ASPE): aspe.org

Design-Build Institute of America
(DBIA): dbia.org

Mechanical Contractors Association of
America
(MCAA): mcaa.org

Plumbing-Heating-Cooling Contractors
Association **(PHCC): phccweb.org**

Southern Wholesalers Association
(SWA): swa.org



Catalogs



MPB-2022-USA
SPECIFICATION
DRAINAGE
PRODUCTS
(LIT-067)



CLPB-2022
LIGHT COMMERCIAL
DRAINAGE PRODUCTS
(LIT-048)



AD-2022-USA
ACCESS DOORS
ACCESS DOORS
(LIT-043)



BEECO-2022
BACKFLOW PREVENTERS
AND ACCESSORIES
(LIT-071)



NH-2022-06
NO HUB COUPLINGS
COUPLINGS
CATALOG
(LIT-044)



TDPC-2023
POLYMER CONCRETE
TRENCH DRAINS
(LIT-076)



TD-2023
GRP & STEEL
TRENCH DRAIN
SYSTEMS
CATALOG
(LIT-046)



TDSD-2023
SHOWER DRAIN
CATALOG
(LIT-077)



TDSS-2023
STAINLESS STEEL
TRENCH DRAINS
(LIT-072)



ROOFGUARD-2020
ROOFGUARD ROOF
DOMES
(LIT-058)



C-PORT-2023
ROOFTOP RUBBER
PIPE SUPPORTS
(LIT-047)



DB-2022
DIALYSIS BOXES
(LIT-070)



HYDROMAX-2020
SIPHONIC ROOF
DRAINAGE SYSTEMS
(LIT-062)



INT-2023
INTERCEPTORS & ACID
NEUTRALIZATION TANKS
(LIT-095)



TSP-2022-08
TRAP SEAL
PRIMERS
(LIT-062)



A close-up of a square, brushed metal drain cover with a grid of rectangular holes. The word "MIFAB" is embossed in the center. A small circular hole is visible in the top right corner.

MIFAB


A close-up of a round, brushed metal drain cover with a pattern of curved, parallel slats. The word "MIFAB" is embossed in the center. Two small circular holes are visible near the top edge.

MIFAB

THE MIFAB LOOK BOOK

A stack of several round, brushed metal drain covers with a curved slat pattern. The word "MIFAB" is embossed on the top cover.

MIFAB

A close-up of a rectangular, brushed metal drain cover with a pattern of vertical and horizontal slats. A small circular hole is visible in the bottom left corner.

LIT-106