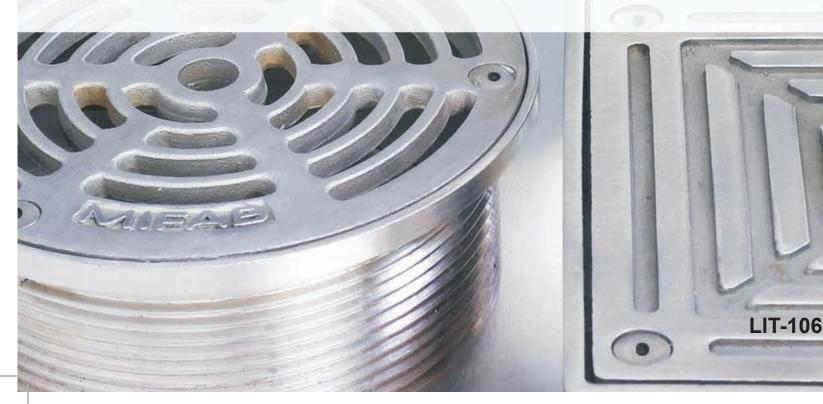


# THE MIFAB LOOK BOOK







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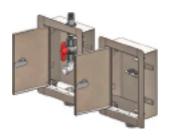
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Design and dimensions are subject to modification. Prices do not include applicable taxes.

**Water Hammer Arrestors** 

**C-PORT Roof Supports** 

**Custom Fabrication** 

**Additional Resources** 

**Hydrants** 

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Quick Hub

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O4 Drainage Products

Hose Bibbs
Hydrant Boxes

MIFAB Modular System

Retrofit Top Sets
New Installation Top Set Floor Drain

Floor Sinks

**PVC Floor Sinks** 

Special Duty Covers

Do you need a clamp?

RoofGuard

**Roof Drains** 

Planter Podium Drain

**MEA Trench Drains** 

**Shower Drains** 

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MC-41 Concealed Arm Lavatory Carrier

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Barracuda: Backflow Preventers

Pressure Reducing Valves, Strainers, Gate Valves, Gauges, Check Valves, Pressure Vacuum Breakers MI-CONTROL, Thermal Expansion Control Valve



# **Quick Hub**

# No Hub Couplings

No need to peel off gasket! Simply place on pipe





## **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.

#### **LOOK BOOK LIT-106**

#### **REGULAR AND HEAVY DUTY NO HUB COUPLINGS**

REGULAR DUTY SHIELDED NO HUB COUPLINGS - MI-HUB SERIES



**REGULAR DUTY** QUICK HUB - MI-QHUB SERIES



X = Do not remove the gasket from the shield

HEAVY DUTY SHIELDED NO HUB COUPLINGS - MI-XHUB SERIES



HEAVY DUTY QUICK HUB - MI-QXHUB SERIES



X = Do not remove the gasket from the shield

#### FLEXIBLE COUPLINGS



MI-FLEX



MI-FLEX-CC



MI-FLEX-CL



MI-FLEX-CON



MI-FLEX-SO



MI-FLEX-DISH



MI-FLEX-AH



MI-FLEX-CLAY



MI-FLEX-SOS



MI-EC





MI-ELB



MI-EC-HB



MI-JS



MI-SCON



MI-TEE



MI-FLEX-DTC



#### TRANSITION AND REPAIR COUPLINGS



**POG-SW** 



MI-HUB-ARC



MI-HUB-ARC-CL



MI-HUB-ARC-DI



MI-TORQUE



MI-FLEX-EXP



MI-HUB-TRS



MI-HUB-TRC



MI-HUB-TRP



MI-HUB-TRCC



MI-HUB-TR



MI-HUB-TRT



MI-HUB-TRTW



MI-FT



MI-SEW

"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

**WWW.MIFAB.COM** 



# **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 differ nt 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

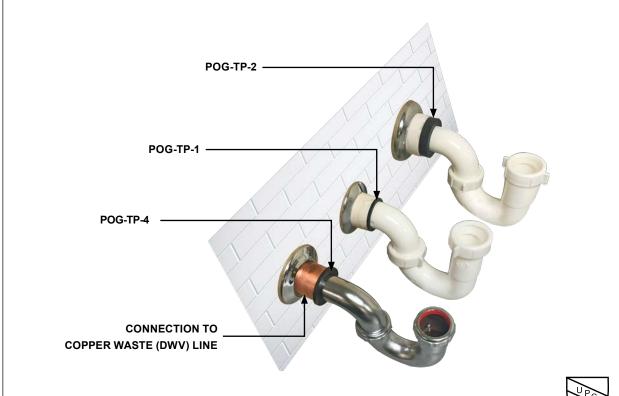


1 1/2" PVC Waste (DWV) | 1 1/2" Copper Waste (DWV) Line to 1 1/4" Tubular



to 1 1/4" Tubular

MODEL NUMBER	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.



#### THE MIFAB MODULAR SYSTEM



#### **Floor Drain**



#### **Area Drain**



#### **Roof Drain**



#### Cleanout

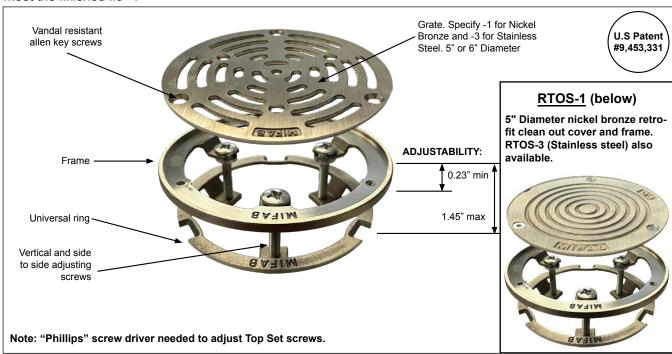


RTS

# 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 flo



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

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

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

#### Drains that are below grade, crooked or broken. The RTS and the RTOS are your answer.







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 reserves the right to make changes in material and design without formal notice and obligation.

USA: 1-800-465-2736 www.mifab.com CAN: 1-800-387-3880



**Top Set** 

# 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...

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

#### U.S. PATENT #9,453,331



F1100-C-TS (CAST IRON BODY)
Also available in round and square models
and clean-outs.

F220-TS-WF (PVC BODY)
Also available in round and square
models and clean-outs.

#### 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 1/4" 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



**RTS5-1** 

**WWW.MIFAB.COM** 

#### **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, nickle 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





#### GRATE

Furnished A.R.E.-coated cast iron, stainless steel or nickel bronze. Each is ultimately designed for smooth flow into the drain body. Regularly furnished with a full grate, also available are half grate and three-quarter grates. (See page 98 bottom right corner for MIFAB's

unique 3 in 1 nickel bronze and stainless steel floor sink design).

#### **MEMBRANE CLAMP**

Provided for applications in finished floors which incorporate a waterproofing membrane. Used to secure the membrane to the drain body, the flashing clamp provides a watertight seal at the drain.



Minimizes splashing as well as preventing debris from entering the drainage lines. The dome also allows for maximum water flow.

#### TOP

Available in round or square in a variety of sizes and materials, each of which allows maximum flow, sanitation and serviceability. See individual series for proper selection.

#### **WEEPHOLES**

Provided when the body is specified with a flange. Weepholes allow for the drainage of entrapped water which seeps down the outside of the body.

#### BODY

Cast iron with A.R.E. coating inside giving a smooth finish which allows for easy drainage as well as increased sanitation. Easily cleaned because of the smooth finish, the drains are highly functional as well as aesthetically pleasing.

# 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.

7



SUFFIX DESCRIPTION

-175 Three Quarter Grate

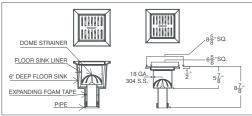
# Drainage: Floor Sink Replacement Stainless Steel Liner

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.

#### F\$1970 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.



EXPANDING FOAM 1				87/8"
MODEL NO.	PIPE SIZE	WT. Lbs.	FREE AREA	
FS1972	2"	5	12.30"	
FS1973	3"	5	12.30"	
FS1974	4"	5	12.30"	

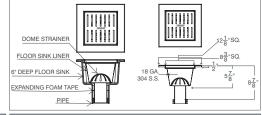


#### F\$1980 12" x 12" x 6" REPLACEMENT STAINLESS STEEL FLOOR SINK LINER

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.

Sediment Bucket (FS1500-PB)
Less Stainless Steel grate (deduct)



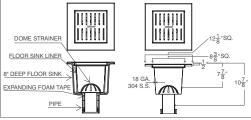
		FIFE	<b>——</b>		_E
OPTIONAL VARIATIONS					
SUFFIX	DESCRIPTION	MODEL NO.	PIPE SIZE	WT. Lbs.	FREE AREA
-5	Sediment Bucket (FS1700-PB)	FS1982	2"	6	22.00"
-22	Less Stainless Steel grate (deduct)	FS1983	3"	6	22.00"
-150	Half Grate	FS1984	Λ"	6	22.00"
-175	Three Quarter Grate	101304	4	0	22.00



#### F\$1990 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.



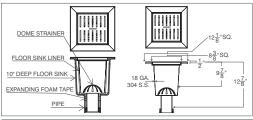
OPTIONAL VARIATIONS					
SUFFIX	DESCRIPTION	MODEL NO.	PIPE SIZE	WT. Lbs.	FREE AREA
-5	Sediment Bucket (FS1700-PB)	FS1992	2"	7	22.00"
-22	Less Stainless Steel grate (deduct)	FS1993	3"	7	22.00"
-150	Half Grate	FS1994	Λ"	7	22.00"
-175	Three Quarter Grate		7	'	



#### F\$2000 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.



OPIIONA	L VARIATIONS	
SUFFIX	DESCRIPTION	
-5	Sediment Bucket (FS1700-PB)	Γ
-22	Less Stainless Steel grate (deduct)	Г
-150	Half Grate	H
-175	Three Quarter Grate	L

Ш				
][	MODEL NO.	PIPE SIZE	WT. Lbs.	FREE AREA
][	FS2002	2"	7	22.00"
4[	FS2003	3"	7	22.00"
$+ \lceil$	FS2004	4"	7	22.00"



**WWW.MIFAB.COM** 



#### **PVC Floor Sinks**

#### 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 Wheeless, Midsouth Plumbing and Electric Supply, Jonesboro, AR

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# FS520-30 & FS720-30

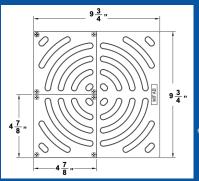
# **PVC**

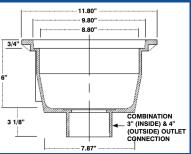
#### **FLOOR SINKS**

# The PVC Floor Sink systems offers following:

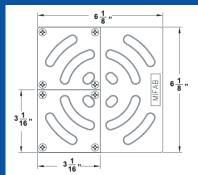
- 2", 3", 4" All In One
- 3 in 1 sectional grate design, with removable quarter sections
- 6" Deep sink
- High chemical resistance
- Light weight
- Bottom dome strainer
- Available with Nickel Bronze & Stainless Steel grates

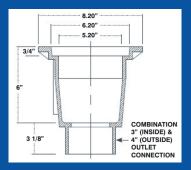












## Available in the following

		MODEL NO.	OUTLET SIZE
		FS722-30	2" SOCKET
	12" SQUARE	FS723-30	3" SOCKET
		FS724-30	4" SOCKET
		FS522-30	2" SOCKET
١	8" SQUARE	FS523-30	3" SOCKET
		FS524-30	4" SOCKET

NOTE: 4" OUTLET SOCKET CONNECTION BODY FITS OVER 4" PVC PIPE AND INTO 3" PVC PIPE. 2" ADAPTOR INCLUDED.

#### **PVC SINK FEATURES**

- · Sanitary design.
- Excellent resistance to chemicals and acids contained in fruits, vegetables and fats.
- Smooth uniform surface for easy cleaning.
- Will not chip or rust.
- Light weight for easier handling, installation and transportation.



# SPECIAL DUTY LOAD RATED CLEANOUT TOP

#### The perfect cleanout for the industrial warehouse environment.



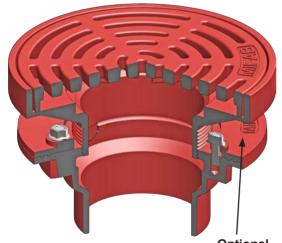
#### **KEY ADVANTAGES:**

- "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

#### **HEEL PROOF GRATE**



F1320-C illustrated

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 are drain by simply swapping strainer.
- Use with or without membrane clamp. Save money by not using the membrane clamp.
- MIFAB grates are standard DUCTILE IRON not cast iron.



# **DYNAC?**

(Do you need a clamp?)

Except for MIFAB, the specification drain manufacturers **require** a membrane clamp in most, if not all of their floor and area drains **to receive** fixed (non-adjustable) or adjustable top assemblies.

Most floor and area drains are installed in "slab on grade" areas where no waterproofing membrane is required. The MIFAB body design incorporates a female thread to accept adjustable top assemblies up to 9" diameter or 8" square and lugs on the larger bodies which receive top assemblies 12" diameter and larger.

# THIS FEATURE SIGNIFICANTLY REDUCES THE INSTALLED COST OF MOST FLOOR AND AREA DRAINS BECAUSE THE INSTALLER CAN AVOID USING AND PAYING FOR THE MEMBRANE CLAMP.

When MIFAB drains are installed in waterproofed areas, an optional (Suffix -C) membrane clamp is available.

Non membrane floors (no waterproofing) (90% of "on grade" applications)

Membrane floors (with waterproofing (10% of applications)



WITH MEMBRANE CLAMP



Specify MIFAB'S floor drains with heavy duty stainless steel strainer **FOR THE SAME PRICE** as conventional floor drains wit membrane clamps and light duty nickel bronze strainers.





#### **POLYETHYLENE ROOFGUARD**

# Model RG2016DD illustrated TOP BODY MOUNTING COLLAR ATTACHMENT PODS U.S. Patent # D803992 Model # RG2016DD

12.25"

CAST IRON

ROOFGUARD

ZURN. JR SMITH.

CAST ÍRON

WADE, JOSAM, WATTS

OR MIFAB CAST IRON DRAIN BODY

ROOFGUARD BOLTED TO THE JASAWAZ ROOF DRAIN BODY

(MODEL#RG2016DDC)

# MAKE ROOF DRAINS UNCLOGGABLE APPLICATIONS:

\* Ideal to replace existing roof drain domes on the roofs of schools, warehouses, factories, offic buildings and any other building that has standing water on the roof due to clogged roof drain domes.

#### RoofGuard ELIMINATES STANDING WATER:

- Patented design increases surface area by up to 5x or more making a RoofGuard protected drain virtually uncloggable. RoofGuard SAVES \$\$
- RoofGuard works 24/7.
- · Eliminates leaks and costly repairs caused by clogged drains.
- RoofGuard will replace any Roof Drain Dome Strainer up to 15" in diameter.
- · Installation is fast, simple, and requires no tools.
- · Removable Top allows easy access to drain and piping without detaching RoofGuard.

#### **INSTRUCTIONS:**

- Clean and remove all dirt, debris, and other loose material in area around the drain where RoofGuard is to be installed. After cleaning, if the area is wet dry it off removing as much moisture as possible.
- · Remove and dispose of current drain dome strainer.
- Turn RoofGuard over and fill the Attachment Pods with an exterior adhesive such as Chemlink M-1 or equal. Make sure the Pods are completely full and over flowing with adhesive to properly bond.
- Turn RoofGuard over to install over the drain. Press firmly on top of the Attachment Pods to ensure good adhesion to the roof surface.



Illustration of 6 pack polyetheylene RoofGuard counter display. Part # RG2016DD-6



RoofGuard - Polyetheylene scupper drain. Model # RG2016DG

#### **CAST IRON ROOFGUARD**

In applications where a cast iron RoofGuard is preferred, MIFAB's model number RG2016DDC cast iron RoofGuard is ideal.

#### **APPLICATIONS:**

\*Ideal to replace existing roof drain domes on the roofs of schools, warehouses, factories, offic 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.
- 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

MODEL#	DESCRIPTION
RG2016DD	Polyetheylene RoofGuard
RG2016DD-6	Polyetheylene RoofGuard, 6 pack
RG2016DDC	Cast Iron RoofGuard
RG2016DG	Polyetheylene Scupper RoofGuard

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

U.S.

Patent #

D803992

**HS-19** 

**HARDWARE** 



# **Replacement Roof Drains**

#### **RFD**

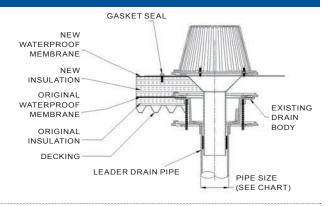
#### REPLACEMENT ROOF DRAIN

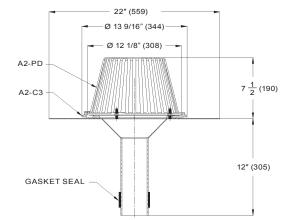
Manufactured from 16 gauge steel with an acid resistant powder epoxy coating on bearing pan and funnel body. Furnished with poly dome strainer, dome receiver with integral gravel guard and gasket seal.



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

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



MI-SCOV-W-8 - top view

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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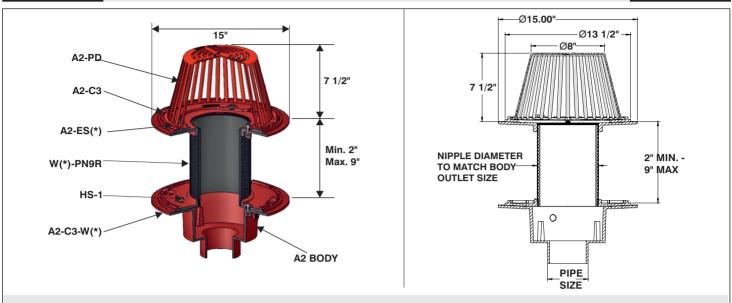
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R1200-ES

# LARGE SUMP ROOF DRAIN WITH EXTENSION FOR 2" – 9" INSULATION WHEN BODY IS POURED INTO THE DECK

R1200-ES

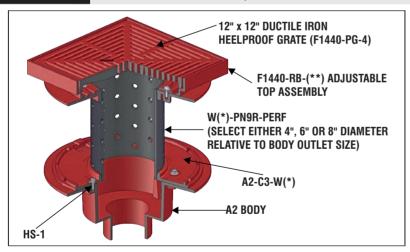


The -ES adjustable extension can be moved up and down in the A2 body (2" to 9") to meet the required insulation thickness on top of the roof deck.

## R1200-RB

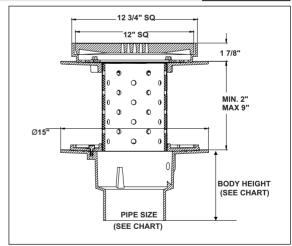
# LARGE SUMP DECK DRAIN WITH ADJUSTABLE EXTENSION AND 12" x 12" HEELPROOF, ROTATABLE TOP ASSEMBLY

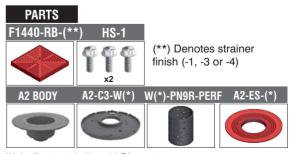
R1200-RB



The nipple can be adjusted up and/or down to the desired height. Separately, the top assembly can be rotated to match the tile pattern.

R1200-RB is also available with 12" round top assembly. (Suffix -R same list prices as square model).





(\*) Indicates 4", 6" or 8" Diameter

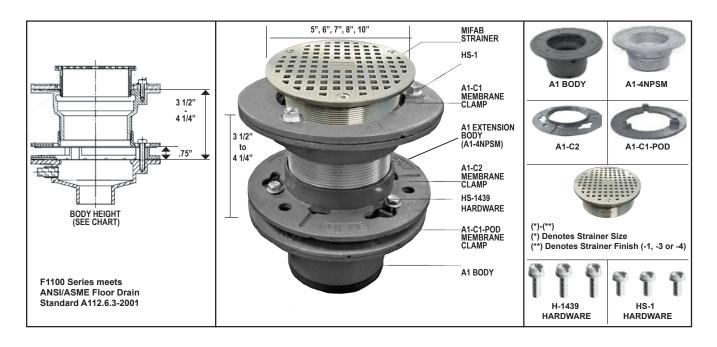


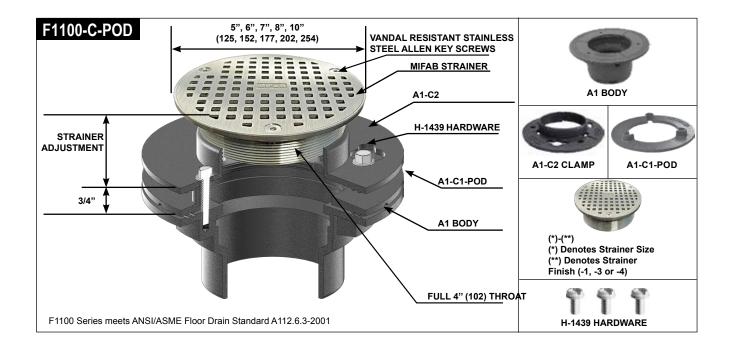
## **Drainage: Planter Podium Drain**

## 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.





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# TRENCH DRAINS FEATURES AND BENEFITS

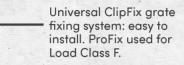
(3)

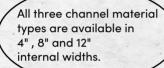


**BUILDING SUCCESS** 









Lightweight channels weigh 75% less than Polymer Concrete equivalents.

В

T1400-REB (2) rebar installation devices provided with every GRP channel. Available in long lengths for ease of installation and reduced joints.

# 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".

# Glass-Fiber Reinforced B Polyester (GRP) Channels

#### Material:

High strength and more stable than HDPE and polypropylene. Expands and contracts similar to the concrete ancasement.

#### 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".

Pour board and two installation devices provided with every channel

#### 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.

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:

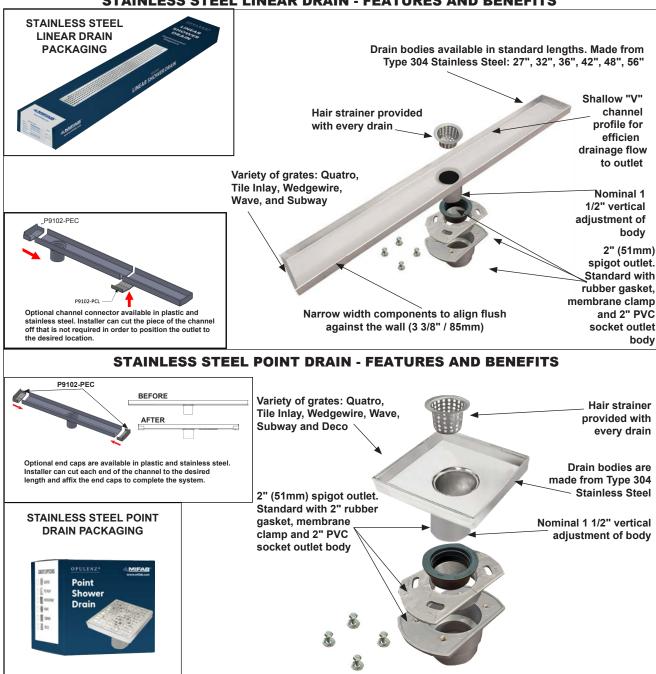
Installation Devices Sloping and non-sloping channels

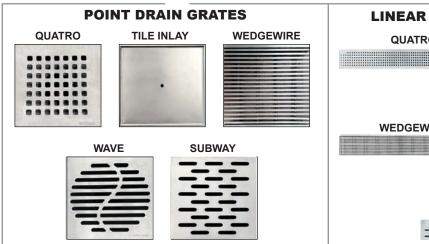
Interchangeable Grates using "ClipFix" grate fixing system (Load Class A-E)

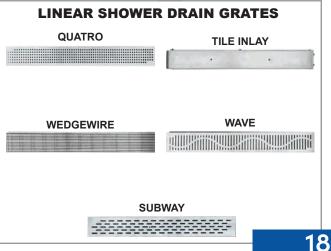


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#### STAINLESS STEEL LINEAR DRAIN - FEATURES AND BENEFITS







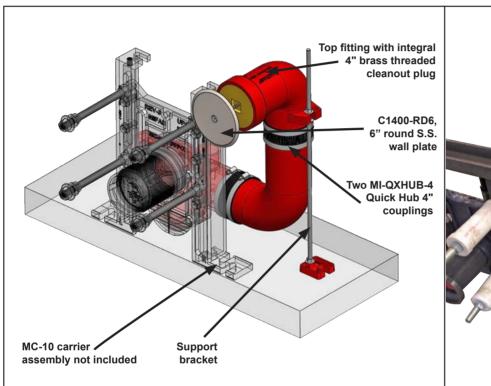


#### MC-10-CO

#### WATER CLOSET CARRIER CLEANOUT ASSEMBLY

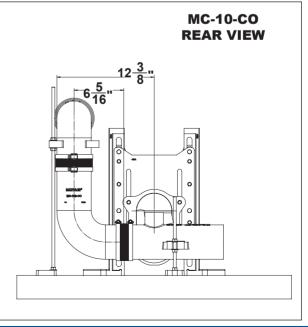
Save time and money by installing the MIFAB MC-10-CO water closet carrier cleanout assembly. This eliminates the need to source and assemble several additional parts. Five no hub couplings are reduced to two. The 4" threaded brass cleanout plug is built into the top fitting instead of having to order 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





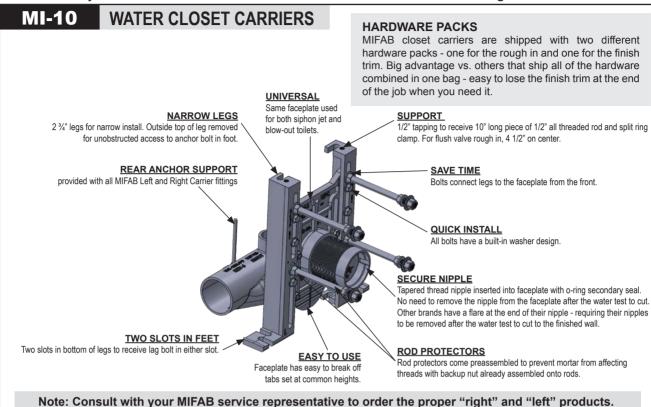
# MC-10-CO FRONT VIEW 10 \( \frac{3}{16} \) 15 \( \frac{3}{4} \) 25 \( \frac{3}{16} \) MAX 18 \( \frac{7}{16} \) MIN

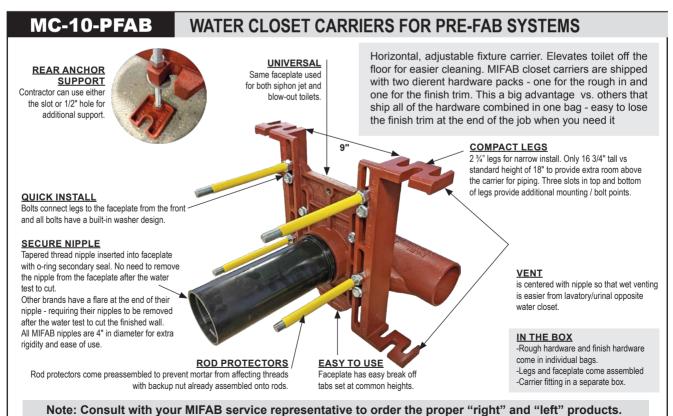




#### FIXTURE CARRIERS

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





Design and dimensions are subject to modification. Prices do not include applicable taxes.



#### MC-41

#### **UNIVERSAL LAVATORY CARRIER**

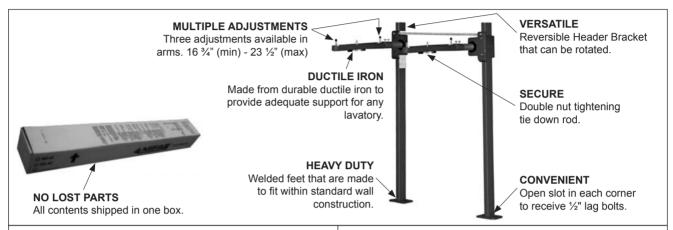
Single Carrier with Concealed Arms. Floor mounted concealed arm lavatory carrier with lacquered, adjustable, ductile iron concealed support arms.

#### **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 int the nipple.

#### **ADDITIONAL FEATURES**

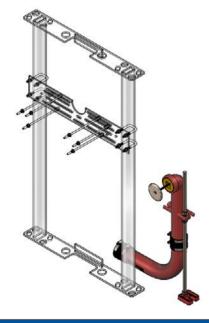
- Other manufacturers require different arms for different sink sizes.
- Hardware always assembled onto arms with bag around each arm to prevent loose hardware.



#### MC-31-CO

Save time and money by installing the MIFAB MC-31-CO urinal carrier cleanout assembly. This eliminates the need to source and assemble several additional parts. The 2" threaded brass cleanout plug is built into the top fitting nstead of having to order a separate part. The stainless steel wall plate is included with screw. The MC-31-CO ships complete in a box with the following components:

1) 2 pieces of the MI-QXHUB-2 Quick Hub couplings, 1 quarter bend fitting for the b ottom, 1 top fitting with in tegral 2" brass threaded cleanout plug, 1 support bracket for assembly and one 3" round stainless steel wall plate with screw to assemble onto the finished wall.



#### MC-41-CO

Save time and money by installing the MIFAB MC-41-CO urinal carrier cleanout assembly. This eliminates the need to source and assemble several additional parts. The 3" threaded brass cleanout plug is built into the top fitting nstead of having to order a separate part. The stainless steel wall plate is included with screw. The MC-41-CO ships complete in a box with the following components:

1) 2 pieces of the MI-QXHUB-3 Quick Hub couplings, 1 quarter bend fitting for the b ottom, 1 top fitting with in tegral 3" brass threaded cleanout plug, 1 support bracket for assembly and one 4" round stainless steel wall plate with screw to assemble onto the finished wall.

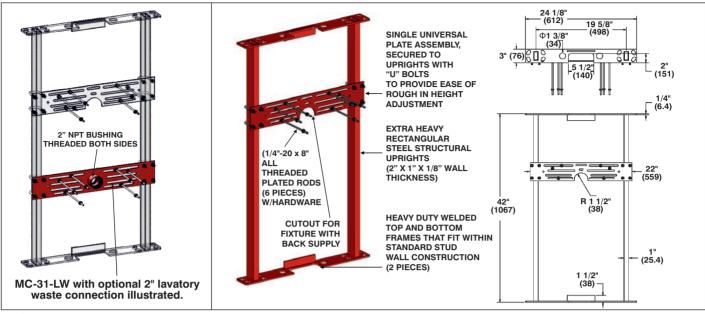


Design and dimensions are subject to modification. Prices do not include applicable taxes.



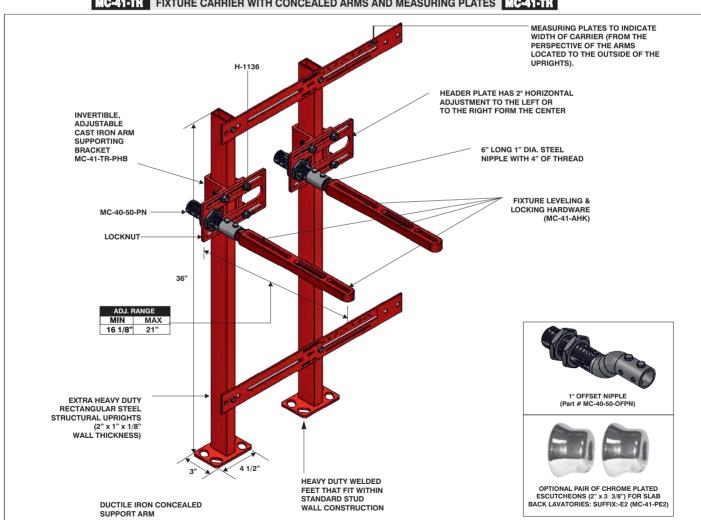
#### SINGLE HANGER PLATE CARRIER WITH ONE PIECE FRAME

MC-31



NOTE: Foot supports should be securely anchored to floor with 1/2" bolts and anchors by others

#### MC-41-TR FIXTURE CARRIER WITH CONCEALED ARMS AND MEASURING PLATES MC-41-TR



 $\textbf{NOTE:} \ \ \text{Foot supports should be securely anchored to floor with } 1/2\text{"} \ \ \text{bolts and anchors by others}$ 

Design and dimensions are subject to modification. Prices do not include applicable taxes



# SHIFT **AND LIFT**

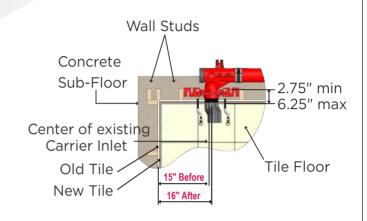
OFFSET THE FIXTURE WITHOUT TEARING OUT THE WALL AND CARRIER!





#### 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**



5/8" hardware rods and 4" ABS offset nipple

#### Available in three adjustments

- ½" Adjustment Part #: MC-10-PN8R-31-SL-50
- ¾" 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 15" and 16" 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** 

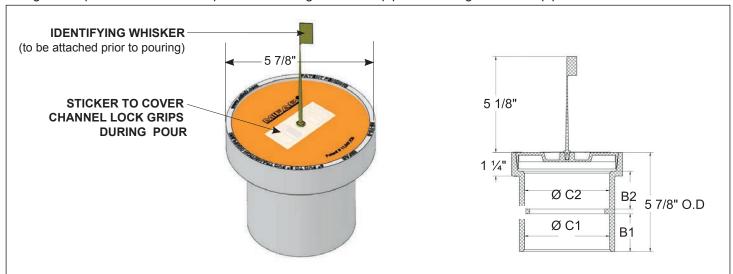


**TOP VIEW** 



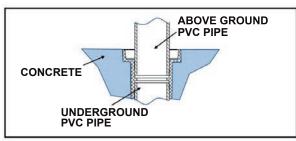
# Transition fittings for underground to above ground PVC pipe Tilt Up Construction

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 guides 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 LID TO COVER **COUPLING DURING CONCRETE POUR** CONCRETE **PVC SOCKET PVC SOCKET CONNECTION TO FITTING RECEIVE UNDERGROUND PIPE**

#### 2. REMOVE AND ATTACH THE UPPER PIPE



#### WITHOUT MI-TR MINIMUM DIM IS...





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

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#### **HDPE Interceptors**

# 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:**

- X latatime
- × 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** 

**WWW.MIFAB.COM** 



# 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
- $\cdot$  Units are PDI approved

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# **HDPE Interceptors**

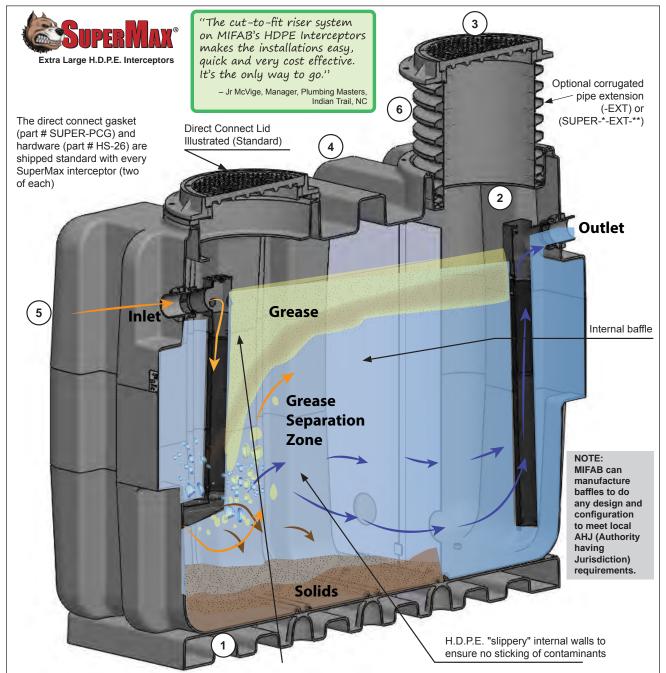


# ADS Corrugated Pipe Extension

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.



Since 1982, MIFAB® has been manufacturing grease interceptors. Forty 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.



MIFAB®'s 40 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 efficien . Flow entering the MIFAB® interceptor is directed to the bottom by the inlet baffl 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 baffl directs the incoming waste water sideways into the interceptor for the most efficien laminar flo . The baffl also serves to reduce the velocity and surge of inflo , providing sufficien retention time for effective separation of the grease. The grease rises to the surface for manual or pump out removal and the baffl 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 intercepto .

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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## **HYDROMAX Siphonic Drainage**

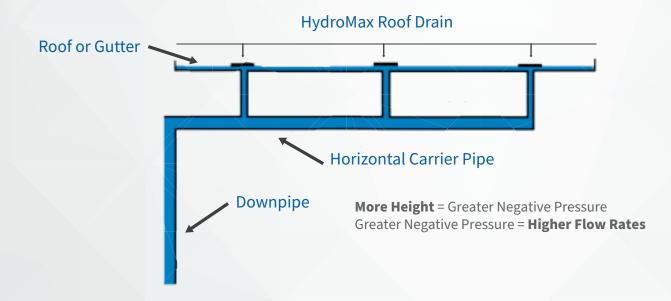


#### What is Siphonic Drainage?

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.

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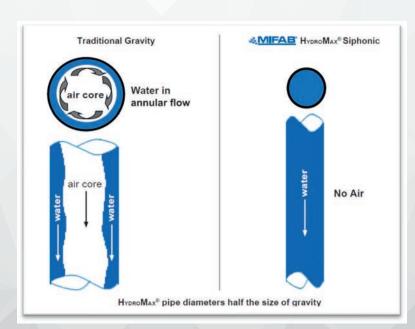
Siphonic drainage uses the natural height of the building to generate a negative pressure which makes a siphon effect on the roof having the drain act as a "shop vac". Siphonic drainage is the same concept as taking gas out of your dad's car. "Put the hose in and start sucking, once the fluid starts 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 2/3<sup>rd</sup>'s air mixing with 1/3<sup>rd</sup>'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.



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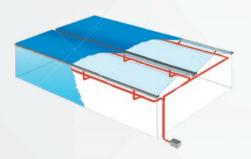


## **HYDROMAX Siphonic Drainage**



#### 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



#### **Gravity Layout**

- x 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	to the same of the same of		4" Drain	and the same		5" Drain	100 110 1100		6" Drain	
Depth	Gravity	HydroMax*	Depth	Gravity	HydroMaxe	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	a second	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	

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# **HYDROMAX Siphonic Drainage**



#### 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

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**BEECO: Backflow** 





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



## **BEECO: Accessories**

#### 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





# **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 ½"	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/,"	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/,"	20



#### **DIELECTRIC UNIONS**

#### GALVANIZED, FEMALE IRON PIPE BY COPPER

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 ½"	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







#### **BEECO: Accessories**

#### **HOSE CONNECTION VACUUM BREAKERS**

#### HOSE CONNECTION ATMOSPHERIC VACUUM BREAKER

MODEL NO.	SIZE	QTY/CTN.
HVB.75F-X75M- CP-LL	3/4"	1
HVB.75F-X75M- RB-LL	3/4"	1



#### **SELF DRAINING VACUUM BREAKERS**

#### SELF DRAINING HOSE VACUUM BREAKER

MODEL NO.	SIZE	QTY/CTN.
HBVBSD.75-CP-LL	3/4"	1
HBVBSD.75-RB-LL	3/4"	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	1/2"	1
BV.75-IPS-BRZ-LL	3/4"	1
BV1.00-IPS-BRZ-LL	1"	1
BV1.25-IPS-BRZ-LL	1 1⁄4"	1
BV1.50-IPS-BRZ-LL	1 ½"	1



#### PRESSURE VACUUM BREAKERS

BV2.00-IPS-BRZ-LL

#### PRESSURE VACUUM BREAKERS. LOW LEAD AB 1953 COMPLIANT

MODEL NO.	SIZE	QTY/CTN.
PVB.50-QT-LL	1/2"	1
PVB.75-QT-LL	3/4"	1
PVB1.00-QT-LL	1"	1
PVB1.25-QT-LL	1 1⁄4"	1
PVB1.50-QT-LL	1 ½"	1
PVB2.00-QT-LL	2"	1



#### **DUAL CHECK VALVES**

#### HOSE CONNECTION ATMOSPHERIC VACUUM BREAKER

MODEL NO.	SIZE	QTY/CTN.
DCAV.50-NPT	1/2"	1
DCAV.75-NPT	3/,"	1
DCAV.50-SWT	1/2"	1
DCAV.75-SWT	3/4"	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

SIZE	QTY/CTN.
2"	1
2 ½"	1
3"	1
4"	1
6"	1
8"	1
10"	1
12"	1
	2" 2 ½" 3" 4" 6" 8"



**WWW.MIFAB.COM** 

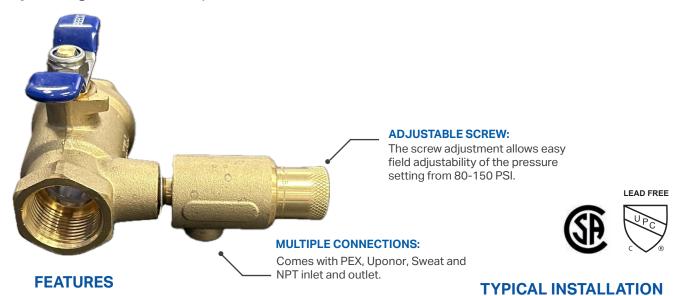


#### **BEECO: Thermal Expansion Control Valve**

#### **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.



- 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**



# COLD WATER HOT WATER MI-CONTROL T AND P VALVE (BY OTHERS) SAFE DRAIN DIRECTION OF FLOW

**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."

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Trap Seal Primers, Floor Drain Trap Seals, Water Hammer Arrestors, Thermostatic Mixing Valves, Dielectric Nipples

#### **CL-NPB**



#### M3-500-NPB



#### MI-DU



#### MI-100



#### THERMOSTATIC MIXING VALVES



#### **MI-GARD**



#### **DIELECTRIC NIPPLES**



"After 7 years and thousands of MR-500s purchased we have never had one fail."

 Nolan Johnson, Purchasing Manager, Hubbard Supply, Inc., Fayetteville, NC

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#### **Hose Bibbs**

#### **HY-9000-NPB**

#### **ROUGH BRASS WALL FAUCET with VACUUM BREAKER**

Illustrated with brown plastic wheel handle







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)

"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



Part # HY-9001 **Brown Plastic Wheel Handle** 



Part # HY-9002 **Clear Plastic Wheel Handle** 



Part # HY-9003 **Cast Iron Wheel Handle** 



Part # HY-9004 **Loose Tee Key** 

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

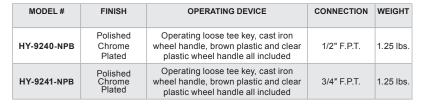
#### **HY-9200-NPB**

#### POLISHED CHROME PLATED WALL FAUCET with VACUUM BREAKER

Illustrated with brown plastic wheel handle



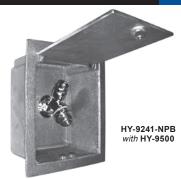




HY-90-RK-NPB	Repair kit for HY-9200-NPB of Hydrants
	A.S.S.E. 1011 Approved Polished Chrome Plated Vacuum Breaker (to replace vacuum breaker on the HY-9240-NPB or HY-9241-NPB)

#### 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



Contractor: Parkview Plumbing

Job location: New York City

MIFAB Sales Agent: DEA Sales

Location: 150 Charles Street, NYC









HY-1000-NPBSWT 1/2" SWT. inlet



HY-1000-NPB Tail 360° swivel inlet





"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

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



#### **C-PORT ROOF TOP PIPE SUPPORTS**



CXM, CXM20, CXH & C5 - SMALL RUBBER SUPPORT SERIES



CXP - RUBBER SUPPORT SERIES



C - RUBBER SUPPORT SERIES WITH 13/16" GALVANIZED STEEL CHANNEL



C510 & C6 - RUBBER SUPPORT SERIES WITH 1 5/8" GALVANIZED STEEL CHANNEL



CXW - WIDEBODY RUBBER SUPPORT



CW - WIDEBODY SERIES WITH 1 5/8" x 13/16" GALVANIZED CHANNEL



CGW-E and CGW-T - WIDEBODY GASKET SERIES



CE - EXTENSION SERIES



**CEW - WIDEBODY EXTENSION SERIES** 



CRM - ROLLER SERIES, SMALL BASE



CR - ROLLER SERIES, REGULAR BASE



CRE - EXTENDED ROLLER SERIES,



CREW - EXTENDED ROLLER SERIES, WIDEBODY BASE



CB - BRIDGE SUPPORT SERIES W/ TWO CX SERIES SUPPORTS AND 1 5/8 GALVANIZED CHANNEL



CES - MEDIUM LOAD SERIES



CESHW12 - WIDEBODY, HEAVY LOAD SERIES



CESW - WIDEBODY, WATER AND STEAM SUPPORT, MEDIUM LOAD SERIES



DS and DSW - DUCT SUPPORT SERIES, EXTRA HEAVY DUTY



DSA10 - DUCT SUPPORT SERIES



DSAW12 - WIDEBODY, DUCT SUPPORT SERIES



CS - 1 5/8" STEEL CHANNEL SERIES w/ 6" ADJUSTABLE 1 7/8" x 1 7/8" SQUARE LEG



CZ - SEISMIC SERIES



AP - AIRPORT SUPPORT SYSTEM



CSE - COPPER TUBE AND STEEL PIPE SUPPORT



CP - PLATFORM SERIES



CMPW - MECHANICAL PLATFORM SERIES

"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!"

-Mike Bright, Arizona Pinnacle Engineering

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#### **C-PORT Roof Top Pipe Supports**

#### **CP - PLATFORM SERIES**

#### 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**

# Recycled Rubber 59" necycled Rubber Roomon Supports

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

**WWW.MIFAB.COM** 

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#### SYNTHETIC DIAMOND GRIP NITRILE DISPOSABLE GLOVES

Specification: MIFAB® synthetic, nitrile, exam grade, disposable gloves with diamond grip for durability and dexterity.

Function: Ideal for plumbing, janitorial, painting and / or automotive. Powder free and chemical resistant. Non latex.



MODEL #	SIZE	QTY (by weight)		
MI-GLV-M	Medium	100 (1 box)		
MI-GLV-L	Large	100 (1 box)		
MI-GLV-XL	Extra Large	100 (1 box)		
CASE QUANTITY				
MI-GLV-M-C	Medium	1000 (1 case, 10 boxes)		
MI-GLV-L-C	Large	1000 (1 case, 10 boxes)		
MI-GLV-XL-C	Extra Large	1000 (1 case, 10 boxes)		

	POWDER FREE
	Diamond texture design
FACTS &	Strong toughness
FEATURES	Fits hand curve
	Provides good identificatio

GLOVE ATTRIBUTES		
DESIGN	Ambidextrous, Non sterile, Beaded cuff	
COLOUR	Black	
SIZE	M, L, XL	

DIAMOND GRIP NITRILE GLOVES			
LENGTH (mm)		Minimum 230 mm	
THICKNESS (mm)	Cuff (mm	Minimum 0.06mm	
	Palm (mm)	Minimum 0.16 mm	
	Finger (mm)	Minimum 0.16 mm	
TENSILE	Before aging	Minimum 15MPa	
STRENGTH (MPA)	After aging	Minimum 14MPa	
ELONGATION(%)	Before aging	Minimum 500%	
	After aging	Minimum 400%	
	М	95 mm	
(+/- 10 mm)	L	110 mm	
	XL	120 mm	
	Medium	6.5 g	
WEIGHT (+/- 0.3 g)	Large	7.0 g	
	X-Large	7.5 g	

STORAGE
Keep out of direct sunlight; store in a cool & dry place.

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



#### **ACCESS DOORS**



SERIES UA UNIVERSAL ACCESS DOOR



SERIES MDW DRYWALL BEAD ACCESS DOOR



SERIES CAD CEILING OR WALL ACCESS DOOR



SERIES CAD-DW
CEILING OR WALL ACCESS DOOR WITH
DRYWALL BEAD



SERIES CAD-PL CEILING OR WALL ACCESS DOOR, PLASTER FINISH



SERIES CAD-FL CEILING OR WALL ACCESS DOOR, FLUSH DOOR WITH FRAME



SERIES CAD-FL-PL CEILING OR WALL ACCESS DOOR, FLUSH DOOR WITH FRAME, PLASTER FINISH



SERIES CAD-FR CEILING OR WALL ACCESS DOOR, FIRE RESISTANT



SERIES MPFR
INSULATED FIRE RATED ACCESS DOOR

 $\mathbf{P}$ 



SERIES MFRU
UNINSULATED FIRE RATED ACCESS
DOOR



SERIES MPFR-DW INSULATED FIRE RATED ACCESS DOOR WITH DRYWALL BEAD FRAME



SERIES MI-SAD MEDIUM SECURITY ACCESS DOOR



SERIES MI-SADH HIGH SECURITY ACCESS DOOR



SERIES MI-FVP FLUSH VALVE PANEL



SERIES MI-SF SURFACE ACCESS DOOR



SERIES MI-VB, MI-VB-SM VALVE BOX



MI-VB-SM WITH OPTIONAL CUT OUT OF DOOR TO ALLOW FOR GLASS OR PLASTIC WINDOW BY OTHERS.



SERIES PA PLASTIC ACCESS DOOR



SERIES FHA, FHG FLOOR ACCESS DOOR



SERIES RHA, RHG ROOF HATCH



LOCKS AND LATCHES



SERIES WID EXTERIOR ACCESS DOOR/ WALK-IN DOOR

"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."

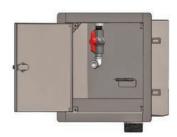
- Laine West, Owner, WWF Contractors, Rancho Cordova, CA





#### **DIALYSIS BOXES**

#### **MI-DIAL**



#### MI-DIAL-2



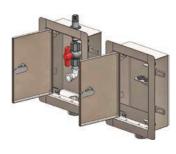
#### **MI-DIAL-LD**



#### MI-DIAL-2-LD



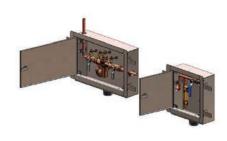
#### **MI-DIAL-DB**



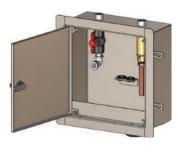
**MI-DIAL-CB** 



**MI-DIAL-BPS** 



**MI-DIAL-MR** 



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#### WELDING • LASER CUTTING • EPOXY COATING • ENGINEERING TEAM

## CUSTOM FABRICATION

#### WELDING

MIFAB is equipped with welding stations that process both MIG and TIG welding for clean and sharp welds.

We can manufacture custom interceptors, access doors, trench drains, dialysis boxes, drainage products and more.

#### LASER CUTTING

For maximum e<sup>\*</sup>cienc y 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.

To save production time our press brakes have both auto tooling clamping and seating.

#### **EPOXY COATING**

We use a acid resistant powder epoxy coating to protect the steel and increases the life of your custom product.

A powder spray booth with electostatic spraying is used so products have a consistent thickness and ensure all components are fully covered.

#### **ENGINEERING TEAM**

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. We are here to o° er assistance, regardless of the project's simplicity or complexity.







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#### **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 MI-

ROOFGUARD Roof Dome

GARD

Shift + Lift: Universal Water Closet

MR-500

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

#### **SPECIFICATION WEBSITES**

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

following 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



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#### **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





#### **OUR REPUTATION IS STAINLESS**

#### **KEY FEATURES AND BENEFITS:**

- Modular system with fewer parts, reduce confusion on job site, and fewer returns.
- Standard A1 body serves as a floor drain cleanout and roof drain. This reduces inventory.
- Cast 304 stainless steel grates an cleanout covers for same price as nickel bronze. Prevents dishing, corrosion and discoloration.
- 4" NPSM threads at top of A1 bod allows drain to be installed without membrane clamp for non waterproof slab on grade floors
- A1 body with no hub connection is only 3 deep for compact rough-in.
- A1 body always shipped tapped an plugged for trap seal primer connection.
- All area drain grates are adjustable an made of ductile iron with a load rating of over 10,000 lbs. for maximum on site adjustment and load bearing.
- Closet and lavatory carriers designe and packaged with features to save installation time and handling cost.

NOW YOU CAN SPECIFY STAINLESS STEEL AT THE SAME PRICE AS NICKEL BRONZE. SPECIFY MIFAB STAINLESS FOR A LASTING IMPRESSION



#### **AREA DRAIN FEATURES**



#### MIFAB AREA DRAIN STANDARD BENEFITS

- Ductile iron grate offers greater than 10,000 lb. load rating
- · Non-tilt grate is safer in all traffic area
- 3/8" slots prevent large debris from entering the drainage system
- · 4 Fully adjustable top assemblies for ease of installation
- · Stainless Steel tops at the same price as Nickel Bronze



#### **MIFAB CATALOGS**



MPB-2024-USA SPECIFICATION DRAINAGE (LIT-067)



CLPB-2024 LIGHT COMMERCIAL PRODUCTS (LIT-048)



AD-2024-USA ACCESS DOORS (LIT-043)



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



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



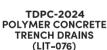














TD-2024 GRP & STEEL TRENCH DRAINS (LIT-046)



TDSD-2024 SHOWER DRAINS (LIT-077)



TDSS-2024 STAINLESS STEEL TRENCH DRAINS (LIT-072)



ROOFGUARD-2020 ROOFGUARD ROOF DOMES (LIT-058)





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



DB-2024 DIALYSIS BOXES (LIT-070)



HYDROMAX-2020 SIPHONIC DRAINAGE (LIT-082)



INT-2024
INTERCEPTORS & ACID
NEUTRALIZATION TANKS
(LIT-095)



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











### THE MIFAB LOOK BOOK



