

The background of the page is a collage of four different MIFAB products. In the top left is a square metal grate with a grid of rectangular holes and the "MIFAB" logo embossed in the center. In the top right is a circular metal grate with a radial pattern of curved slots and the "MIFAB" logo embossed in the center. In the bottom left is a circular metal grate with a radial pattern of curved slots and the "MIFAB" logo embossed in the center. In the bottom right is a square metal grate with a grid of rectangular holes and the "MIFAB" logo embossed in the center.

THE MIFAB LOOK BOOK

LIT-106

Catalogs



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



CLPB-2022
LIGHT COMMERCIAL
PRODUCTS
(LIT-048)



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



BEECO-2022
BACKFLOW PREVENTERS
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NH-2022-06
NO HUB COUPLINGS
(LIT-044)



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



TD-2023
GRP & STEEL
TRENCH DRAINS
(LIT-046)



TDSD-2023
SHOWER DRAINS
(LIT-077)



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



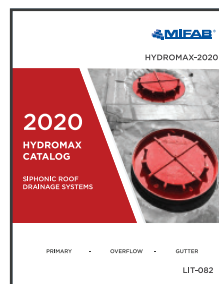
ROOFGUARD-2020
ROOFGUARD ROOF
DOMES
(LIT-058)



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



DB-2022
DIALYSIS BOXES
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HYDROMAX-2020
SIPHONIC DRAINAGE
(LIT-062)



INT-2023
INTERCEPTORS & ACID
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TSP-2022-08
TRAP SEAL
PRIMERS
(LIT-062)



Notes

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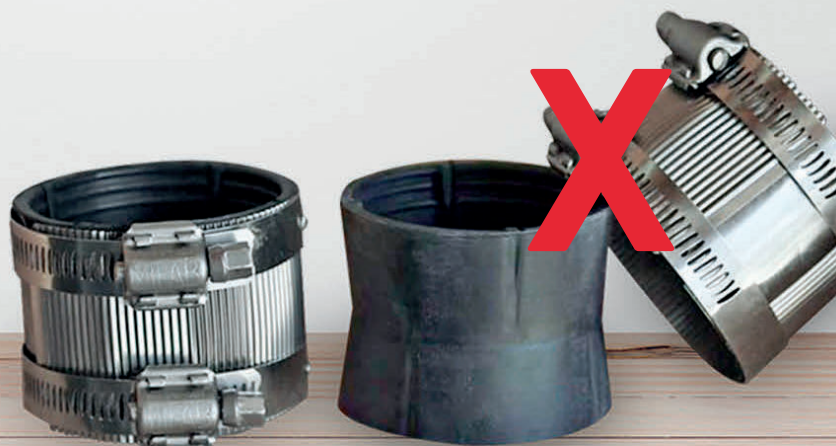
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No Hub Couplings

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

40% in labor savings

Gasket and shield do not come apart

Faster Installation:

Complete jobs quicker to make deadlines

Neoprene Material

Tested and certified to ASTM C1277, CISPI 310, IAPMO 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

No Hub Couplings

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

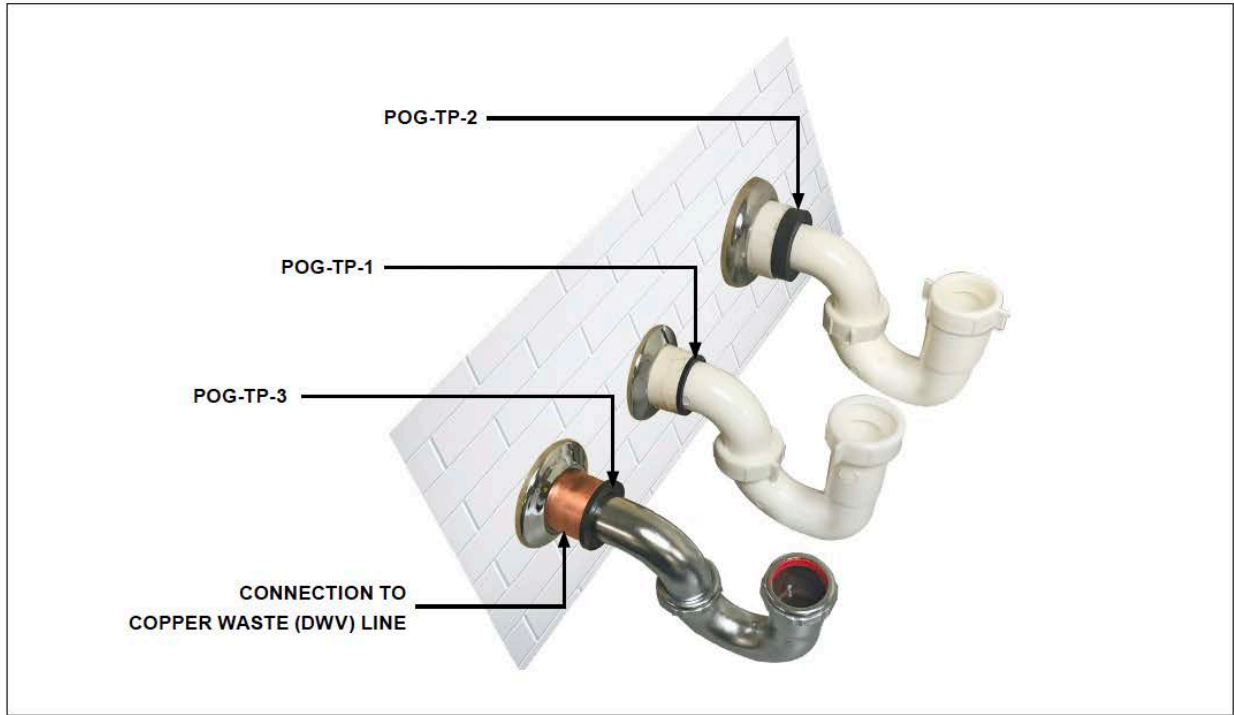


POG-TP-2
2" Copper Waste (DWV) Line to 1 1/2" Tubular. Also works with 2" PVC Waste (DWV) Line to 1 1/2" Tubular



POG-TP-3
1 1/2" Copper Waste (DWV) Line to 1 1/4" Tubular

MODEL NUMBER	DESCRIPTION
<input type="radio"/> POG-TP-1	1 1/2" PVC Waste (DWV) Line to 1 1/2" Tubular
<input type="radio"/> 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
<input type="radio"/> POG-TP-3	1 1/2" Copper Waste (DWV) Line to 1 1/4" Tubular



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:

No Hub Couplings

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)</p> <p>Discount Structure</p>	 <p>MI-QHUB (Page 6)</p> <p>X = Do not remove the gasket from the shield</p>	 <p>MI-XHUB (Page 5)</p> <p>Discount Structure</p>	 <p>MI-QXHUB (Page 7)</p> <p>X = Do not remove the gasket from the shield</p>

FLEXIBLE COUPLINGS

								Discount Structure		
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)			
										
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)	MI-SPF-100 (Page 24)	

TRANSITION COUPLINGS

								Discount Structure
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)	
								
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

Drainage: 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...

- ✗ 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

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.

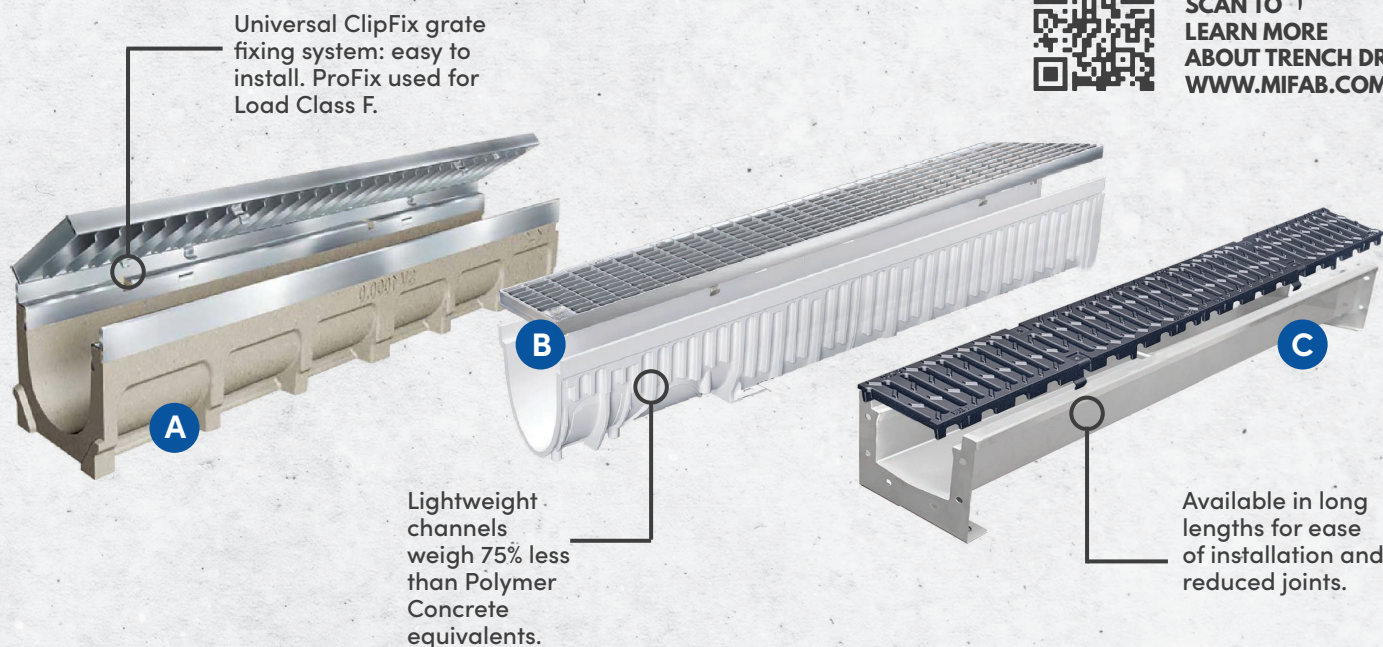
Simply remove the existing JaSaWaZ grate, place the RTS-UR-1 universal ring into the recessed area of the strainer and connect it with the screws provided. The RTS5-1 frame and grate can then be vertically adjusted and also adjusted side to side to meet the finished floor.

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.





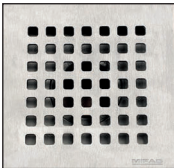




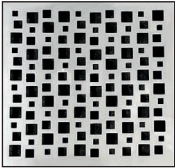


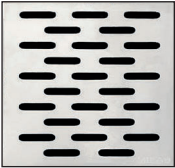
BENEFITS OF GRP:

- 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)

Drainage: Shower Drain Channels

PICTORIAL INDEX			
			 P9600 and P9700 – Plastic Edge and Finished Edge Frame Point Drains (Page 9, 10)
POINT DRAIN GRATES		LINEAR SHOWER DRAIN GRATES	
 QUATRO	 TILE INLAY	 WEDGEWIRE	 QUATRO
 WAVE	 SUBWAY	 WEDGEWIRE	 TILE INLAY
 DECO		 WAVE	
		 SUBWAY	 DECO

Drainage: MI-TR

IDENTIFYING WHISKER
(to be attached prior to pouring)

STICKER TO COVER CHANNEL LOCK GRIPS DURING POUR

1. POUR CONCRETE

2. REMOVE AND ATTACH THE UPPER PIPE

WITHOUT MI-TR MINIMUM DIM IS...

MEDIUM SWEEP STREET 90 FITTING

CARRIER SET AT LOWEST POSITION

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.

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.

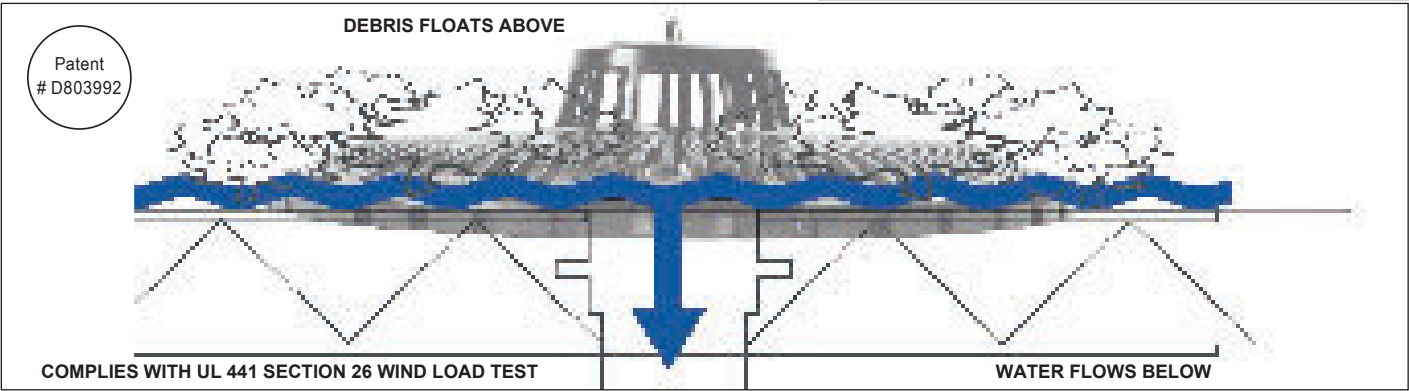
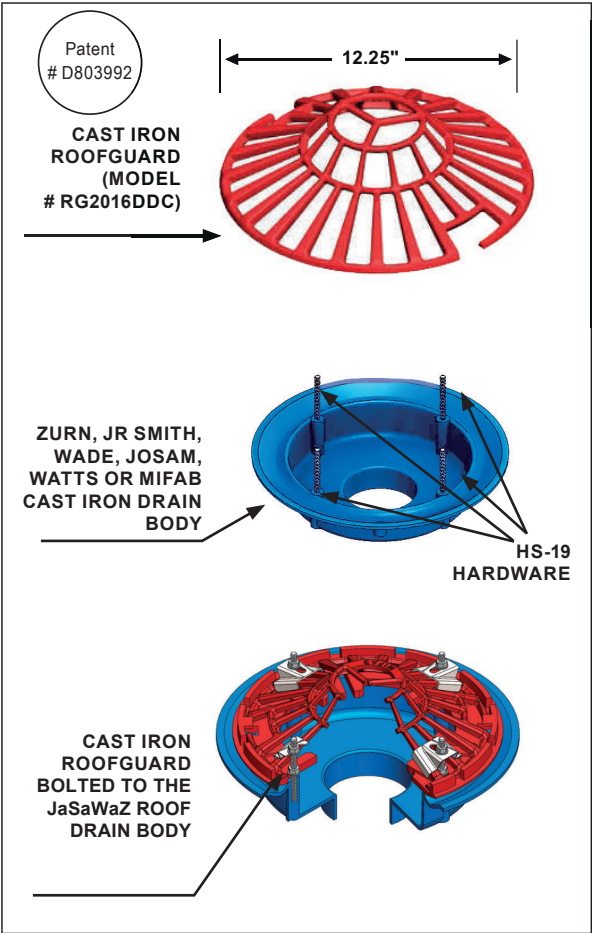
APPLICATIONS:

*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.

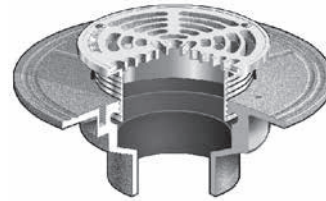
MODEL NUMBER	DESCRIPTION
RG2016DDC	Cast Iron RoofGuard

Drainage: Modular System

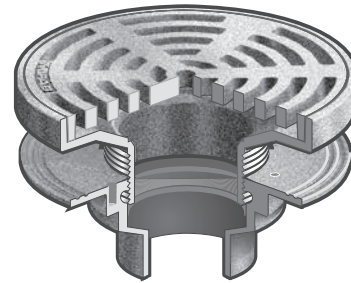
MIFAB offers stainless steel for the **SAME** price as nickel bronze!

THE MIFAB MODULAR SYSTEM

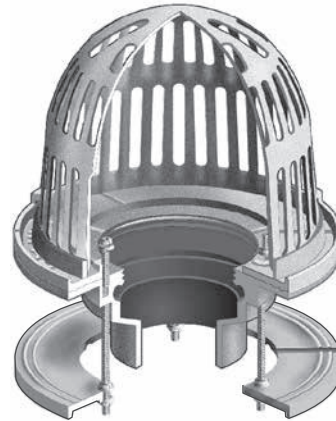
A Floor Drain



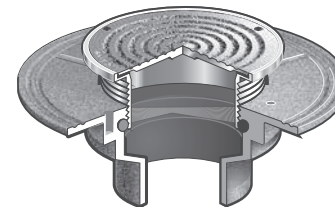
Is an Area Drain



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?

Drainage: MC-10 Fixture Carrier

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

$\frac{1}{2}$ " 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.

EASY TO USE

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

ROD PROTECTORS

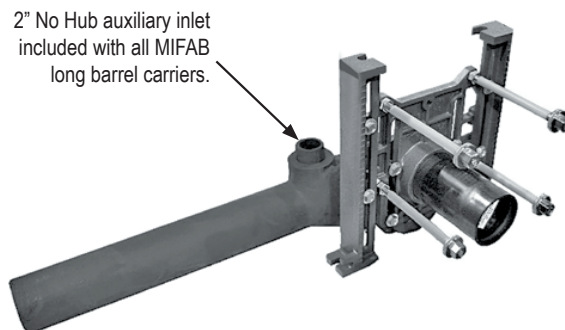
Rod protectors come preassembled to prevent mortar from affecting threads with backup nut already assembled onto rods.

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.



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



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.

Drainage: MC-41 Fixture Carrier

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.

SECURE

Double nut tightening tie down rod.

MEASURING GUIDE

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

HEAVY DUTY

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

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.

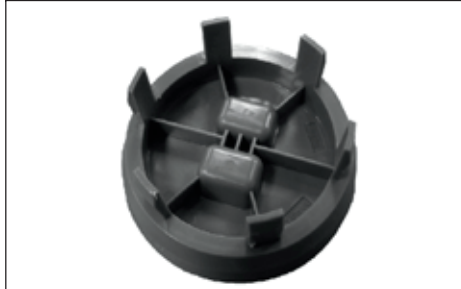
Drainage: All Star Cover

ALLSTAR® COVER



MIFAB's new, patent pending Allstar® cover is available in 5" and 6" round sizes to work with any of MIFAB's 5" and 6" round nickel bronze or stainless steel floor drain and cleanout tops.

It is manufactured from recycled plastic and is designed to fit into any of MIFAB's A1 and A4 PVC, ABS or cast iron bodies.



Contractors fit the Allstar cover into the top of the MIFAB drain body before the concrete contractors to measure the level of the concrete floor from the top of the Allstar cover.

After the concrete pour around the top of the Allstar cover, the Allstar cover is removed with a channel lock tool placed into the recessed slot in the middle of the cover and pried off.

The 4" NPSM threads machined into the top of all of MIFAB's A1 and A4 bodies are then exposed to allow the contractor to thread in any MIFAB 5" (use the 5" Allstar cover) or 6" (use the 6" Allstar cover) round floor drain and cleanout top into the top of the bodies. The tops can be adjusted to the finished floor.



There is only a 1/8" space around the outside diameter of the floor drain or cleanout top of finished off with grout.

The Allstar cover is appropriately 3/4" high and is made from smooth plastic material with angled sides to ensure removal after the pour.

There are several advantages to the Allstar cover:

- 1) The contractor can avoid taping the floor drain and cleanout tops prior to installation to ensure that they are protected during the construction process. This eliminates time to tape the floor drain / cleanout tops and also eliminates cleaning time to remove the tape from them before the project is handed over to the client.
- 2) The contract can avoid installing the floor drain and cleanout tops until the end of the project reducing the risk that they will be stolen or damaged.
- (3) The floor drain / cleanout tops can be adjusted to the finished floor after the concrete pour.
- 4) The Allstar cover can be purchased separately from the floor drain and cleanout bodies.
- 5) The Allstar cover can be used over and over again.



Allstar cover with any MIFAB A1 body



Allstar cover with any MIFAB A4 body

MODEL NUMBER	LIST PRICE
A1-5-ALLSTAR	See CLPB List Price Book
A1-5-ALLSTAR	See CLPB List Price Book

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

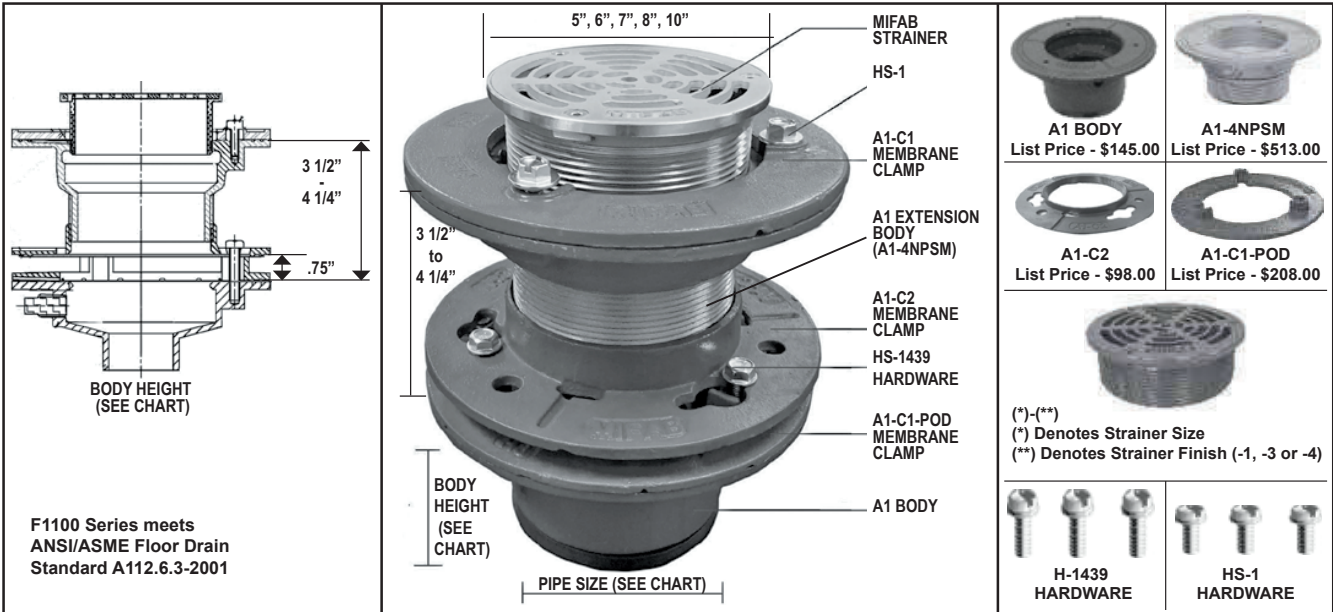
Drainage: Planter Podium Drain

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.

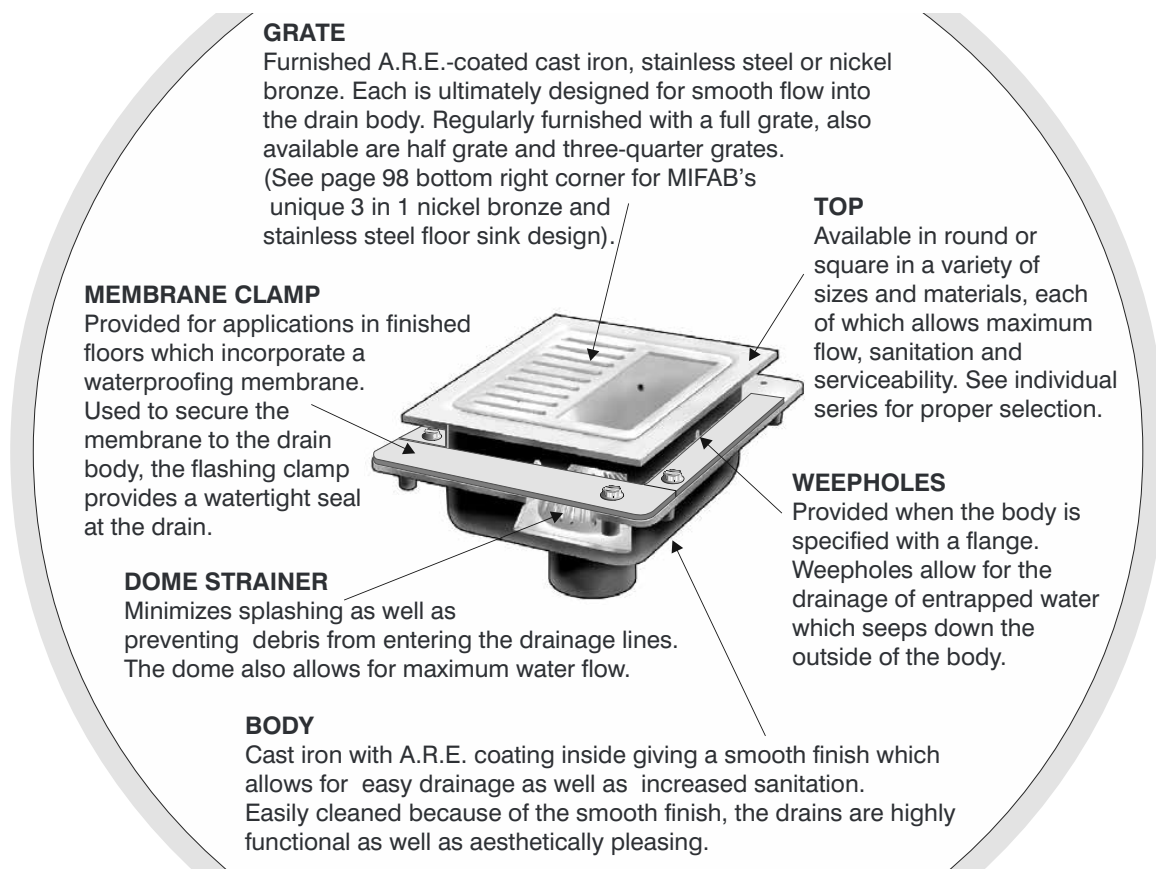


STRAINER SIZE	ANSI/ASME RATING			PIPE SIZE	BODY HEIGHT					LIST PRICE (-1 or -3)
	FREE AREA	LOAD RATING			NO HUB (STANDARD)	PUSH ON (P)	THREADED (T)	INSIDE CAULK (X)	PVC/ABS (-30)/(-31)	
		N.B. (-1) Lbs.	S.S. (-3) Lbs.							
5" (127)	8 in² (5200²)	Up To 2000	5000 to 7499	2" (51)	3" (76)	3 3/8" (86)	2 1/4" (57)	3 3/4" (95)	2 15/16" (75)	\$1,430.00
6" (152)	9 in² (5800²)	Up To 2000	-	3" (76)	3" (76)	3 3/8" (86)	2 5/8" (67)	3 3/4" (95)	3 3/4" (95)	\$1,570.00
7"(177)	12 in² (7700²)	Up To 2000	-	4" (102)	3" (76)	3 3/8" (86)	2 5/8" (67)	3 3/4" (95)	3 3/4" (95)	\$1,685.00
8"(203)	18 in² (16000²)	Up To 2000	-	5" (127)	3" (76)	-	2 5/8" (67)	3 3/4" (95)	-	\$1,909.00
10"(254)	26 in² (17170²)	Up To 2000	-	6" (152)	3 1/4" (83)	6 1/2" (165)	-	-	-	\$2,306.00

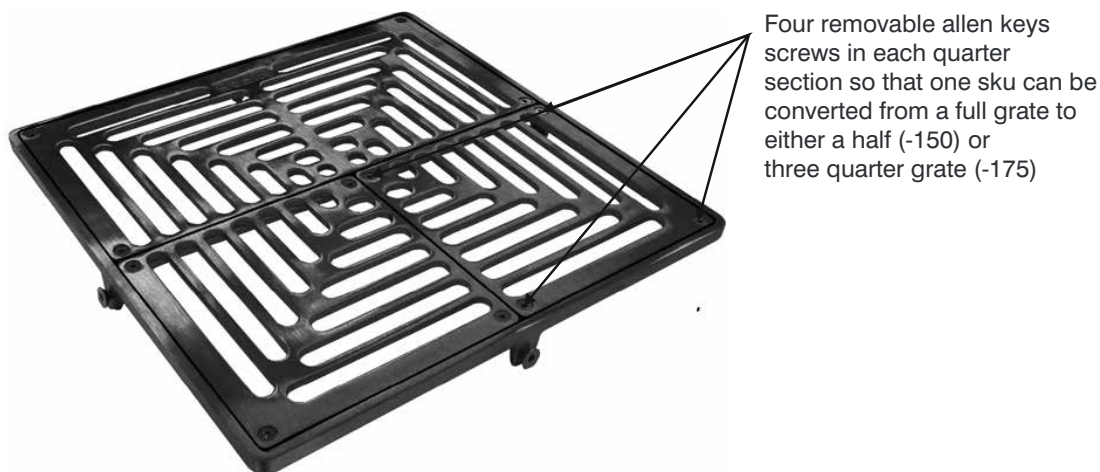
F1100-C-4POD and F1100-C-PLA OPTIONAL VARIATIONS:		
SUFFIX	DESCRIPTION	LIST PRICE
-1	Nickel Bronze Strainer	No Add
-3	Type 304 Stainless Steel Strainer	No Add
-4	Ductile Iron Strainer	No Add
-5	Sediment bucket (A1-PB)	\$ 144.00
-6	Security screws (TR25 Torx and pin) (H-1039A)	\$ 79.00
-7	Trap seal primer tapping	Standard
-7MG	MI-GARD, Floor Drain Trap Seal	See TSP book
-8	Backwater valve (BV1250 Series) (2", 3", 4")	\$ 497.00
-10	Decorative polished top	\$ 221.00
-11	Acid resistant epoxy coated body (and clamp if needed)	\$ 343.00
-13	Galvanized body (and clamp if needed)	\$ 259.00
-15	Extension (DD-50)	\$ 185.00
-21	Secondary flat strainer (FD-9600 Series)	\$ 78.00
-28	Stainless Steel Body (Type 304) (2", 3", 4" No Hub only)	\$ 1581.00
-30	PVC Socket Connection Body* (2", 3", 4")	No Add
-31	ABS Socket Connection Body* (2", 3", 4")	No Add
-34	Closure plug (C1440 Series)	\$ 477.00
-40	Underdeck clamp (A2-C3)	\$ 196.00
-41	Sump receiver (A2-BP)	\$ 337.00
-49	Chrome plated strainer assembly (add to -1 only)	\$ 59.00
-69	Stainless steel sediment bucket (A1-SSB)	\$ 279.00
-84	Stainless Steel mesh screen around standpipe	\$ 534.00

-90	Threaded side outlet (4") (N/A -30, -31) No Add for -NH	\$ 535.00
-95	Client logo (-3 only)	\$ 1175.00
-C2	High rough-in membrane clamp (A1-C2)	\$ 103.00
-F4-(1,3)	4" NB or SS round funnel	\$ 583.00
-F4-50	4" cast iron round funnel	\$ 247.00
-F6-(1,3)	6" NB or SS round funnel	\$ 862.00
-F6-50	6" cast iron round funnel	\$ 395.00
-G-(1,3)	4" x 9" NB or SS oval funnel	\$ 1204.00
-G-50	4" x 9" C.I. oval funnel	\$ 583.00
-G(*)H	(*) indicates height of S.S. ballast guard required.	\$ 150.00/inch
-HP	Heel Proof grate 1/4" wide slots	No Add
-J-(1,3)	3" x 1" NB or SS oval funnel	\$ 607.00
-J-50	3" x 1" cast iron oval funnel	\$ 276.00
P	Push on outlet (2", 3" or 4")	No Add
-P(*)L	(*) Indicates length of PVC standpipe required	\$ 101.00
T	Threaded outlet (2", 3" or 4")	\$ 107.00
-Z	Extended wide elastomeric flange on top (use Z5 or ZS top)	\$ 1724.00
X	Inside caulk outlet (2", 3", or 4")	No Add
5	5" no hub outlet	\$ 707.00
5T	5" threaded outlet	\$ 707.00
5X	5" inside caulk outlet	\$ 707.00
6	6" no hub outlet	\$ 707.00
6P	6" push on outlet*	\$ 707.00

Drainage: Floor Sinks



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



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.

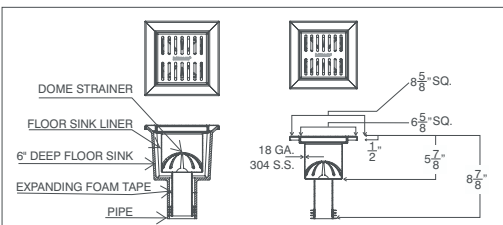
Drainage: Floor Sinks

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	LIST PRICE
-5	Sediment Bucket (FS1500-PB)	\$ 264.00
-22	Less Stainless Steel grate (deduct)	(\$198.00)
-150	Half Grate	No Add
-175	Three Quarter Grate	No Add



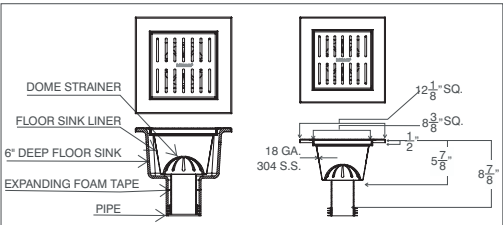
MODEL NO.	PIPE SIZE	WT. Lbs.	FREE AREA	LIST PRICE
FS1972	2"	5	12.30"	\$ 2163.00
FS1973	3"	5	12.30"	\$ 2163.00
FS1974	4"	5	12.30"	\$ 2163.00

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



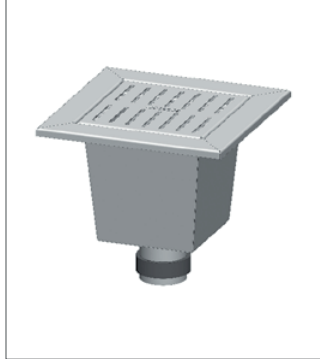
Description: MIFAB FS1980 Series of Type 304 stainless steel floor sink replacement liner for 12" x 12" x 6" deep floor sinks. Manufactured with internal pipe gasket seal and light duty slotted loose set grate and aluminum dome strainer.

OPTIONAL VARIATIONS		
SUFFIX	DESCRIPTION	LIST PRICE
-5	Sediment Bucket (FS1700-PB)	\$ 419.00
-22	Less Stainless Steel grate (deduct)	(\$198.00)
-150	Half Grate	No Add
-175	Three Quarter Grate	No Add



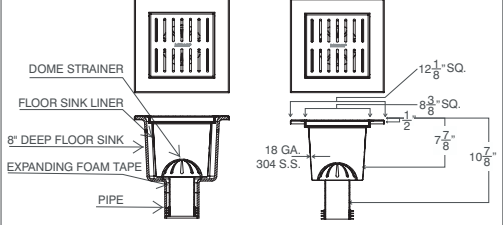
MODEL NO.	PIPE SIZE	WT. Lbs.	FREE AREA	LIST PRICE
FS1982	2"	6	22.00"	\$ 2608.00
FS1983	3"	6	22.00"	\$ 2608.00
FS1984	4"	6	22.00"	\$ 2608.00

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



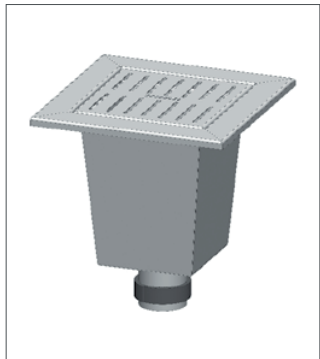
Description: MIFAB FS1990 Series of Type 304 stainless steel floor sink replacement liner for 12" x 12" x 8" deep floor sinks. Manufactured with internal pipe gasket seal and light duty slotted loose set grate and aluminum dome strainer.

OPTIONAL VARIATIONS		
SUFFIX	DESCRIPTION	LIST PRICE
-5	Sediment Bucket (FS1700-PB)	\$ 419.00
-22	Less Stainless Steel grate (deduct)	(\$198.00)
-150	Half Grate	No Add
-175	Three Quarter Grate	No Add



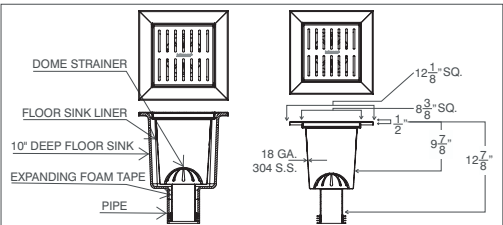
MODEL NO.	PIPE SIZE	WT. Lbs.	FREE AREA	LIST PRICE
FS1992	2"	7	22.00"	\$ 2798.00
FS1993	3"	7	22.00"	\$ 2798.00
FS1994	4"	7	22.00"	\$ 2798.00

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	LIST PRICE
-5	Sediment Bucket (FS1700-PB)	\$ 419.00
-22	Less Stainless Steel grate (deduct)	(\$198.00)
-150	Half Grate	No Add
-175	Three Quarter Grate	No Add



MODEL NO.	PIPE SIZE	WT. Lbs.	FREE AREA	LIST PRICE
FS2002	2"	7	22.00"	\$ 3030.00
FS2003	3"	7	22.00"	\$ 3030.00
FS2004	4"	7	22.00"	\$ 3030.00

Drainage: Shift and Lift

SHIFT AND LIFT

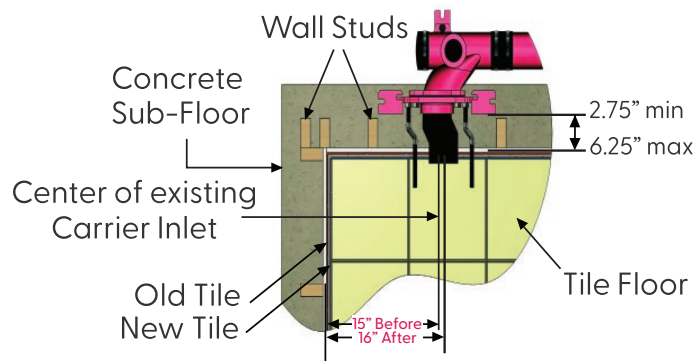
OFFSET THE FIXTURE WITHOUT TEARING OUT THE WALL AND CARRIER!



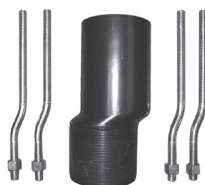
US PATENT #8,887,319



• 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

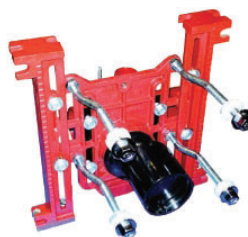
• 1/2" Adjustment
Part #: MC-10-PN8R-31-SL-50

• 3/4" Adjustment
Part #: MC-10-PN8R-31-SL-75

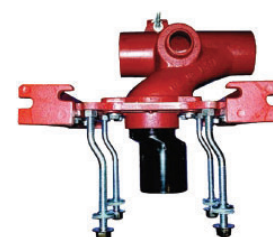
• 1" Adjustment
Part #: MC-10-PN8R-31-SL-100

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



LIL-MAX
7-50 GPM



BIG-MAX
50, 75 AND
100 GPM

LIL-MAX STOCKING PROGRAM

WHY LIL-MAX?

- Easy to remove lid
- Lid can hold up to 350 lbs
- Gasket is embedded the underside of the lid for gas-tight seal
- Heavy duty lid option available (-HD)

NON-STOCKING:

- ✗ 1 at a time
- ✗ Pay for freight

STOCKING:

- ✓ Any combination of 8 units on same PO with FFA

BIG-MAX STOCKING PROGRAM

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

HDPE Interceptors

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

With MIFAB's patented extension system every lid ships with an 18" x 18" piece of ADS corrugated pipe which provides the installer with up to a 24 ½" "C" dimension.



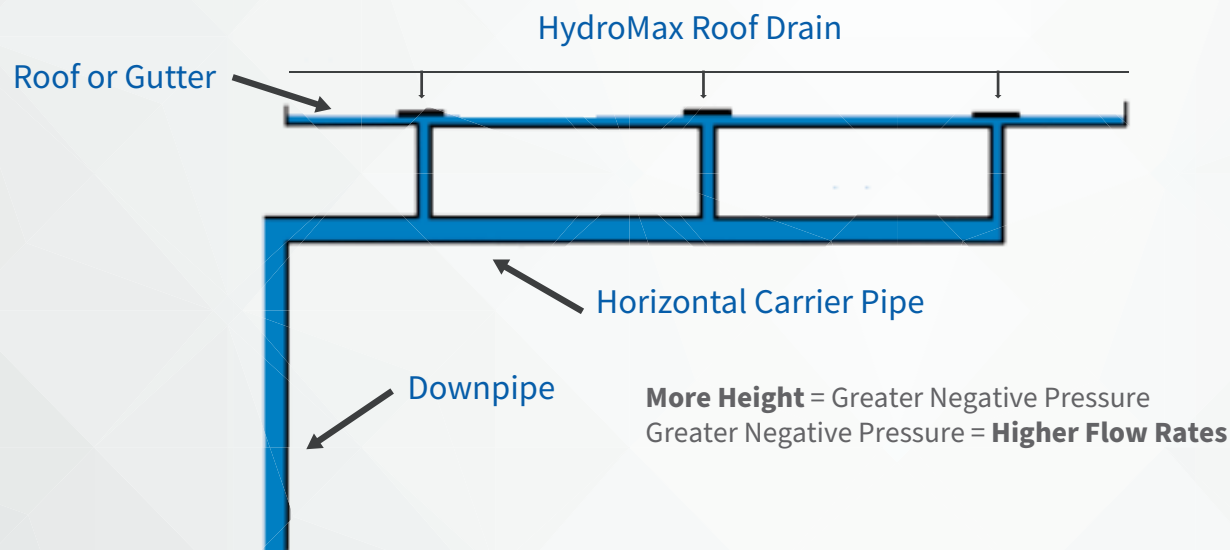
HYDROMAX Siphonic Drainage



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.

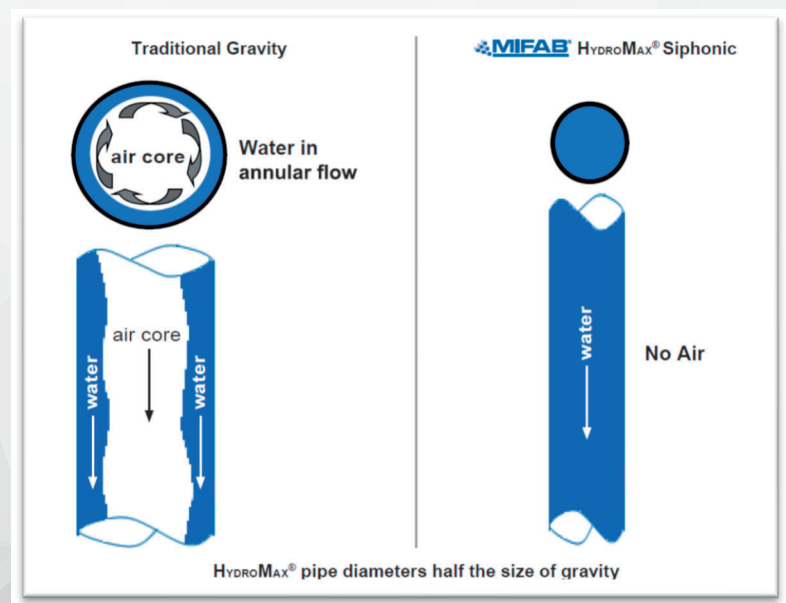
Siphonic drainage uses the natural height of the building to generate a negative pressure which makes a siphon effect on the roof having the drain act as a “shop vac”. Siphonic drainage is the same concept as taking gas out of your dad’s car. “Put the hose in and start sucking, once the fluid starts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



Cost Savings Benefits?

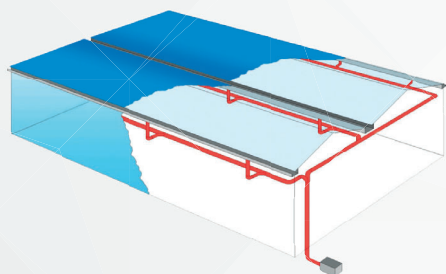
Siphonic drains utilize a baffle plate to eliminate air from entering the system; whereas gravity drains require 2/3rd's air mixing with 1/3rd's water to function.

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.



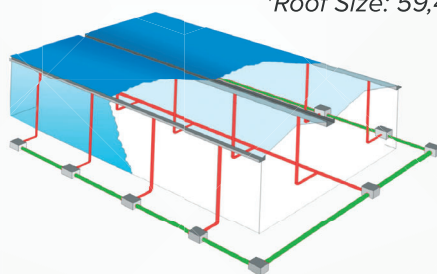
Design benefits?

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

- ✗ 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?

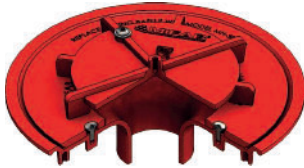
Siphonic drainage is overwhelmingly more efficient than Gravity drainage. At 2" of ponding a 6" gravity drain can discharge 75gpm; given the same 2" of ponding a 6" Siphonic drain discharges 400 gpm (and up to 1820gpm at maximum capacity). This allows the roof to discharge at a much higher rate leading 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	

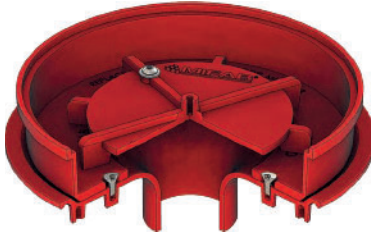
HYDROMAX Siphonic Drainage

MIFAB® HYDROMAX® Drain/Cover Options

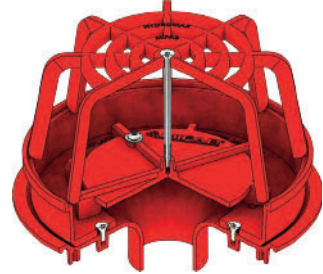
All MIFAB® HydroMax® drains are tested to ASME A112.6.9 and IAPMO listed



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)



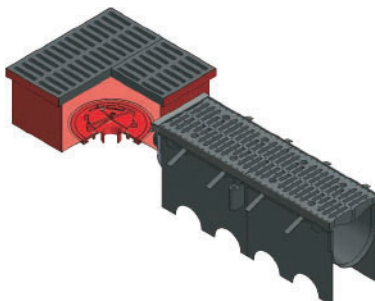
Part # MH-305-G
3" Gutter Drain
(Stainless Steel Spun Body)



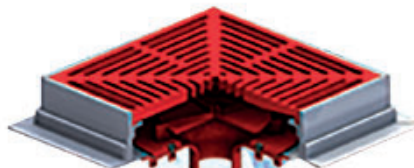
Part # MH-505-G
5" Gutter Drain
(Stainless Steel Spun Body)



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



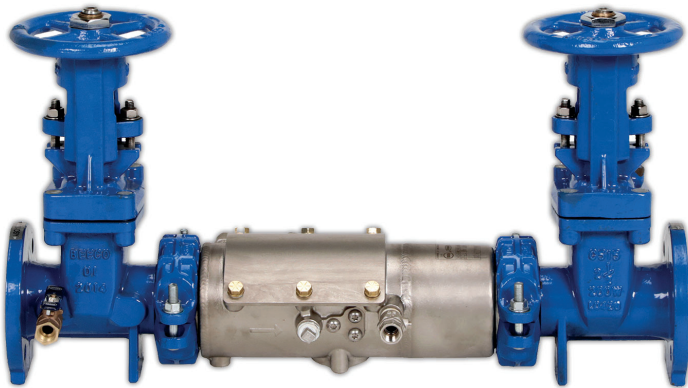
Part # MH-T
Siphonic Trench Assembly



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



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



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: Backflow

PRESSURE REDUCING VALVES

SINGLE UNION, FEMALE THREADED INLET AND OUTLET



MODEL NO.	SIZE	QTY/CTN.	LIST EA.	NET EA.
PRV.50-SU-IPS-C-LL	1/2"	36	\$103.00	\$37.18
PRV.75-SU-IPS-C-LL	3/4"	36	\$103.00	\$37.18
PRV1.00-SU-IPS-C-LL	1/2"	30	\$142.00	\$51.26

DOUBLE UNION, FEMALE THREADED INLET AND OUTLET

MODEL NO.	SIZE	QTY/CTN.	LIST EA.	NET EA.
PRV.50-DU-IPS-C-LL	1/2"	40	\$122.00	\$44.04
PRV.75-DU-IPS-C-LL	3/4"	40	\$122.00	\$44.04
PRV1.00-DU-IPS-C-LL	1"	36	\$171.00	\$61.73

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



STRAINERS

WYE TYPE, THREADED CONNECTIONS



MODEL NO.	SIZE	QTY/CTN.	LIST EA.	NET EA.
STR.50-IPS-BRZ-LL	1/2"	12	\$38.00	\$21.30
STR.75-IPS-BRZ-LL	3/4"	8	\$59.00	\$21.30
STR1.00-IPS-BRZ-LL	1"	8	\$93.00	\$33.57
STR1.25-IPS-BRZ-LL	1 1/4"	6	\$139.00	\$50.18
STR1.50-IPS-BRZ-LL	1 1/2"	2	\$211.00	\$76.18
STR2.00-IPS-BRZ-LL	2"	2	\$368.00	\$132.85

Low Lead California AB 1953 Compliant

PRESSURE GAUGES

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



MODEL NO.	SIZE	QTY/CTN.	LIST EA.	NET EA.
PG2.50-0-30-BTM-25	0-30	100	\$15.00	\$5.42
PG2.50-0-60-BTM-25	0-60	100	\$15.00	\$5.42
PG2.50-0-100-BTM-25	0-100	100	\$15.00	\$5.42
PG2.50-0-160-BTM-25	0-160	100	\$15.00	\$5.42
PG2.50-0-200-BTM-25	0-200	100	\$15.00	\$5.42
PG2.50-0-300-BTM-25	0-300	100	\$15.00	\$5.42

MI-CONTROL

WATER HEATER SHUTOFF THERMAL EXPANSION CONTROL VALVE



MODEL NO.	SIZE	QTY/CTN.	LIST EA.	NET EA.
MI-CONTROL-LL	3/4"	20	\$76.00	\$27.44
MI-CONTROL-NPT-LL	3/4"	20	\$76.00	\$27.44
MI-CONTROL-PEX-LL	3/4"	20	\$80.00	\$28.88
MI-CONTROL-SWT-LL	3/4"	20	\$76.00	\$27.44
MI-CONTROL-UP-LL	3/4"	20	\$76.00	\$27.44

DIELECTRIC UNIONS

GALVANIZED, FEMALE IRON PIPE BY COPPER SOLDER JOINT



MODEL NO.	SIZE	QTY/CTN.	LIST EA.	NET EA.
DU.50-IPS-X-SWT-LL	1/2"	10	\$8.00	\$2.89
DU.75-IPS-X-SWT-LL	3/4"	10	\$11.00	\$3.97
DU1.00-IPS-X-SWT-LL	1"	5	\$16.00	\$5.78
DU1.25-IPS-X-SWT-LL	1 1/4"	5	\$27.00	\$9.75
DU1.50-IPS-X-SWT-LL	1 1/2"	5	\$34.00	\$12.27
DU2.00-IPS-X-SWT-LL	2"	2	\$69.00	\$24.91

ANTI-SIPHON VACUUM BREAKER

BRASS BODY DESIGN



MODEL NO.	SIZE	QTY/CTN.	LIST EA.	NET EA.
ASVB.25-B-LL	1/4"	24	\$31.00	\$11.19
ASVB.375-B-LL	3/8"	24	\$31.00	\$11.19
ASVB.50-B-LL	1/2"	16	\$39.00	\$14.08
ASVB.75-B-LL	3/4"	16	\$48.00	\$17.33



BEECO: Backflow

HOSE CONNECTION VACUUM BREAKERS

HOSE CONNECTION ATMOSPHERIC VACUUM BREAKER

MODEL NO.	SIZE	QTY/CTN.	LIST EA.	NET EA.
HVB.75F-X-.75M-CP-LL	¾"	1	\$17.00	\$6.14
HVB.75F-X-.75M-RB-LL	¾"	1	\$16.00	\$5.78

SELF DRAINING VACUUM BREAKERS

SELF DRAINING HOSE VACUUM BREAKER

MODEL NO.	SIZE	QTY/CTN.	LIST EA.	NET EA.
HBVBSD.75-CP-LL	¾"	1	\$36.00	\$13.00
HBVBSD.75-RB-LL	¾"	1	\$34.00	\$12.27

BRONZE BALL VALVES

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

MODEL NO.	SIZE	QTY/CTN.	LIST EA.	NET EA.
BV.50-IPS-BRZ-LL	½"	1	\$28.00	\$10.11
BV.75-IPS-BRZ-LL	¾"	1	\$38.00	\$13.72
BV1.00-IPS-BRZ-LL	1"	1	\$81.00	\$29.24
BV1.25-IPS-BRZ-LL	1 ¼"	1	\$86.00	\$31.05
BV1.50-IPS-BRZ-LL	1 ½"	1	\$127.00	\$45.85
BV2.00-IPS-BRZ-LL	2"	1	\$213.00	\$76.89

PRESSURE VACUUM BREAKERS

PRESSURE VACUUM BREAKERS. LOW LEAD AB 1953 COMPLIANT

MODEL NO.	SIZE	QTY/CTN.	LIST EA.	NET EA.
PVB.50-QT-LL	½"	1	\$234.00	\$84.47
PVB.75-QT-LL	¾"	1	\$251.00	\$90.61
PVB1.00-QT-LL	1"	1	\$318.00	\$114.80
PVB1.25-QT-LL	1 ¼"	1	\$843.00	\$304.32
PVB1.50-QT-LL	1 ½"	1	\$954.00	\$344.39
PVB2.00-QT-LL	2"	1	\$1,155.00	\$416.96

DUAL CHECK VALVES

HOSE CONNECTION ATMOSPHERIC VACUUM BREAKER

MODEL NO.	SIZE	QTY/CTN.	LIST EA.	NET EA.
DCAV.50-NPT	½"	1	\$106.00	\$38.27
DCAV.75-NPT	¾"	1	\$106.00	\$38.27
DCAV.50-SWT	½"	1	\$106.00	\$38.27
DCAV.75-SWT	¾"	1	\$106.00	\$38.27

GATE VALVES OSY STYLE

FLANGED BY FLANGED, OSY RESILIENT WEDGE, EPOXY COATED

MODEL NO.	SIZE	QTY/CTN.	LIST EA.	NET EA.
GV2.50-FXF-OSY	2 ½"	1	\$746.00	\$269.31
GV3.00-FXF-OSY	3"	1	\$952.00	\$343.67
GV4.00-FXF-OSY	4"	1	\$1,260.00	\$454.86
GV6.00-FXF-OSY	6"	1	\$2,007.00	\$724.86
GV8.00-FXF-OSY	8"	1	\$3,456.00	\$1,247.62
GV10.00-FXF-OSY	10"	1	\$5,258.00	\$1,898.14

GATE VALVES NRS STYLE

FLANGED BY FLANGED, NRS RESILIENT WEDGE, EPOXY COATE

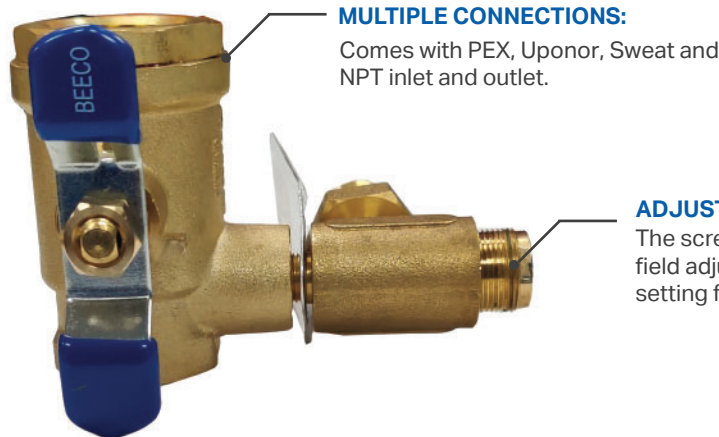
MODEL NO.	SIZE	QTY/CTN.	LIST EA.	NET EA.
GV2.00-FXF-NR	2"	1	\$584.00	\$210.82
GV2.50-FXF-NR	2 ½"	1	\$637.00	\$229.96
GV3.00-FXF-NRS	3"	1	\$811.00	\$292.77
GV4.00-FXF-NRS	4"	1	\$1,076.00	\$388.44
GV6.00-FXF-NRS	6"	1	\$1,710.00	\$617.31
GV8.00-FXF-NRS	8"	1	\$3,201.00	\$1,155.56
GV10.00-FXF-NRS	10"	1	\$4,476.00	\$1,615.84
GV12.00-FXF-NRS	12"	1	\$6,160.00	\$2,223.76

BEECO: Backflow

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.



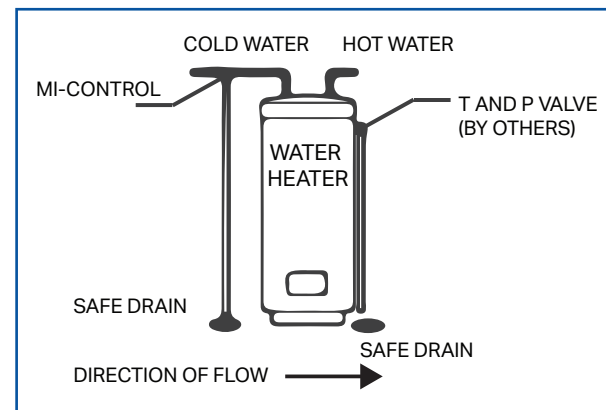
FEATURES

- 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



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

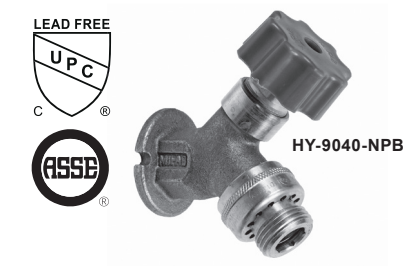
"When it comes to the UPC CODE 608.3 it states the following "Any water system provided with a check valve, backflow preventer, or any other normally closed device that prevents dissipation of building pressure back into the water main shall be provided with an approved, listed and adequately sized expansion 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."

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

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

MODEL #	FINISH	OPERATING DEVICE	INLET CONNECTION	LIST PRICE	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.	\$70.00	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.	\$70.00	1.25 lbs.
HY-90-RK-NPB	Repair kit for HY-9000-NPB of Hydrants			\$30.00	
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)			\$22.00	

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



Part # HY-9001
Brown Plastic Wheel Handle



Part # HY-9002
Clear Plastic Wheel Handle



Part # HY-9003
Cast Iron Wheel Handle



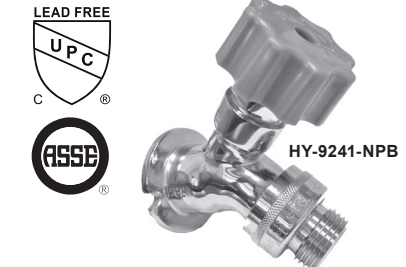
Part # HY-9004
Loose Tee Key

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

MODEL #	FINISH	OPERATING DEVICE	CONNECTION	LIST PRICE	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.	\$92.00	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.	\$92.00	1.25 lbs.
HY-90-RK-NPB	Repair kit for HY-9200-NPB of Hydrants			\$30.00	
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)			\$22.00	

Illustrated with brown plastic wheel handle



HY-9500 HYDRANT BOXES FOR WALL FAUCETS

MODEL #	DESCRIPTION	LIST PRICE	WEIGHT
HY-9500	Rough Brass box only - hydrant extra	\$355.00	10 lbs.
HY-9500-49	Chrome Plated Brass box only - hydrant extra	\$520.00	10 lbs.
HY-9500-K	Rough Brass box only with cylinder key lock - hydrant extra	\$412.00	10.25 lbs.
HY-9500-49-K	Chrome Plated Brass box only with cylinder key lock - hydrant extra	\$575.00	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

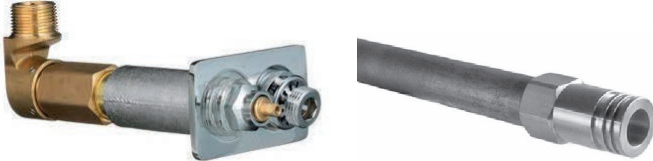


Contractor: Parkview Plumbing

Job location: New York City

MIFAB Sales Agent: DEA Sales

Location: 150 Charles Street, NYC



 <p>3/4" SWT. inlet</p>	 <p>360° swivel inlet</p>	<p>LEAD FREE</p> 
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"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 $\frac{3}{4}$ grate and a $\frac{1}{2}$ 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 $\frac{1}{2}$ open portion is taken out of the equation.

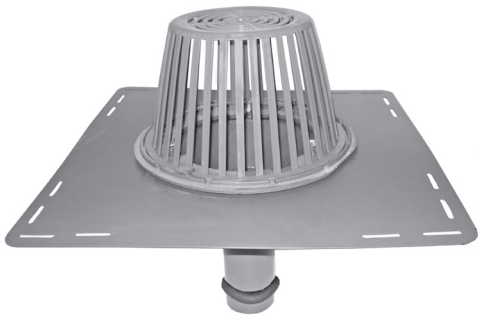
I hope this helps and serves as our testimonial to the strengths of the three in one grate design from a wholesaler's point of view and some insight I've received from plumbers."

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

RFD

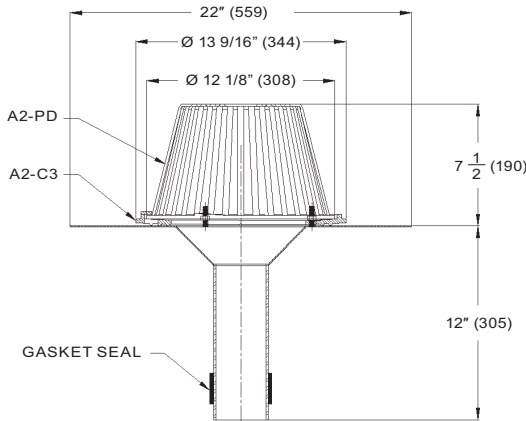
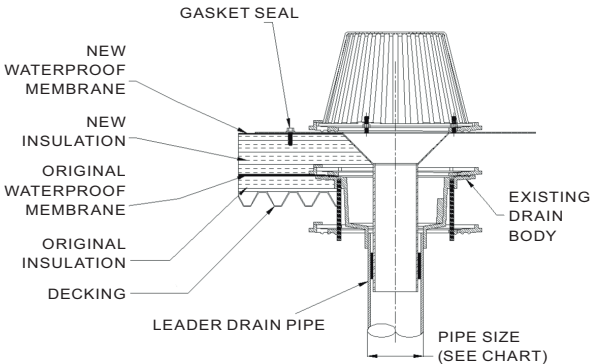
REPLACEMENT ROOF DRAIN

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	LIST PRICE
RFD-3	3" [76] Push-In	\$362.25
RFD-4	4" [76] Push-In	\$377.00
RFD-5	5" [76] Push-In	\$456.75
RFD-6	6" [76] Push-In	\$456.75

OPTIONAL VARIATIONS		
SUFFIX	DESCRIPTION	LIST PRICE
-6	Vandal proof dome (metal dome only)	\$31.50
-M-80	Low aluminum dome	\$81.00
-M	Cast iron dome	\$81.00



MI-SCOV

CAST IRON SEWER BOX SEWER LID AND COVER



MI-SCOV - side view













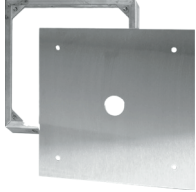




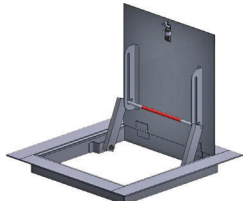


MODEL #	OVERALL DIAMETER	COVER DIAMETER	HEIGHT
MI-SCOV-8	11"	9"	2.50"
MI-SCOV-10	13"	11"	2.50"







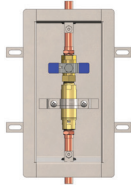
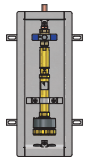
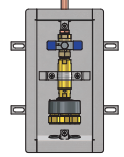

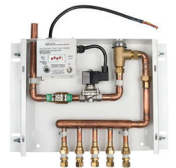



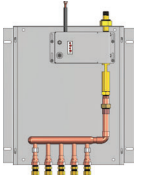

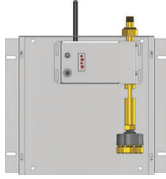
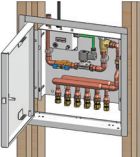







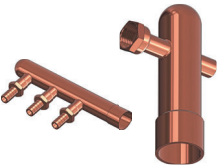






MI-SCOV-W-8 - top view

MODEL #	DESCRIPTION	LIST PRICE
MI-SCOV-W-8	8" water lid and collar	\$57.75
MI-SCOV-S-8	8" sewer lid and collar	\$57.75
MI-SCOV-8	8" plain lid and collar	\$57.75
MI-SCOV-W-10	10" water lid and collar	\$57.75
MI-SCOV-S-10	10" sewer lid and collar	\$68.25
MI-SCOV-10	10" plain lid and collar	\$68.25

SUFFIX	OPTIONAL VARIATIONS	LIST PRICE
-11	Acid resistant epoxy coated lid and collar	\$105.00
-13	Galvanized lid and collar	\$105.00

PICTORIAL INDEX			
 <p>SERIES UA UNIVERSAL ACCESS DOOR (PAGE 4)</p>	 <p>SERIES MDW DRYWALL BEAD ACCESS DOOR (PAGE 5)</p>	 <p>SERIES CAD CEILING OR WALL ACCESS DOOR (PAGE 5)</p>	 <p>SERIES CAD-DW CEILING OR WALL ACCESS DOOR WITH DRYWALL BEAD (PAGE 6)</p>
 <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>	

Trap Seal Primers

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 MR-500-NPB-ENC-AG (page 6)	 MR-500-NPB-ENC-DU (page 6)	 ACCESS DOORS (page 7)	 MI-100 (pages 8, 9)	 MI-200 (page 10)
 MI-300 (page 10)	 MI-300-BP (page 11)	 MI-300-ENC (page 11)	 MI-300-DU (page 12)	 MI-350-DU (page 12)
 MI-100-MFRU (page 16)	 DIELECTRIC NIPPLES (page 17)	 AIR GAP (page 17)	 MI-700 (page 18)	 WATER CLOSET TRAP PRIMER (page 18)
 MI-750 (page 18)	 MI-600-50 (page 19)	 MI-600 (page 19)	 COPPER MANIFOLDS (pages 20, 21)	 MI-GARD (page 22-23)
 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>“After 7 years and thousands of MR-500s purchased we have never had one fail.”</p> <p>– Nolan Johnson, Purchasing Manager, Hubbard Supply, Inc., Fayetteville, NC</p>	

C-PORT Roof Top Pipe Supports

PICTORIAL INDEX

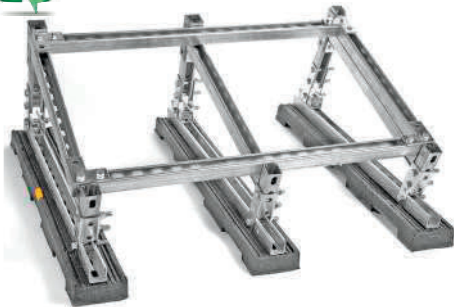
 <p>CXM, CXM20, CXH & C5 - SMALL RUBBER SUPPORT SERIES (PAGE 2)</p>	 <p>CXP - RUBBER SUPPORT SERIES (PAGE 2)</p>	 <p>C - RUBBER SUPPORT SERIES WITH 13/16" GALVANIZED STEEL CHANNEL (PAGE 3)</p>	 <p>C510 & C6 - RUBBER SUPPORT SERIES WITH 1 5/8" GALVANIZED STEEL CHANNEL (Page 3)</p>
 <p>CXW - WIDEBODY RUBBER 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>
 <p>CESW - WIDEBODY, WATER AND STEAM SUPPORT, MEDIUM LOAD SERIES (PAGE 11)</p>	 <p>DS and DSW - DUCT SUPPORT SERIES, EXTRA HEAVY DUTY (PAGE 12)</p>	 <p>DSA10 - DUCT SUPPORT SERIES (PAGE 13)</p>	 <p>DSAW12 - WIDEBODY, DUCT SUPPORT SERIES (PAGE 13)</p>
 <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>"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!"</p> <p>—Mike Bright, Arizona Pinnacle Engineering</p>

C-PORT Roof Top Pipe Supports

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	LIST PRICE
CP36-2436	24" (610)	36" (914)	36" (914)	2	67.08 lbs.	\$660.00
CP36-2448	24" (610)	48" (1219)	36" (914)	2	70.92 lbs.	\$676.50
CP36-2472	24" (610)	72" (1829)	36" (914)	3	102.50 lbs.	\$970.25

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

PICTORIAL INDEX	
A single-door dialysis box with a red-handled valve and a pressure gauge on the interior panel.	A double-door dialysis box with two red-handled valves and pressure gauges on the interior panels.
A single-door dialysis box with a red-handled valve and a pressure gauge on the interior panel.	A double-door dialysis box with two red-handled valves and pressure gauges on the interior panels.
A double-door dialysis box with two red-handled valves and pressure gauges on the interior panels.	A vertical double-door dialysis box with two red-handled valves and pressure gauges on the interior panels.
A double-door dialysis box with two red-handled valves and pressure gauges on the interior panels.	A single-door dialysis box with a red-handled valve and a pressure gauge on the interior panel.

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



WHOLESALE

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
PRODUCTS
(LIT-048)



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



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



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



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



TD-2023
GRP & STEEL
TRENCH DRAINS
(LIT-046)



TDS-2023
SHOWER DRAINS
(LIT-077)



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



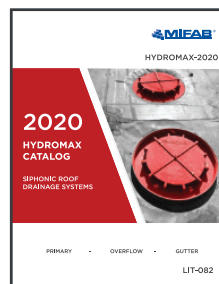
ROOFGUARD-2020
ROOFGUARD ROOF
DOMES
(LIT-058)



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



DB-2022
DIALYSIS BOXES
(LIT-070)



HYDROMAX-2020
SIPHONIC DRAINAGE
(LIT-062)



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



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



The background of the entire page is a collage of four different MIFAB grate designs. In the top left is a square grate with a grid of rectangular slots. In the top right is a circular grate with curved, parallel slots. In the bottom left is a circular grate with a complex, interlocking pattern. In the bottom right is a square grate with vertical slots. The text "THE MIFAB LOOK BOOK" is centered over the middle of the collage.

THE MIFAB LOOK BOOK

LIT-106