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Light Commercial Products List Price Guide

LIT-048

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

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TERMS AND WARRANTIES

WHOLESALE DISCOUNT:

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

FREIGHT ALLOWANCE: Ex Works, MIFAB's Chicago, Illinois Factory or Manufacturer Representative's warehouse with full motor freight allowed on shipments of \$3,500.00 Net or more, within the continental U.S.A. and Canada, except Alaska, Hawaii and Puerto Rico. MIFAB reserves the right to choose the carrier and route of shipment. Alaska: Ex Works, Seattle, WA. Hawaii: Freight allowed on shipments of \$3,500.00 or more only when shipped from West Coast, U.S. Puerto Rico: Ex Works, Miami, Florida. There is no allowance for United Parcel Service, Federal Express or Shipment by air service. Full motor freight is allowed on shipments of \$3,500.00 Net or more, within the continental U.S.A. and Canada for any combination of BEECO, Counterline, No Hub Coupling, Trench Drain, Access Door and Trap Seal Primer products. Shipping dates are estimates and time of delivery is not the essence of the sale of the contract. Therefore, under no circumstances will MIFAB® have any responsibility on account of any delays in manufacture, transportation, or otherwise. Additional freight services such as construction site delivery, lift gate delivery service, re-consigned freight or notification charges, are not included in full freight allowance terms, and will result in additional freight charges.

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

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

RETURNED GOODS RESTOCKING CHARGE: Standard product may be returned within a one year period only with written permission from MIFAB®. All products in catalog are not considered Standard. Standard product to be determined by MIFAB®. Returned goods are subject to a 25% restocking charge, plus cost of reconditioning, if necessary, to make material saleable. Material must be returned to MIFAB® freight prepaid only after written permission from MIFAB® to accept the returned material. Buyer must provide copy of the original invoice on which the material was charged. The original outgoing freight cost to ship the order will be deducted from the credit. Credit allowance will be in the form of merchandise credit only-not cash credit which must be used within 12 months of the date of issue. The value of a return must total \$100.00 to qualify for credit allowance. No credit will be allowed for auxiliary tappings, discontinued, or made to order items. Products designated non stock and / or that have been specially made (require a sign off drawing by MIFAB®) are not subject to return or cancellation.

LIMITED WARRANTY: MIFAB® warrants each product against defects in material and workmanship for a period of one year from the date of original shipment. In the event of such defects within the warranty period, MIFAB® will, at its option, replace or recondition the product without charge. This shall constitute the exclusive remedy for breach of warranty, and MIFAB® shall not be responsible for any incidental or consequential damages, including, without limitation, damages or other costs resulting from labor charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemicals, or any other circumstances over which MIFAB® has no control. This warranty shall be invalidated by any abuse, misuse, misapplication or improper installation of the product.

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

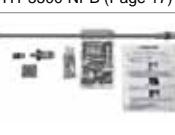
ILLUSTRATIONS OR TYPICAL INSTALLATIONS: The typical installations for various products in each product section are intended to illustrate the products and their options. Under no circumstances are they to be construed as recommended installation procedures. Consult local codes and project specifications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

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

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

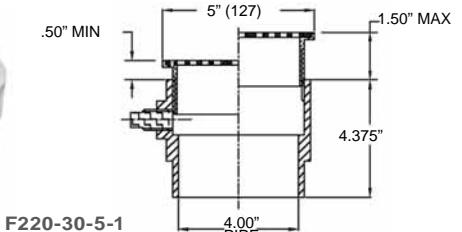
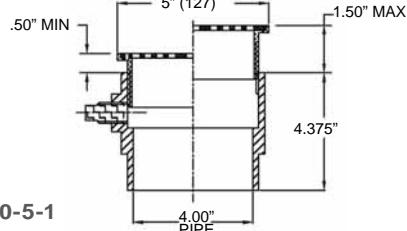
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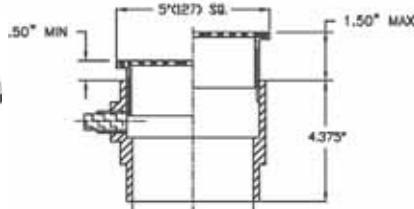
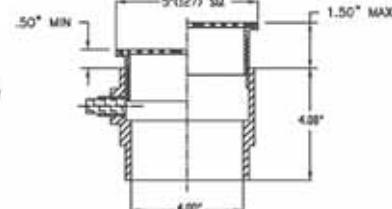
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COUNTERLine
F220
ROUND ADJUSTABLE FLOOR DRAIN

F220-30-5-1

F220-5-1

MODEL #	OUTLET SIZE	STRAINER DIAMETER & MATERIAL	LIST PRICE
F222P-5-1	2" Push On (Cast Iron)	5" Round, Nickel Bronze	\$85.50
F223P-5-1	3" Push On (Cast Iron)	5" Round, Nickel Bronze	\$85.50
F224P-5-1	4" Push On (Cast Iron)	5" Round, Nickel Bronze	\$85.50
F222P-6-1	2" Push On (Cast Iron)	6" Round, Nickel Bronze	\$105.50
F223P-6-1	3" Push On (Cast Iron)	6" Round, Nickel Bronze	\$105.50
F224P-6-1	4" Push On (Cast Iron)	6" Round, Nickel Bronze	\$105.50
F222P-5-4	2" Push On (Cast Iron)	5" Round, Ductile Iron	\$76.50
F223P-5-4	3" Push On (Cast Iron)	5" Round, Ductile Iron	\$76.50
F224P-5-4	4" Push On (Cast Iron)	5" Round, Ductile Iron	\$76.50
OPTIONAL VARIATIONS			
SUFFIX	DESCRIPTION	LIST PRICE	
-6	Vandal Proof (H-1039A - 3 pieces)	\$4.00	

COUNTERLine
F220-S
SQUARE ADJUSTABLE FLOOR DRAIN

Adjustable Floor Drain with no anchor flange for slab on grade installations and Square Strainer. 1/2" Trap Seal Primer tapping included with all bodies.


F220-30-S5-1

F220-S5-1

OPTIONAL VARIATIONS	SUFFIX	DESCRIPTION	LIST PRICE
-6		Vandal Proof (H-1039A - 3 pieces)	\$4.00

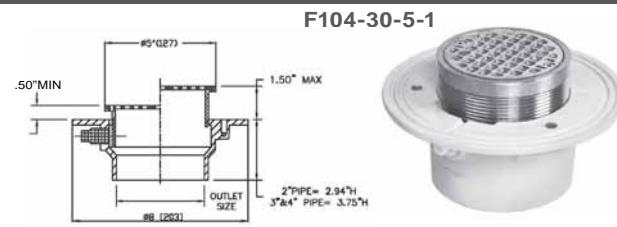
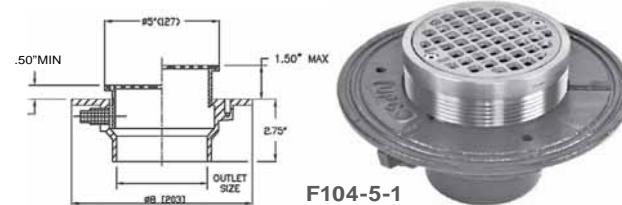
Adjustable Floor Drain with no anchor flange for slab on grade installations and Round Strainer. 1/2" Trap Seal Primer tapping included with all bodies.

MODEL #	OUTLET SIZE	STRAINER DIAMETER & MATERIAL	LIST PRICE
F222-30-S5-1	2" PVC socket	5" Square, Nickel Bronze	\$72.00
F223-30-S5-1	3" PVC socket	5" Square, Nickel Bronze	\$72.00
F224-30-S5-1	4" PVC socket	5" Square, Nickel Bronze	\$72.00
F222-30-S6-1	2" PVC socket	6" Square, Nickel Bronze	\$92.00
F223-30-S6-1	3" PVC socket	6" Square, Nickel Bronze	\$92.00
F224-30-S6-1	4" PVC socket	6" Square, Nickel Bronze	\$92.00
F222-31-S5-1	2" ABS socket	5" Square, Nickel Bronze	\$72.00
F223-31-S5-1	3" ABS socket	5" Square, Nickel Bronze	\$72.00
F224-31-S5-1	4" ABS socket	5" Square, Nickel Bronze	\$72.00
F222-31-S6-1	2" ABS socket	6" Square, Nickel Bronze	\$92.00
F223-31-S6-1	3" ABS socket	6" Square, Nickel Bronze	\$92.00
F224-31-S6-1	4" ABS socket	6" Square, Nickel Bronze	\$92.00
F222-S5-1	2" No Hub (Cast Iron)	5" Square, Nickel Bronze	\$91.50
F223-S5-1	3" No Hub (Cast Iron)	5" Square, Nickel Bronze	\$91.50
F224-S5-1	4" No Hub (Cast Iron)	5" Square, Nickel Bronze	\$91.50
F222-S6-1	2" No Hub (Cast Iron)	6" Square, Nickel Bronze	\$111.50
F223-S6-1	3" No Hub (Cast Iron)	6" Square, Nickel Bronze	\$111.50
F224-S6-1	4" No Hub (Cast Iron)	6" Square, Nickel Bronze	\$111.50
F222P-S5-1	2" Push On (Cast Iron)	5" Square, Nickel Bronze	\$96.00
F223P-S5-1	3" Push On (Cast Iron)	5" Square, Nickel Bronze	\$96.00
F224P-S5-1	4" Push On (Cast Iron)	5" Square, Nickel Bronze	\$96.00
F222P-S6-1	2" Push On (Cast Iron)	6" Square, Nickel Bronze	\$116.00
F223P-S6-1	3" Push On (Cast Iron)	6" Square, Nickel Bronze	\$116.00
F224P-S6-1	4" Push On (Cast Iron)	6" Square, Nickel Bronze	\$116.00

COUNTERLINE
F100
ROUND ADJUSTABLE FLOOR DRAIN w/ FLANGE

Adjustable Floor Drain with anchor flange and Round Strainer. $\frac{1}{2}$ " Trap Seal Primer tapping included with all bodies.

MODEL #	OUTLET SIZE	STRAINER DIAMETER & MATERIAL	LIST PRICE
F102-30-5-1	2" PVC socket	5" Round, Nickel Bronze	\$52.00
F103-30-5-1	3" PVC socket	5" Round, Nickel Bronze	\$52.00
F104-30-5-1	4" PVC socket	5" Round, Nickel Bronze	\$52.00
F102-30-6-1	2" PVC socket	6" Round, Nickel Bronze	\$73.00
F103-30-6-1	3" PVC socket	6" Round, Nickel Bronze	\$73.00
F104-30-6-1	4" PVC socket	6" Round, Nickel Bronze	\$73.00
F102-30-5-4	2" PVC socket	5" Round, Ductile Iron	\$46.00
F103-30-5-4	3" PVC socket	5" Round, Ductile Iron	\$46.00
F104-30-5-4	4" PVC socket	5" Round, Ductile Iron	\$46.00
F102-31-5-1	2" ABS socket	5" Round, Nickel Bronze	\$52.00
F103-31-5-1	3" ABS socket	5" Round, Nickel Bronze	\$52.00
F104-31-5-1	4" ABS socket	5" Round, Nickel Bronze	\$52.00
F102-31-6-1	2" ABS socket	6" Round, Nickel Bronze	\$73.00
F103-31-6-1	3" ABS socket	6" Round, Nickel Bronze	\$73.00
F104-31-6-1	4" ABS socket	6" Round, Nickel Bronze	\$73.00
F102-31-5-4	2" ABS socket	5" Round, Ductile Iron	\$46.00
F103-31-5-4	3" ABS socket	5" Round, Ductile Iron	\$46.00
F104-31-5-4	4" ABS socket	5" Round, Ductile Iron	\$46.00
F102-5-1	2" No Hub (Cast Iron)	5" Round, Nickel Bronze	\$81.00
F103-5-1	3" No Hub (Cast Iron)	5" Round, Nickel Bronze	\$81.00
F104-5-1	4" No Hub (Cast Iron)	5" Round, Nickel Bronze	\$81.00
F102-6-1	2" No Hub (Cast Iron)	6" Round, Nickel Bronze	\$101.00
F103-6-1	3" No Hub (Cast Iron)	6" Round, Nickel Bronze	\$101.00
F104-6-1	4" No Hub (Cast Iron)	6" Round, Nickel Bronze	\$101.00
F102-5-4	2" No Hub (Cast Iron)	5" Round, Ductile Iron	\$75.00
F103-5-4	3" No Hub (Cast Iron)	5" Round, Ductile Iron	\$75.00
F104-5-4	4" No Hub (Cast Iron)	5" Round, Ductile Iron	\$75.00


F104-30-5-1

F104-5-1

MODEL #	OUTLET SIZE	STRAINER DIAMETER & MATERIAL	LIST PRICE
F102P-5-1	2" Push On (Cast Iron)	5" Round, Nickel Bronze	\$85.50
F103P-5-1	3" Push On (Cast Iron)	5" Round, Nickel Bronze	\$85.50
F104P-5-1	4" Push On (Cast Iron)	5" Round, Nickel Bronze	\$85.50
F102P-6-1	2" Push On (Cast Iron)	6" Round, Nickel Bronze	\$105.50
F103P-6-1	3" Push On (Cast Iron)	6" Round, Nickel Bronze	\$105.50
F104P-6-1	4" Push On (Cast Iron)	6" Round, Nickel Bronze	\$105.50
F102P-5-4	2" Push On (Cast Iron)	5" Round, Ductile Iron	\$79.50
F103P-5-4	3" Push On (Cast Iron)	5" Round, Ductile Iron	\$79.50
F104P-5-4	4" Push On (Cast Iron)	5" Round, Ductile Iron	\$79.50

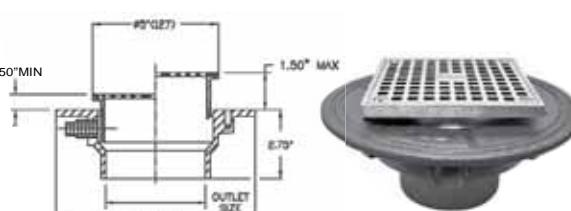
OPTIONAL VARIATIONS

SUFFIX	DESCRIPTION	LIST PRICE
-6	Vandal Proof (H-1039A - 3 pieces)	\$4.00

COUNTERLINE
F100-S
SQUARE ADJUSTABLE FLOOR DRAIN w/ FLANGE

MODEL #	OUTLET SIZE	STRAINER DIAMETER & MATERIAL	LIST PRICE
F102-30-S5-1	2" PVC socket	5" Square, Nickel Bronze	\$78.00
F103-30-S5-1	3" PVC socket	5" Square, Nickel Bronze	\$78.00
F104-30-S5-1	4" PVC socket	5" Square, Nickel Bronze	\$78.00
F102-30-S6-1	2" PVC socket	6" Square, Nickel Bronze	\$98.00
F103-30-S6-1	3" PVC socket	6" Square, Nickel Bronze	\$98.00
F104-30-S6-1	4" PVC socket	6" Square, Nickel Bronze	\$98.00
F102-31-S5-1	2" ABS socket	5" Square, Nickel Bronze	\$78.00
F103-31-S5-1	3" ABS socket	5" Square, Nickel Bronze	\$78.00
F104-31-S5-1	4" ABS socket	5" Square, Nickel Bronze	\$78.00
F102-31-S6-1	2" ABS socket	6" Square, Nickel Bronze	\$98.00
F103-31-S6-1	3" ABS socket	6" Square, Nickel Bronze	\$98.00
F104-31-S6-1	4" ABS socket	6" Square, Nickel Bronze	\$98.00
F102-S5-1	2" No Hub (Cast Iron)	5" Square, Nickel Bronze	\$95.50
F103-S5-1	3" No Hub (Cast Iron)	5" Square, Nickel Bronze	\$95.50
F104-S5-1	4" No Hub (Cast Iron)	5" Square, Nickel Bronze	\$95.50
F102-S6-1	2" No Hub (Cast Iron)	6" Square, Nickel Bronze	\$115.50
F103-S6-1	3" No Hub (Cast Iron)	6" Square, Nickel Bronze	\$115.50
F104-S6-1	4" No Hub (Cast Iron)	6" Square, Nickel Bronze	\$115.50
F102P-S5-1	2" Push On (Cast Iron)	5" Square, Nickel Bronze	\$100.00
F103P-S5-1	3" Push On (Cast Iron)	5" Square, Nickel Bronze	\$100.00
F104P-S5-1	4" Push On (Cast Iron)	5" Square, Nickel Bronze	\$100.00
F102P-S6-1	2" Push On (Cast Iron)	6" Square, Nickel Bronze	\$120.00
F103P-S6-1	3" Push On (Cast Iron)	6" Square, Nickel Bronze	\$120.00
F104P-S6-1	4" Push On (Cast Iron)	6" Square, Nickel Bronze	\$120.00

Adjustable Floor Drain with anchor flange and Square Strainer. $\frac{1}{2}$ " Trap Seal Primer tapping included with all bodies.


F104-30-S5-1

F104-S5-1

SUFFIX	DESCRIPTION	LIST PRICE
-6	Vandal Proof (H-1039A - 3 pieces)	\$4.00

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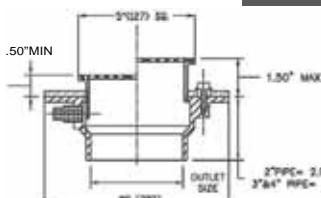
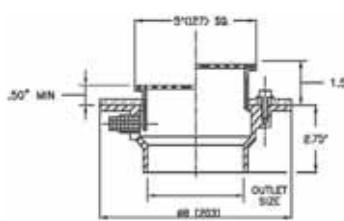
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COUNTERLINE
F100-C

F104-30-C-5-1

F104-C-5-1

**ROUND ADJUSTABLE FLOOR DRAIN
with FLANGE AND CLAMP**

Adjustable Floor Drain with anchor flange, membrane clamp and Round Strainer. 1/2" Trap Seal Primer tapping included with all bodies.

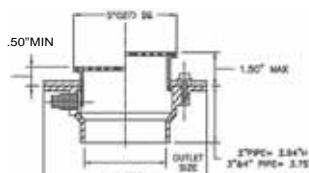
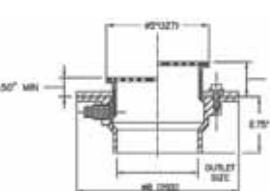
MODEL #	OUTLET SIZE	STRAINER DIAMETER & MATERIAL	LIST PRICE
F102-30-C-5-1	2" PVC socket	5" Round, Nickel Bronze	\$64.00
F103-30-C-5-1	3" PVC socket	5" Round, Nickel Bronze	\$64.00
F104-30-C-5-1	4" PVC socket	5" Round, Nickel Bronze	\$64.00
F102-30-C-6-1	2" PVC socket	6" Round, Nickel Bronze	\$84.00
F103-30-C-6-1	3" PVC socket	6" Round, Nickel Bronze	\$84.00
F104-30-C-6-1	4" PVC socket	6" Round, Nickel Bronze	\$84.00
F102-30-C-5-4	2" PVC socket	5" Round, Ductile Iron	\$58.00
F103-30-C-5-4	3" PVC socket	5" Round, Ductile Iron	\$58.00
F104-30-C-5-4	4" PVC socket	5" Round, Ductile Iron	\$58.00
F102-31-C-5-1	2" ABS socket	5" Round, Nickel Bronze	\$64.00
F103-31-C-5-1	3" ABS socket	5" Round, Nickel Bronze	\$64.00
F104-31-C-5-1	4" ABS socket	5" Round, Nickel Bronze	\$64.00
F102-31-C-6-1	2" ABS socket	6" Round, Nickel Bronze	\$84.00
F103-31-C-6-1	3" ABS socket	6" Round, Nickel Bronze	\$84.00
F104-31-C-6-1	4" ABS socket	6" Round, Nickel Bronze	\$84.00
F102-31-C-5-4	2" ABS socket	5" Round, Ductile Iron	\$58.00
F103-31-C-5-4	3" ABS socket	5" Round, Ductile Iron	\$58.00
F104-31-C-5-4	4" ABS socket	5" Round, Ductile Iron	\$58.00
F102-C-5-1	2" No Hub (Cast Iron)	5" Round, Nickel Bronze	\$79.00
F103-C-5-1	3" No Hub (Cast Iron)	5" Round, Nickel Bronze	\$79.00
F104-C-5-1	4" No Hub (Cast Iron)	5" Round, Nickel Bronze	\$79.00
F102-C-6-1	2" No Hub (Cast Iron)	6" Round, Nickel Bronze	\$99.00
F103-C-6-1	3" No Hub (Cast Iron)	6" Round, Nickel Bronze	\$99.00
F104-C-6-1	4" No Hub (Cast Iron)	6" Round, Nickel Bronze	\$99.00
F102-C-5-4	2" No Hub (Cast Iron)	5" Round, Ductile Iron	\$73.00
F103-C-5-4	3" No Hub (Cast Iron)	5" Round, Ductile Iron	\$73.00
F104-C-5-4	4" No Hub (Cast Iron)	5" Round, Ductile Iron	\$73.00

OPTIONAL VARIATIONS

SUFFIX	DESCRIPTION	LIST PRICE
-6	Vandal Proof (H-1039A - 3 pieces)	\$4.00

COUNTERLINE
F100-C-S
**SQUARE ADJUSTABLE FLOOR DRAIN
with FLANGE AND CLAMP**

Adjustable Floor Drain with anchor flange, membrane clamp and Square Strainer. 1/2" Trap Seal Primer tapping included with all bodies.


F104-30-C-S5-1

F104-C-S5-1

OPTIONAL VARIATIONS

SUFFIX	DESCRIPTION	LIST PRICE
-6	Vandal Proof (H-1039A - 3 pieces)	\$4.00

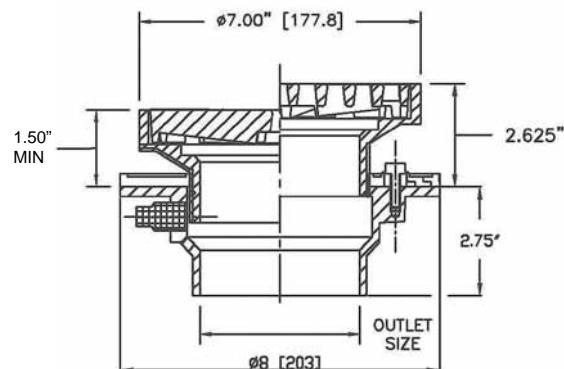
MODEL #	OUTLET SIZE	STRAINER DIAMETER & MATERIAL	LIST PRICE
F102-30-C-S5-1	2" PVC socket	5" Square, Nickel Bronze	\$73.00
F103-30-C-S5-1	3" PVC socket	5" Square, Nickel Bronze	\$73.00
F104-30-C-S5-1	4" PVC socket	5" Square, Nickel Bronze	\$73.00
F102-30-C-S6-1	2" PVC socket	6" Square, Nickel Bronze	\$93.00
F103-30-C-S6-1	3" PVC socket	6" Square, Nickel Bronze	\$93.00
F104-30-C-S6-1	4" PVC socket	6" Square, Nickel Bronze	\$93.00
F102-31-C-S5-1	2" ABS socket	5" Square, Nickel Bronze	\$73.00
F103-31-C-S5-1	3" ABS socket	5" Square, Nickel Bronze	\$73.00
F104-31-C-S5-1	4" ABS socket	5" Square, Nickel Bronze	\$73.00
F102-31-C-S6-1	2" ABS socket	6" Square, Nickel Bronze	\$93.00
F103-31-C-S6-1	3" ABS socket	6" Square, Nickel Bronze	\$93.00
F104-31-C-S6-1	4" ABS socket	6" Square, Nickel Bronze	\$93.00
F102-C-S5-1	2" No Hub (Cast Iron)	5" Square, Nickel Bronze	\$86.50
F103-C-S5-1	3" No Hub (Cast Iron)	5" Square, Nickel Bronze	\$86.50
F104-C-S5-1	4" No Hub (Cast Iron)	5" Square, Nickel Bronze	\$86.50
F102-C-S6-1	2" No Hub (Cast Iron)	6" Square, Nickel Bronze	\$106.50
F103-C-S6-1	3" No Hub (Cast Iron)	6" Square, Nickel Bronze	\$106.50
F104-C-S6-1	4" No Hub (Cast Iron)	6" Square, Nickel Bronze	\$106.50
F102P-C-S5-1	2" Push On (Cast Iron)	5" Square, Nickel Bronze	\$91.00
F103P-C-S5-1	3" Push On (Cast Iron)	5" Square, Nickel Bronze	\$91.00
F104P-C-S5-1	4" Push On (Cast Iron)	5" Square, Nickel Bronze	\$91.00
F102P-C-S6-1	2" Push On (Cast Iron)	6" Square, Nickel Bronze	\$111.00
F103P-C-S6-1	3" Push On (Cast Iron)	6" Square, Nickel Bronze	\$111.00
F104P-C-S6-1	4" Push On (Cast Iron)	6" Square, Nickel Bronze	\$111.00

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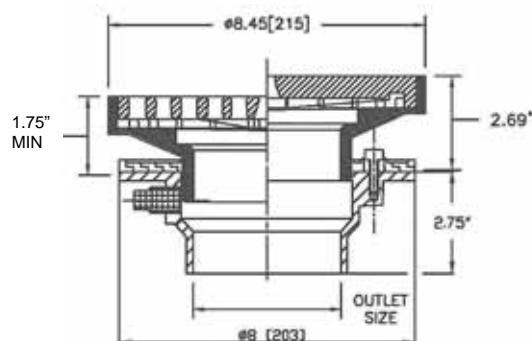
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COUNTERLINE
F300
7" ROUND ADJUSTABLE AREA DRAIN

Adjustable Area Drain with anchor flange and 7" Round Strainer.
1/2" Trap Seal Primer tapping included with all bodies.

F303-30-4

COUNTERLINE
F320
9" ROUND ADJUSTABLE AREA DRAIN

Adjustable Area Drain with anchor flange and 9" Round Strainer.
1/2" Trap Seal Primer tapping included with all bodies.

F324-30-4


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

Visit www.mifab.com for the most recent product information.

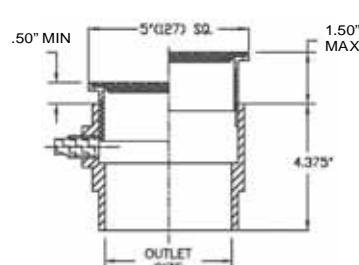
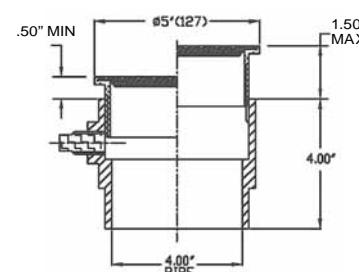
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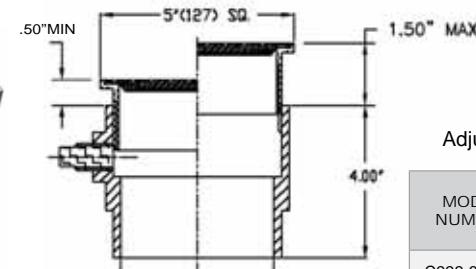
COUNTERLINE
C220-R
5" ROUND ADJUSTABLE FLOOR CLEANOUT

C224-30-R-4

C224-R-1


Adjustable Floor Cleanout with Round Top Assembly.

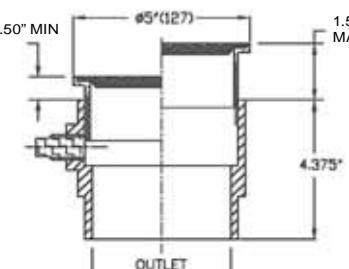
MODEL #	OUTLET SIZE	TOP ASSEMBLY DIAMETER AND MATERIAL	LIST PRICE
C222-30-R-1	2" PVC socket	5" Round, Nickel Bronze	\$64.50
C223-30-R-1	3" PVC socket	5" Round, Nickel Bronze	\$64.50
C224-30-R-1	4" PVC socket	5" Round, Nickel Bronze	\$64.50
C222-30-R-4	2" PVC socket	5" Round, Ductile Iron	\$51.00
C223-30-R-4	3" PVC socket	5" Round, Ductile Iron	\$51.00
C224-30-R-4	4" PVC socket	5" Round, Ductile Iron	\$51.00
C222-31-R-1	2" ABS socket	5" Round, Nickel Bronze	\$64.50
C223-31-R-1	3" ABS socket	5" Round, Nickel Bronze	\$64.50
C224-31-R-1	4" ABS socket	5" Round, Nickel Bronze	\$64.50
C222-31-R-4	2" ABS socket	5" Round, Ductile Iron	\$51.00
C223-31-R-4	3" ABS socket	5" Round, Ductile Iron	\$51.00
C224-31-R-4	4" ABS socket	5" Round, Ductile Iron	\$51.00
C222-R-1	2" No Hub (Cast Iron)	5" Round, Nickel Bronze	\$83.00
C223-R-1	3" No Hub (Cast Iron)	5" Round, Nickel Bronze	\$83.00
C224-R-1	4" No Hub (Cast Iron)	5" Round, Nickel Bronze	\$83.00
C222-R-4	2" No Hub (Cast Iron)	5" Round, Ductile Iron	\$73.00
C223-R-4	3" No Hub (Cast Iron)	5" Round, Ductile Iron	\$73.00
C224-R-4	4" No Hub (Cast Iron)	5" Round, Ductile Iron	\$73.00
C222P-R-1	2" Push On (Cast Iron)	5" Round, Nickel Bronze	\$87.50
C223P-R-1	3" Push On (Cast Iron)	5" Round, Nickel Bronze	\$87.50
C224P-R-1	4" Push On (Cast Iron)	5" Round, Nickel Bronze	\$87.50
C222P-R-4	2" Push On (Cast Iron)	5" Round, Ductile Iron	\$77.50
C223P-R-4	3" Push On (Cast Iron)	5" Round, Ductile Iron	\$77.50
C224P-R-4	4" Push On (Cast Iron)	5" Round, Ductile Iron	\$77.50

COUNTERLINE
C220-S
5" SQUARE ADJUSTABLE FLOOR CLEANOUT

C224-S-1


Adjustable Floor Cleanout with Square Top Assembly.

MODEL NUMBER	OUTLET SIZE	TOP ASSEMBLY DIAMETER AND MATERIAL	LIST PRICE
C222-30-S-1	2" PVC socket	5" Square, Nickel Bronze	\$75.50
C223-30-S-1	3" PVC socket	5" Square, Nickel Bronze	\$75.50
C224-30-S-1	4" PVC socket	5" Square, Nickel Bronze	\$75.50
C222-31-S-1	2" ABS socket	5" Square, Nickel Bronze	\$75.50
C223-31-S-1	3" ABS socket	5" Square, Nickel Bronze	\$75.50
C224-31-S-1	4" ABS socket	5" Square, Nickel Bronze	\$75.50
C222-S-1	2" No Hub (Cast Iron)	5" Square, Nickel Bronze	\$93.00
C223-S-1	3" No Hub (Cast Iron)	5" Square, Nickel Bronze	\$93.00
C224-S-1	4" No Hub (Cast Iron)	5" Square, Nickel Bronze	\$93.00
C222P-S-1	2" Push On (Cast Iron)	5" Square, Nickel Bronze	\$97.50
C223P-S-1	3" Push On (Cast Iron)	5" Square, Nickel Bronze	\$97.50
C224P-S-1	4" Push On (Cast Iron)	5" Square, Nickel Bronze	\$97.50


C224-30-S-1


COUNTERLINE
DRAIN BODIES
 (A1 BODY WITH FLANGE, A4 BODY WITHOUT FLANGE)

A4 BODY - CAST IRON PUSH ON WITH GASKET

1/2" Trap seal primer tapping and plug included for no extra cost.

MODEL #	DESCRIPTION	LIST PRICE
A4-2P-7-CL	2" Push On Outlet Size	\$36.00
A4-3P-7-CL	3" Push On Outlet Size	\$36.00
A4-4P-7-CL	4" Push On Outlet Size	\$36.00


A4 BODY - CAST IRON NO HUB

1/2" Trap seal primer tapping and plug included for no extra cost.

MODEL #	DESCRIPTION	LIST PRICE
A4-2NH-7-CL	2" No Hub Outlet Size	\$36.00
A4-3NH-7-CL	3" No Hub Outlet Size	\$36.00
A4-4NH-7-CL	4" No Hub Outlet Size	\$36.00


A4 BODY - PVC SOLVENT WELD

1/2" Trap seal primer tapping and plug included for no extra cost.

MODEL #	DESCRIPTION	LIST PRICE
A4-2-30-7-CL	2" PVC Solvent Weld Outlet Size	\$22.00
A4-3-30-7-CL	3" PVC Solvent Weld Outlet Size	\$22.00
A4-4-30-7-CL	4" PVC Solvent Weld Outlet Size	\$22.00


A4 BODY - ABS SOLVENT WELD

1/2" Trap seal primer tapping and plug included for no extra cost.

MODEL #	DESCRIPTION	LIST PRICE
A4-2-31-7-CL	2" ABS Solvent Weld Outlet Size	\$22.00
A4-3-31-7-CL	3" ABS Solvent Weld Outlet Size	\$22.00
A4-4-31-7-CL	4" ABS Solvent Weld Outlet Size	\$22.00


A1 BODY - CAST IRON PUSH ON WITH GASKET

1/2" Trap seal primer tapping and plug included for no extra cost.

MODEL #	DESCRIPTION	LIST PRICE
A1-2P-7-CL	2" Push On Outlet Size	\$40.00
A1-3P-7-CL	3" Push On Outlet Size	\$40.00
A1-4P-7-CL	4" Push On Outlet Size	\$40.00


A1 BODY - CAST IRON NO HUB

1/2" Trap seal primer tapping and plug included for no extra cost.

MODEL #	DESCRIPTION	LIST PRICE
A1-2NH-7-CL	2" No Hub Outlet Size	\$40.00
A1-3NH-7-CL	3" No Hub Outlet Size	\$40.00
A1-4NH-7-CL	4" No Hub Outlet Size	\$40.00


A1 BODY - PVC SOLVENT WELD

1/2" Trap seal primer tapping and plug included for no extra cost.

MODEL #	DESCRIPTION	LIST PRICE
A1-2-30-7-CL	2" PVC Solvent Weld Outlet Size	\$28.00
A1-3-30-7-CL	3" PVC Solvent Weld Outlet Size	\$28.00
A1-4-30-7-CL	4" PVC Solvent Weld Outlet Size	\$28.00


A1 BODY - ABS SOLVENT WELD

1/2" Trap seal primer tapping and plug included for no extra cost.

MODEL #	DESCRIPTION	LIST PRICE
A1-2-31-7-CL	2" ABS Solvent Weld Outlet Size	\$28.00
A1-3-31-7-CL	3" ABS Solvent Weld Outlet Size	\$28.00
A1-4-31-7-CL	4" ABS Solvent Weld Outlet Size	\$28.00


DRAIN TOPS


ROUND

MODEL #	DESCRIPTION	LIST PRICE
5-1-CL	5" Round Nickel Bronze Strainer	\$41.50
6-1-CL	6" Round Nickel Bronze Strainer	\$65.00
F300-TA-4-CL	7" Round Ductile Iron Strainer	\$61.00
F320-TA-4-CL	9" Round Ductile Iron Strainer	\$75.50
X5-4-CL	5" Round Heavy Duty Ductile Iron Strainer	\$18.00



SQUARE

MODEL #	DESCRIPTION	LIST PRICE
S5-1-CL	5" Square Nickel Bronze Strainer	\$61.50
S6-1-CL	6" Square Nickel Bronze Strainer	\$85.00

CLEANOUT TOPS


ROUND

MODEL #	DESCRIPTION	LIST PRICE
R-1-CL	5" Round Nickel Bronze Cleanout Top Assembly	\$42.50
XR-4-CL	5" Round Heavy Duty Ductile Iron Cleanout Top Assembly	\$29.00



SQUARE

MODEL #	DESCRIPTION	LIST PRICE
S-1-CL	5" Square Nickel Bronze Cleanout Top Assembly	\$53.50

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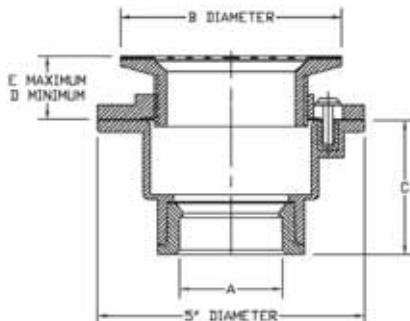
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SD7000
SHOWER DRAIN

Shower drain with ABS, or lacquered cast iron body, membrane clamp, adjustable strainer with stainless steel grate. Recommended for molded shower stalls where the drain body is placed on the pipe before the shower unit is installed.



SD7001, SD7002	With ABS body -	\$15.00 List Price
SD7101, SD7102	with Cast Iron body -	\$18.50 List Price

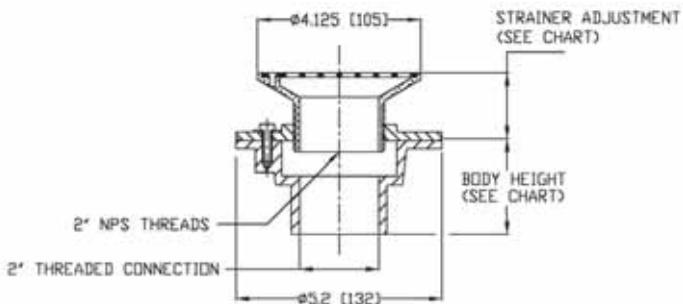
MODEL NUMBER	PRODUCT DESCRIPTION	A IN	B IN	C IN	D IN	E IN	WEIGHT LBS.
SD7001	1 1/2" (38) ABS w/S.S. Grate	1 7/8" (48)	4" (100)	2 1/2" (64)	3/4" (19)	1 1/2" (38)	.75 lbs.
SD7002	2" (50) ABS w/S.S. Grate	2 3/8" (60) IPS	4" (100)	2 1/2" (64)	3/4" (19)	1 1/2" (38)	.75 lbs.
SD7101	1 1/2" (38) C.I. w/S.S. Grate	1 1/2" (38) IPS	4" (100)	2 1/2" (64)	3/4" (19)	1 1/2" (38)	1.75 lbs.
SD7102	2" (50) C.I. w/S.S. Grate	2" (51) IPS	4" (100)	2 1/2" (64)	3/4" (19)	1 1/2" (38)	1.75 lbs.

OPTIONAL VARIATIONS

MODEL #	DESCRIPTION	LIST PRICE
-6	Vandal Proof	\$5.00

FD212TC-49
HEAVY DUTY SHOWER / FLOOR DRAIN

Heavy duty shower drain with lacquered cast iron body, membrane clamp, and standard chrome plated strainer.


FD212TC-49 illustrated
FD212TC-49 illustrated

FD212TC-49	\$47.00
FD212C-49	\$47.00
FD212C-S5-49	\$50.00
FD212TC-S5-49	\$50.00

MODEL NUMBER	STRAINER SIZE	STRAINER ADJUSTMENT			ANSI / ASME RATING		BODY HEIGHT THREADED (T)	WEIGHT LBS.
		PIPE SIZE	MIN.	MAX.	FREE AREA	LOAD RATING		
FD212TC-49	4 1/8" (105) DIA.	2" (52) I.P.S.	1 3/8" (35)	2 1/4" (63)	5.0 in (sq. sign)	Up to 2,000 lbs.	2 5/16" (59) I.P.S.	4 lbs.
FD212C-49	4 1/8" (105) DIA.	2" (52) No Hub	1 3/8" (35)	2 1/4" (63)	5.0 in (sq. sign)	Up to 2,000 lbs.	2 1/2" (63) No Hub	4 lbs.
FD212C-S5-49	5" (125) x 5" (125)	2" (52) No Hub	1 3/8" (35)	2 1/4" (63)	9.0 in (sq. sign)	Up to 2,000 lbs.	2 1/2" (63) No Hub	5 lbs.
FD212TC-S5-49	5" (125) x 5" (125)	2" (52) I.P.S.	1 3/8" (35)	2 1/4" (63)	9.0 in (sq. sign)	Up to 2,000 lbs.	2 5/16" (59) I.P.S.	5 lbs.

FD230
LIGHT DUTY FLOOR DRAIN

Light duty floor drain with PVC, ABS or lacquered cast iron body, and 5" diameter ductile iron or nickel bronze grate.

All models with ductile iron grate	\$19.00
All models with nickel bronze grate	\$32.50



MODEL NUMBER	STRAINER DIAMETER	PIPE SIZE	ANSI / ASME RATING			BODY HEIGHT				WEIGHT LBS.
			FREE AREA	LOAD RATING N.B. (-1)	LOAD RATING D.I. (-4)	CAST IRON BODY (-50)	NICKEL BRONZE BODY (-1)	PVC BODY (-30)	ABS BODY (-31)	
FD232	5" (125)	2" (50)	8 in ² (5200 ²)	Up to 2,000 lbs.	Up to 7,499 lbs.	2 3/16" (56)	2 3/16" (56)	2 5/8" (67)	2 5/8" (67)	4 lbs.
FD233	5" (125)	3" (50)	8 in ² (5200 ²)	Up to 2,000 lbs.	Up to 7,499 lbs.	2 3/16" (56)	2 3/16" (56)	2 5/8" (67)	2 5/8" (67)	4 lbs.
FD234	5" (125)	4" (50)	8 in ² (5200 ²)	Up to 2,000 lbs.	Up to 7,499 lbs.	2 3/16" (56)	2 3/16" (56)	2 5/8" (67)	2 5/8" (67)	4 lbs.

OPTIONAL VARIATIONS

-30	PVC Socket Connection Body	-4	Ductile Iron Grate
-31	ABS Socket Connection Body	-1	Nickel Bronze Grate
-50	No Hub C.I. Cast Iron Body		

FD240
HEAVY DUTY FLOOR DRAIN

Heavy duty lacquered cast iron floor drain with 6 1/2" diameter. 1/2" thick ductile iron grate.



All models	\$70.00
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MODEL NUMBER	PRODUCT DESCRIPTION	A IN	B IN	C IN	D IN	ANSI / ASME LOAD RATING	GRATE THICKNESS	FREE AREA	WEIGHT LBS.
FD242-4	2" (50) No hub C.I. body	2" (50)	6 1/2" (165)	3" (75)	2 3/8" (60)	Heavy Duty	2" (50)	2 5/16" (59)	4 lbs.
FD243-4	3" (75) No hub C.I. body	3" (75)	6 1/2" (165)	3" (75)	3 3/8" (86)	Heavy Duty	3" (75)	2 5/16" (59)	4 lbs.
FD244-4	4" (100) No hub C.I. body	4" (100)	6 1/2" (165)	3" (75)	4 3/8" (111)	Heavy Duty	4" (100)	2 5/16" (59)	4 lbs.

FD230-WF
WOOD DECK FLOOR DRAIN

Floor drain with 1 1/2" securing flange for wood floors, PVC, ABS, or lacquered cast iron body, and 5" diameter frame and grate.



All models with ductile iron grate and nickel bronze frame	\$77.50
All models with nickel bronze frame & grate	\$94.00

MODEL #	STRAINER DIAMETER	PIPE SIZE	ANSI / ASME RATING			BODY HEIGHT			WEIGHT LBS.
			FREE AREA	LOAD RATING N.B. (-1)	CAST IRON BODY (-50)	PVC BODY (-30)	ABS BODY (-31)		
FD232-WF	5" (125)	2" (50)	8 in ² (5200 ²)	Up to 2,000 lbs.	2 3/16" (56)	2 5/8" (67)	2 5/8" (67)	4 lbs.	
FD233-WF	5" (125)	3" (50)	8 in ² (5200 ²)	Up to 2,000 lbs.	2 3/16" (56)	2 5/8" (67)	2 5/8" (67)	4 lbs.	
FD234-WF	5" (125)	4" (50)	8 in ² (5200 ²)	Up to 2,000 lbs.	2 3/16" (56)	2 5/8" (67)	2 5/8" (67)	4 lbs.	

OPTIONAL VARIATIONS

-30	PVC Socket Connection Body	-4	Ductile Iron Grate
-31	ABS Socket Connection Body	-1	Nickel Bronze Grate
-50	No Hub C.I. Cast Iron Body		

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FLOOR DRAIN OPTIONS


SUFFIX	DESCRIPTION	LIST PRICE
-5	Sediment bucket (A1-MB)	\$25.00
-15	Adjustable extension (DD-50-CL)	\$41.00
-F4-50	4" Cast iron funnel (F4-50-CL)	\$46.00
-F6-50	6" Cast iron funnel (F6-50-CL)	\$67.00
-G-50	9" Oval funnel (G-50-CL)	\$74.00

SHOWER SUB DRAINS
50-SD
SHOWER SUB DRAIN


Shower sub drain with cast iron body and fixed stainless steel strainer.

MODEL #	OUTLET SIZE	OUTLET TYPE	WEIGHT LBS.	STRAINER SIZE	LIST PRICE
50-SD-T	2"	Threaded	6.0 lbs.	3 1/2"	\$40.50
50-SD-TC	2"	Push-On w/test cap	6.0 lbs.	3 1/2"	\$40.50
50-SD-NH-31	2"	ABS Socket	3.0 lbs.	3 1/2"	\$34.50

FD-960
SNAP IN GRATE


MODEL #	DESCRIPTION	LIST PRICE
FD-962	2" Snap In Stainless Steel Grate	\$7.50
FD-963	3" Snap In Stainless Steel Grate	\$8.50
FD-964	4" Snap In Stainless Steel Grate	\$12.50

F650
ROUND DECK DRAIN


Cast iron 14" round deck drain with 6 1/2" diameter nickel bronze frame and grate.

MODEL #	OUTLET SIZE	OUTLET TYPE	WEIGHT LBS.	STRAINER SIZE	LIST PRICE
F652	2"	No Hub	10.0 lbs.	6 1/2"	\$186.50
F653	3"	No Hub	10.0 lbs.	6 1/2"	\$220.50
F654	4"	No Hub	10.0 lbs.	6 1/2"	\$250.00
F652T	2"	Threaded	10.0 lbs.	6 1/2"	\$196.50
F653T	3"	Threaded	10.0 lbs.	6 1/2"	\$230.50

SIDEWALK BOXES
SW
CAST IRON SIDEWALK BOXES with DUCTILE IRON COVERS


MODEL #	SIZE	DESCRIPTION	WEIGHT	LIST PRICE
SW6-4	6 3/4" x 6 3/4"	Ductile iron solid cover w/ cast iron frame	4.0 lbs.	\$41.00
SW6P-4	6 3/4" x 6 3/4"	Ductile iron perforated cover w/ cast iron frame	4.0 lbs.	\$48.00
SW6-PC-4	5" x 5"	Replacement ductile iron solid cover only	2.0 lbs.	\$25.00
SW6P-PC-4	5" x 5"	Replacement ductile iron perforated cover only	2.0 lbs.	\$29.00

OPTIONAL VARIATIONS		
SIZE	DESCRIPTION	LIST PRICE
-6	Vandal Proof Cover (#H-1039A-10-24 x 3/8" flat head torx and pin stainless steel machine screw)	\$17.00

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R100-M

CAST IRON ROOF DRAIN with ALUMINUM DOME

MODEL NUMBER	OUTLET SIZE	OUTLET TYPE	LIST PRICE STANDARD ALUMINUM DOME (-M)	LIST PRICE PLANTING AREA SCREENED DOME (-PA)
R102, 3, 4	2", 3", 4"	No Hub	\$80.00	\$155.00
R106	6"	No Hub	\$88.00	\$165.00
R102, 3, 4P	2", 3", 4"	Push-On	\$100.00	\$170.00
R102, 3, 4T	2", 3", 4"	Threaded	\$150.00	\$180.00

R100-M


R100-90

CAST IRON ROOF DRAIN with ALUMINUM DOME and SIDE OUTLET

MODEL NUMBER	OUTLET SIZE	OUTLET TYPE	LIST PRICE STANDARD ALUMINUM DOME	LIST PRICE PLANTING AREA SCREENED DOME (-PA)
R102, 3, 4N-90	2", 3", 4"	No Hub	\$88.00	\$220.00
R102, 3, 4T-90	2", 3", 4"	Threaded	\$88.00	\$220.00

R100-90


R100-OF

CAST IRON ROOF DRAIN with ALUMINUM DOME and OVERFLOW STANDPIPE

MODEL NUMBER	OUTLET SIZE	OUTLET TYPE	LIST PRICE STANDARD ALUMINUM DOME
R102, 3, 4N-OF	2", 3", 4"	No Hub	\$105.00
R102, 3, 4P-OF	2", 3", 4"	Push On	\$110.00

R100-OF


R150

CAST IRON COMBINED ROOF DRAIN with ALUMINUM DOMES and OVERFLOW STANDPIPE

(1 per carton)

MODEL NUMBER	OUTLET SIZE	OUTLET TYPE	LIST PRICE STANDARD ALUMINUM DOMES
R152, 3, 4	2", 3", 4"	No Hub	\$160.00



R150

C230-TS

CLEANOUT COVER with THUMBSCREWS FOR 2"- 4" PIPE SIZE

MODEL NUMBER	FITS OUTLET SIZE	WEIGHT LBS.	CARTON QUANTITY	LIST PRICE NICKEL BRONZE (-1)	LIST PRICE DUCTILE IRON (-4)
C234-TS	2", 3"	3.0 lbs.	36	\$59.00	\$56.00
C236-TS	4"	6.0 lbs.	18	\$75.50	\$71.00
C234-PC	Cover only	1.0 lbs.	-	\$48.00	\$27.00
C236-PC	Cover only	1.0 lbs.	-	\$65.00	\$42.00

C234-TS-1


C300

FLOOR ACCESS COVERS

MODEL NUMBER	SIZE AND DESCRIPTION	WEIGHT LBS.	LIST PRICE NICKEL BRONZE (-1)	LIST PRICE DUCTILE IRON (-4)
C300-R6	6" round with lugs	46.25 lbs.	\$65.00	\$41.00
C300-R6-NL	6" round with no lugs	46.25 lbs.	\$65.00	\$41.00
C300-S7	7" square with lugs	65.0 lbs.	\$90.00	\$52.00



C300-R6-1



C300-R6-NL



C300-S7-1

CF

CAST IRON CLOSET FLANGE WITH GASKET CONNECTION

MODEL #	DESCRIPTION	CARTON QUANTITY	LIST PRICE
CF32TC	3" x 2" with Test Cap	12	\$26.50
CF42	4" x 2"	8	\$25.00
CF42TC	4" x 2" with Test Cap	8	\$26.50
CFOS42TC	4" x 2" offset with Test Cap	12	\$52.00
CF44DTC	4" x 6" Deep Closet with Test Cap	8	\$35.50
CF46DTC	4" x 6" Deep Closet with Test Cap	8	\$45.00



CF42TC



CFOS42TC



CF44DTC

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

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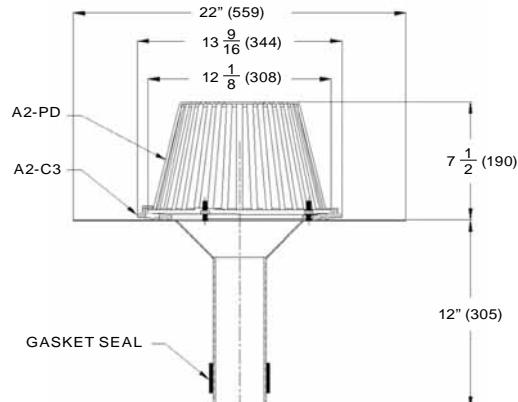
RFD

REPLACEMENT ROOF DRAIN

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



MODEL NUMBER	PIPE SIZE	LIST PRICE
RFD-3	3" [76] Push-In	\$276.00
RFD-4	4" [76] Push-In	\$287.00
RFD-5	5" [76] Push-In	\$348.00
RFD-6	6" [76] Push-In	\$348.00
OPTIONAL VARIATIONS		
SUFFIX	DESCRIPTION	LIST PRICE
-6	Vandal proof dome (metal dome only)	\$24.00
-M-80	Low aluminum dome	\$61.00
-M	Cast iron dome	\$61.00



R100

PVC or ABS ROOF DRAIN with 8" DIAMETER FLANGE



8" Diameter roof drain with PVC or ABS body, lacquered cast iron membrane clamp with internal gravel stop, and self-locking UV stabilized polydome with a free area of 35 square inches.

MODEL NUMBER	BODY HEIGHT		CONNECTION SIZE			CONNECTION TYPE	
	PIPE SIZE	PVC (-30) ABS (-31)	2"	3"	4"	PVC SOCKET -30	ABS SOCKET -31
R102	2" (51)	2 15/16" (75)	YES	YES	YES	YES	YES
R103	3" (76)	3 3/4" (95)	YES	YES	YES	YES	YES
R104	4" (102)	3 3/4" (95)	YES	YES	YES	YES	YES

NOTE: 2" body fits over 2" pipe or into 3" pipe. 3" body fits over 3" pipe or into 4" pipe.

OPTIONAL VARIATIONS					
SUFFIX	DESCRIPTION			LIST PRICE	WEIGHT LBS.
R100-30 or -31	With A1 PVC or ABS body and polydome			\$61.00	4.0 lbs.
-U	Under Deck Clamp (A1-C3)			\$22.50	1.0 lbs.
A1-PD	Polydome only			\$18.00	0.50 lbs.
A1-MD	Metal Dome only (Suffix -M)			\$28.00	1.0 lbs.

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DIELECTRIC NIPPLES

THREADED BY THREADED

MODEL NUMBER	DESCRIPTION	CARTON QUANTITY	LIST PRICE
MI-DETT-50	1/2" x 3" long, threaded by threaded	25	\$13.00
MI-DETT-75	3/4" x 3" long, threaded by threaded	25	\$13.00
MI-DETT-100	1" x 4" long, threaded by threaded	25	\$20.00
MI-DETT-125	1 1/4" x 4" long, threaded by threaded	10	\$30.00
MI-DETT-150	1 1/2" x 4" long threaded by threaded	10	\$33.00
MI-DETT-200	2" x 4" long, threaded by threaded	10	\$40.00
MI-DETT-250	2 1/2" x 6" long, threaded by threaded	6	\$56.00
MI-DETT-300	3" x 6" long, threaded by threaded	6	\$67.00
MI-DETT-350	3 1/2" x 6" long, threaded by threaded	6	\$78.00
MI-DETT-400	4" x 6" long, threaded by threaded	6	\$89.00

GROOVED BY THREADED

MODEL NUMBER	DESCRIPTION	CARTON QUANTITY	LIST PRICE
MI-DEGT-50	1/2" x 3" long, grooved by threaded	25	\$13.00
MI-DEGT-75	3/4" x 3" long, grooved by threaded	25	\$13.00
MI-DEGT-100	1" x 4" long, grooved by threaded	25	\$20.00
MI-DEGT-125	1 1/4" x 4" long, grooved by threaded	10	\$30.00
MI-DEGT-150	1 1/2" x 4" long grooved by threaded	10	\$33.00
MI-DEGT-200	2" x 4" long, grooved by threaded	10	\$40.00
MI-DEGT-250	2 1/2" x 6" long, grooved by threaded	6	\$56.00
MI-DEGT-300	3" x 6" long, grooved by threaded	6	\$56.00
MI-DEGT-350	3 1/2" x 6" long, grooved by threaded	6	\$78.00
MI-DEGT-400	4" x 6" long, grooved by threaded	6	\$89.00

GROOVED BY GROOVED

MODEL NUMBER	DESCRIPTION	CARTON QUANTITY	LIST PRICE
MI-DEGG-200	2" x 4" long, grooved by grooved	10	\$20.00
MI-DEGG-250	2 1/2" x 6" long, grooved by grooved	6	\$43.00
MI-DEGG-300	3" x 6" long, grooved by grooved	6	\$54.00
MI-DEGG-400	4" x 6" long, grooved by grooved	6	\$65.00



MI-DETT Series



MI-DEGT Series



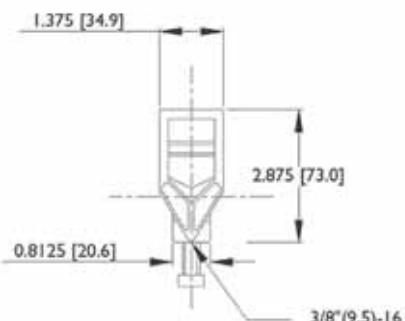
MI-DEGG Series

R1800

MEMBRANE CLAMP LOCKDOWN CLAMPS



CAST METAL



MODEL #	DESCRIPTION	BAG QUANTITY	LIST PRICE
R1800	Lockdown Clamps w/ hardware	4	\$20.00

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PVC FLOOR SINKS

PVC floor sinks are manufactured out of PVC material to provide the ultimate in sanitary design. PVC material has excellent resistance to chemicals such as the acids contained in fruits, vegetables and fats. The smooth, uniform surface is easy to clean and the floor sink will not chip or rust. PVC floor sinks are lightweight for easier handling, installation and transportation. MIFAB offers PVC floor sinks in either 8" or 12" square flangeless bodies with optional dome bottom strainer and with full, three-quarter or half PVC, nickel bronze or stainless steel grate configurations.

FS520-30

8" SQUARE x 6" DEEP PVC FLOOR SINK



FS520-PG
grate only
\$25.00

8" square x 6" deep PVC floor sink body, less flange, with loose set full PVC grate.

MODEL NUMBER	OUTLET SIZE	LIST PRICE
FS522-30	2" socket	\$90.00
FS523-30	3" socket	\$90.00
FS524-30	4" socket	\$90.00

Note: 4" outlet socket connection body fits into 4" PVC pipe and over 3" PVC pipe.

FS720-30

12" SQUARE x 6" DEEP PVC FLOOR SINK



FS720-PG
grate only
\$28.00

Square x 6" deep PVC floor sink body, less flange, with loose set full PVC grate.

MODEL NUMBER	OUTLET SIZE	LIST PRICE
FS722-30	2" socket	\$103.50
FS723-30	3" socket	\$103.50
FS724-30	4" socket	\$103.50

Note: 4" outlet socket connection body fits into 4" PVC pipe and over 3" PVC pipe.

OPTIONAL VARIATIONS FOR FS520-30 and FS720-30

SUFFIX	DESCRIPTION	FS520-30	FS720-30
-5	Sediment bucket	\$33.50	\$33.50
-150	1/2" PVC grate	No Add	No Add
-175	3/4" PVC grate	No Add	No Add
(Standard)	Full PVC grate	No Add	No Add
-150-1	1/2" NB grate and frame	\$130.00	\$150.00
-175-1	3/4" NB grate and frame	\$130.00	\$150.00
-1	Full NB grate and frame and frame	\$130.00	\$150.00
-150-3	1/2" SS grate and frame	\$130.00	\$150.00
-175-3	3/4" SS grate and frame	\$130.00	\$150.00
-3	Full SS grate and frame and frame	\$130.00	\$150.00
-89	PVC dome bottom strainer (A1-PB)	\$21.00	\$21.00

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FS520

8" SQUARE x 6" DEEP FLOOR SINK

8" Square x 6" deep cast iron floor sink with white acid resistant enamel coated interior, loose set acid resistant enamel cast iron grate, and aluminum dome bottom strainer.

MODEL	LIST PRICE	CONNECTION SIZE			CONNECTION TYPE			WEIGHT (BODY & GRATE)
		2"	3"	4"	No Hub	Push On	Inside Caulk	
FS520	\$154.00	Yes	Yes	Yes	(Standard)	-P	-X	18 lbs.
Body Only	\$114.00	Yes	Yes	Yes	(Standard)	-P	-X	18 lbs.
Grate Only	\$40.00				(Standard)	-P	-X	18 lbs.


FS720

12" SQUARE x 6" DEEP FLOOR SINK

12" Square x 6" deep cast iron floor sink with white acid resistant enamel coated interior, loose set acid resistant enamel cast iron grate, and aluminum dome bottom strainer.

MODEL	LIST PRICE	CONNECTION SIZE			CONNECTION TYPE			WEIGHT (BODY & GRATE)
		2"	3"	4"	No Hub	Push On	Inside Caulk	
FS720	\$181.50	Yes	Yes	Yes	(Standard)	-P	-X	29 lbs.
Body Only	\$130.50	Yes	Yes	Yes	(Standard)	-P	-X	29 lbs.
Grate Only	\$51.00				(Standard)	-P	-X	29 lbs.


FS730

12" SQUARE x 8" DEEP FLOOR SINK

12" Square x 8" deep cast iron floor sink with white acid resistant enamel coated interior, loose set acid resistant enamel cast iron grate, and aluminum dome bottom strainer.

MODEL	LIST PRICE	CONNECTION SIZE			CONNECTION TYPE			WEIGHT (BODY & GRATE)
		2"	3"	4"	No Hub	Push On	Inside Caulk	
FS730	\$194.00	Yes	Yes	Yes	(Standard)	-P	-X	37 lbs.
Body Only	\$143.00	Yes	Yes	Yes	(Standard)	-P	-X	37 lbs.
Grate Only	\$51.00				(Standard)	-P	-X	37 lbs.


FS740

12" SQUARE x 10" DEEP FLOOR SINK

12" Square x 10" deep cast iron floor sink with white acid resistant enamel coated interior, loose set acid resistant enamel cast iron grate, and aluminum dome bottom strainer.

MODEL	LIST PRICE	CONNECTION SIZE			CONNECTION TYPE			WEIGHT (BODY & GRATE)
		2"	3"	4"	No Hub	Push On	Inside Caulk	
FS740	\$257.00	Yes	Yes	Yes	(Standard)	-P	-X	42 lbs.
Body Only	\$206.00	Yes	Yes	Yes	(Standard)	-P	-X	42 lbs.
Grate Only	\$51.00				(Standard)	-P	-X	42 lbs.



OPTIONAL VARIATIONS FOR FS520, FS720, FS730, FS740

SUFFIX	DESCRIPTION	FS520	FS720	FS730	FS740
-5	Sediment Bucket	\$42.00	\$55.00	\$55.00	\$55.00
-150	1/2 Grate	No Add	No Add	No Add	No Add
-175	3/4 Grate	No Add	No Add	No Add	No Add
-SPL	Split Grate	Not Available	\$50.00	\$50.00	\$50.00



-SPL split

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HY-1000-NPB
NON FREEZE WALL HYDRANT

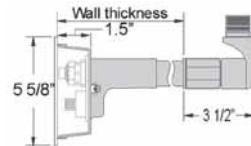

The HY-1000-NPB Series hydrants feature a combination 3/4" SWT. and 1" M.I.P. inlet connection that swivels 360° to any position for easy connection to the water supply. The swivel connection can be removed for a straight back 3/4" SWT. inlet connection.

MODEL NO.	DESCRIPTION	LIST PRICE	SUFFIX (ADD) -HC1	SUFFIX (ADD) -WC	WEIGHT
HY-1004-NPB	Non freeze, exposed, 4"	\$236.50	\$26.00	\$16.25	5.0 lbs.
HY-1006-NPB	Non freeze, exposed, 6"	\$236.50	\$26.00	\$16.25	6.0 lbs.
HY-1008-NPB	Non freeze, exposed, 8"	\$236.50	\$26.00	\$16.25	7.0 lbs.
HY-1010-NPB	Non freeze, exposed, 10"	\$252.75	\$26.00	\$16.25	7.5 lbs.
HY-1012-NPB	Non freeze, exposed, 12"	\$252.75	\$26.00	\$16.25	8.0 lbs.
HY-1014-NPB	Non freeze, exposed, 14"	\$252.75	\$26.00	\$16.25	8.0 lbs.
HY-1016-NPB	Non freeze, exposed, 16"	\$252.75	\$26.00	\$16.25	9.0 lbs.
HY-1018-NPB	Non freeze, exposed, 18"	\$266.75	\$26.00	\$16.25	10.0 lbs.
HY-1020-NPB	Non freeze, exposed, 20"	\$266.75	\$26.00	\$16.25	11.0 lbs.
HY-1020-NPB	Non freeze, exposed, 20"	\$266.75	\$26.00	\$16.25	11.0 lbs.
HY-1024-NPB	Non freeze, exposed, 24"	\$266.75	\$26.00	\$16.25	12.0 lbs.

HY-2000-NPB
ENCASED NON FREEZE WALL HYDRANT


The HY-2000-NPB Series hydrants feature a combination 3/4" SWT. and 1" M.I.P. inlet connection that swivels 360° to any position for easy connection to the water supply. The swivel connection can be removed for a straight back 3/4" SWT. inlet connection.

**RECOMMENDED
WALL OPENING:
5 1/4" x 6 1/4"**



MODEL NO.	DESCRIPTION	LIST PRICE	SUFFIX (ADD) -HC1	SUFFIX (ADD) -WC	SUFFIX (ADD) -K	SUFFIX (ADD) -S	WEIGHT
HY-2006-NPB	Non freeze, encased, 6"	\$472.00	\$26.00	\$16.25	\$42.75	NO ADD	7.0 lbs.
HY-2008-NPB	Non freeze, encased, 8"	\$472.00	\$26.00	\$16.25	\$42.75	NO ADD	8.0 lbs.
HY-2010-NPB	Non freeze, encased, 10"	\$487.00	\$26.00	\$16.25	\$42.75	NO ADD	9.0 lbs.
HY-2012-NPB	Non freeze, encased, 12"	\$487.00	\$26.00	\$16.25	\$42.75	NO ADD	9.5 lbs.
HY-2014-NPB	Non freeze, encased, 14"	\$487.00	\$26.00	\$16.25	\$42.75	NO ADD	10.0 lbs.
HY-2016-NPB	Non freeze, encased, 16"	\$487.00	\$26.00	\$16.25	\$42.75	NO ADD	10.0 lbs.
HY-2018-NPB	Non freeze, encased, 18"	\$502.25	\$26.00	\$16.25	\$42.75	NO ADD	11.0 lbs.
HY-2020-NPB	Non freeze, encased, 20"	\$502.25	\$26.00	\$16.25	\$42.75	NO ADD	12.0 lbs.
HY-2022-NPB	Non freeze, encased, 22"	\$502.25	\$26.00	\$16.25	\$42.75	NO ADD	13.0 lbs.
HY-2022-NPB	Non freeze, encased, 22"	\$502.25	\$26.00	\$16.25	\$42.75	NO ADD	13.0 lbs.
HY-2026-NPB	Non freeze, encased, 26"	\$502.25	\$26.00	\$16.25	\$42.75	NO ADD	14.0 lbs.

HY-3000-NPB
MODERATE CLIMATE WALL HYDRANT with 3/4" F.I.P. and 1" M.I.P. WATER SUPPLY INLET CONNECTION


MODEL NO.	DESCRIPTION	LIST PRICE	SUFFIX (ADD) -HC1	WEIGHT
HY-3000-NPB	Moderate climate, exposed	\$192.00	\$26.00	3.0 lbs.

HY-3500-NPB
ENCASED MODERATE CLIMATE WALL HYDRANT with 3/4" F.I.P. and 1" M.I.P. WATER SUPPLY INLET CONNECTION


**RECOMMENDED WALL OPENING
5 1/4" x 6 1/4". 1 1/2" OVERALL BOX DEPTH.**

MODEL NO.	DESCRIPTION	LIST PRICE	SUFFIX (ADD) -HC1	SUFFIX (ADD) -K	SUFFIX (ADD) -S	WEIGHT
HY-3500-NPB	Moderate climate, encased	\$427.25	\$26.00	\$42.75	NO ADD	5.0 lbs.

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HY-4000-NPB

HOT AND COLD COMMERCIAL NON-FREEZE WALL HYDRANT with 3/4" F.I.P. and 1" M.I.P. WATER SUPPLY INLET CONNECTION

MODEL	DESCRIPTION	LIST PRICE	SUFFIX (ADD) -HC1	SUFFIX (ADD) -WC	WEIGHT
HY-4004-NPB	Hot and cold, exposed, 4"	\$589.00	\$26.00	\$16.25	6.0 lbs.
HY-4006-NPB	Hot and cold, exposed, 6"	\$589.00	\$26.00	\$16.25	7.0 lbs.
HY-4008-NPB	Hot and cold, exposed, 8"	\$589.00	\$26.00	\$16.25	8.0 lbs.
HY-4010-NPB	Hot and cold, exposed, 10"	\$607.00	\$26.00	\$16.25	8.5 lbs.
HY-4012-NPB	Hot and cold, exposed, 12"	\$607.00	\$26.00	\$16.25	9.0 lbs.
HY-4014-NPB	Hot and cold, exposed, 14"	\$607.00	\$26.00	\$16.25	10.0 lbs.
HY-4016-NPB	Hot and cold, exposed, 16"	\$607.00	\$26.00	\$16.25	11.0 lbs.
HY-4018-NPB	Hot and cold, exposed, 18"	\$625.50	\$26.00	\$16.25	12.0 lbs.
HY-4020-NPB	Hot and cold, exposed, 20"	\$625.50	\$26.00	\$16.25	14.0 lbs.
HY-4022-NPB	Hot and cold, exposed, 22"	\$625.50	\$26.00	\$16.25	15.0 lbs.
HY-4024-NPB	Hot and cold, exposed, 24"	\$625.50	\$26.00	\$16.25	16.0 lbs.



HY-4500-NPB

ENCASED HOT AND COLD COMMERCIAL NON-FREEZE WALL HYDRANT with 1" M.I.P. and 3/4" SWT. WATER SUPPLY INLET CONNECTION

**RECOMMENDED WALL OPENING
7 5/8" x 5 3/4". 3 5/8" OVERALL BOX DEPTH.**



MODEL	DESCRIPTION	LIST PRICE	SUFFIX (ADD) -HC1	SUFFIX (ADD) -WC	SUFFIX (ADD) -K	WEIGHT
HY-4508-NPB	Hot and cold, commercial, encased, 8"	\$956.00	\$26.00	\$16.25	\$42.75	16.0 lbs.
HY-4510-NPB	Hot and cold, commercial, encased, 10"	\$973.00	\$26.00	\$16.25	\$42.75	17.0 lbs.
HY-4512-NPB	Hot and cold, commercial, encased, 12"	\$973.00	\$26.00	\$16.25	\$42.75	18.0 lbs.
HY-4514-NPB	Hot and cold, commercial, encased, 14"	\$973.00	\$26.00	\$16.25	\$42.75	18.5 lbs.
HY-4516-NPB	Hot and cold, commercial, encased, 16"	\$973.00	\$26.00	\$16.25	\$42.75	19.0 lbs.
HY-4518-NPB	Hot and cold, commercial, encased, 18"	\$991.50	\$26.00	\$16.25	\$42.75	20.0 lbs.
HY-4520-NPB	Hot and cold, commercial, encased, 20"	\$991.50	\$26.00	\$16.25	\$42.75	21.0 lbs.
HY-4522-NPB	Hot and cold, commercial, encased, 22"	\$991.50	\$26.00	\$16.25	\$42.75	22.0 lbs.
HY-4524-NPB	Hot and cold, commercial, encased, 24"	\$991.50	\$26.00	\$16.25	\$42.75	24.0 lbs.
HY-4526-NPB	Hot and cold, commercial, encased, 26"	\$991.50	\$26.00	\$16.25	\$42.75	25.0 lbs.
HY-4528-NPB	Hot and cold, commercial, encased, 28"	\$991.50	\$26.00	\$16.25	\$42.75	26.0 lbs.

HY-5000-NPB

NARROW WALL MODERATE CLIMATE WALL HYDRANT

The HY-5000-NPB Series hydrants feature a combination 3/4" SWT. and 1" M.I.P. inlet connection that swivels 360° to any position for easy connection to the water supply. The overall depth of the HY-5000-NPB is 2 5/8".



MODEL NO.	DESCRIPTION	LIST PRICE	SUFFIX (ADD) -HC1	WEIGHT
HY-5000-NPB	Narrow wall, exposed	\$174.00	\$26.00	3.25 lbs.



360° swivel inlet

HY-5500-NPB

ENCASED NARROW WALL MODERATE CLIMATE WALL HYDRANT

The HY-5500-NPB Series hydrants feature a combination 3/4" SWT. and 1" M.I.P. inlet connection that swivels 360° to any position for easy connection to the water supply.



MODEL NO.	DESCRIPTION	LIST PRICE	SUFFIX (ADD) -HC1	SUFFIX (ADD) -K	SUFFIX (ADD) -S	WEIGHT
HY-5500-NPB	Moderate climate, narrow wall, encased	\$409.50	\$26.00	\$42.75	NO ADD	5.25 lbs.



360° swivel inlet

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HY-6000-NPB

GROUND / LAWN HYDRANT



LEAD FREE




RECOMMENDED GROUND OPENING - 5 1/4" x 6 1/4".

MODEL	DESCRIPTION	LIST PRICE	SUFFIX (ADD) -HC1	SUFFIX (ADD) -K	WEIGHT
HY-6001-NPB	Ground hydrant, 1' bury	\$551.00	\$26.00	\$42.75	10 Lbs.
HY-6002-NPB	Ground hydrant, 2' bury	\$559.50	\$26.00	\$42.75	13 Lbs.
HY-6003-NPB	Ground hydrant, 3' bury	\$569.25	\$26.00	\$42.75	16 Lbs.
HY-6004-NPB	Ground hydrant, 4' bury	\$578.00	\$26.00	\$42.75	19 Lbs.
HY-6005-NPB	Ground hydrant, 5' bury	\$587.50	\$26.00	\$42.75	22 Lbs.
HY-6006-NPB	Ground hydrant, 6' bury	\$596.25	\$26.00	\$42.75	25 Lbs.
HY-6007-NPB	Ground hydrant, 7' bury	\$608.00	\$26.00	\$42.75	28 Lbs.

MODEL	DESCRIPTION	LIST PRICE
HY-60-RK-NPB	Repair kit for HY-6000-NPB	\$135.00

HY-6500-NPB

POST HYDRANT



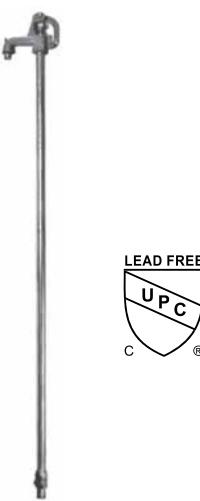
LEAD FREE


MODEL	DESCRIPTION	OVERALL LENGTH	LIST PRICE	WEIGHT
HY-6501-NPB	Post hydrant, 1' bury	36"	\$223.75	20 Lbs.
HY-6502-NPB	Post hydrant, 2' bury	48"	\$233.50	24 Lbs.
HY-6503-NPB	Post hydrant, 3' bury	60"	\$242.00	28 Lbs.
HY-6504-NPB	Post hydrant, 4' bury	72"	\$251.00	32 Lbs.
HY-6505-NPB	Post hydrant, 5' bury	84"	\$260.50	36 Lbs.
HY-6506-NPB	Post hydrant, 6' bury	96"	\$270.00	40 Lbs.
HY-6507-NPB	Post hydrant, 7' bury	108"	\$279.00	44 Lbs.

MODEL	DESCRIPTION	LIST PRICE
HY-65-RK-NPB	Repair kit for HY-6500-NPB	\$135.00
HY-9005-B-NPB	A.S.S.E. 1011 Approved Rough Brass Vacuum Breaker	\$16.25

HY-6800-NPB

YARD HYDRANT



LEAD FREE


MODEL	DESCRIPTION	OVERALL LENGTH	LIST PRICE	SUFFIX (ADD) -HC1	SUFFIX (ADD) -VB	WEIGHT
HY-6801-NPB	Yard hydrant, 1' bury	36"	\$129.00	\$26.00	\$16.25	10 Lbs.
HY-6802-NPB	Yard hydrant, 2' bury	48"	\$136.25	\$26.00	\$16.25	12 Lbs.
HY-6803-NPB	Yard hydrant, 3' bury	60"	\$143.75	\$26.00	\$16.25	17 Lbs.
HY-6804-NPB	Yard hydrant, 4' bury	72"	\$151.25	\$26.00	\$16.25	19 Lbs.
HY-6805-NPB	Yard hydrant, 5' bury	84"	\$160.00	\$26.00	\$16.25	22 Lbs.
HY-6806-NPB	Yard hydrant, 6' bury	96"	\$167.50	\$26.00	\$16.25	24 Lbs.
HY-6807-NPB	Yard hydrant, 7' bury	108"	\$175.00	\$26.00	\$16.25	26 Lbs.
HY-6808-NPB	Yard hydrant, 8' bury	120"	\$183.00	\$26.00	\$16.25	28 Lbs.

MODEL	DESCRIPTION	LIST PRICE
HY-68-RK-NPB	Repair kit for HY-6800-NPB	\$135.00
HY-9005-B-NPB	A.S.S.E. 1011 Approved Rough Brass Vacuum Breaker	\$16.25

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

MODEL NO.	FINISH	OPERATING DEVICE	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.	\$42.75	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.	\$42.75	1.25 lbs.



HY-9040-NPB

HY-90-RK-NPB	Repair kit for HY-9000-NPB of Hydrants	\$22.00
HY-9005-B-NPB	A.S.S.E. 1011 Approved Rough Brass Vacuum Breaker	\$16.25

Illustrated with brown plastic wheel handle



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 NO.	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.	\$52.50	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.	\$52.50	1.25 lbs.



HY-9241-NPB

HY-90-RK-NPB	Repair kit for HY-9200-NPB of Hydrants	\$22.00
HY-9005-CP-NPB	A.S.S.E. 1011 Approved Polished Chrome Plated Vacuum Breaker	\$16.25

Illustrated with operating loose key

HY-9500
HYDRANT BOXES

MODEL NO.	DESCRIPTION	LIST PRICE	WEIGHT
HY-9500	Rough Brass box only - hydrant extra	\$270.00	10 lbs.
HY-9500-49	Chrome Plated Brass box only - hydrant extra	\$395.50	10 lbs.
HY-9500-K	Rough Brass box only with cylinder key lock - hydrant extra	\$313.00	10.25 lbs.
HY-9500-49-K	Chrome Plated Brass box only with cylinder key lock - hydrant extra	\$438.00	10.25 lbs.


HY-9241-NPB
with HY-9500

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 number followed by the HY-9500 model number. (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.

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

Visit www.mifab.com for the most recent product information.

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

HY-1500
HYDRANT BOXES


HY-1500-1-S



HY-1500-1



HY-1500-3



HY-1500-49



HY-4100 BOX

MIFAB's HY-1500 Series hydrant boxes feature a "drip lip" to drain water away from the wall to prevent unsightly staining. Standard with all of MIFAB's HY-1500-S hydrant boxes are four 1" x 1-1/4" slots on top and two sides of the box to receive the mounting brackets provided. Hardware is included to fasten the brackets to the box. The mounting brackets are designed to provide easy installation of the hydrant box onto the stud system for labor savings.

MODEL	DESCRIPTION	LIST PRICE	WEIGHT
HY-1500-1	Satin Finish, Nickel Bronze Box	\$235.50	3.25 lbs.
HY-1500-1-K	Satin Finish, Nickel Bronze Box with cylinder key lock	\$278.25	3.50 lbs.
HY-1500-1-S	Satin Finish, Nickel Bronze Box With Slots, Mounting Brackets, Hardware	\$235.50	4.5 lbs.
HY-1500-1-NL	Satin Finish, Nickel Bronze Box With no Drip Lip and Flush Cover for use with HY-6000-NPB Ground Hydrants	\$235.50	3.25 lbs.
HY-1500-2	Polished Brass Plated, Nickel Bronze Box	\$319.00	3.25 lbs.
HY-1500-2-S	Polished Brass Plated, Nickel Bronze Box With Slots, Mounting Brackets and Hardware	\$319.00	4.5 lbs.
HY-1500-3	Satin Finish, Stainless Steel Box	\$235.50	3.25 lbs.
HY-1500-3-NL	Satin Finish, Stainless Steel Box with no Drip Lip and Flush Cover for use with HY-6000-NPB Ground Hydrants	\$235.50	3.50 lbs.
HY-1500-3-S	Satin Finish, Stainless Steel Box With Slots, Mounting Brackets, Hardware	\$235.50	4.5 lbs.
HY-1500-49	Polished Chrome Plated, Nickel Bronze Box	\$235.50	3.25 lbs.
HY-1500-49-S	Polished Chrome Plated, Nickel Bronze Box With Slots, Mounting Brackets and Hardware	\$235.50	4.5 lbs.
HY-1600-3	Satin Finish, Fabricated Stainless Steel Deep Rough-in Box for use with -52 encased HY-2000-NPB Hydrants	\$235.50	2 lbs.
HY-4100-1	Satin Finish, Nickel Bronze Box for HY-4000-NPB Hydrants	\$367.50	20 lbs.
HY-4100-2	Polished Brass Plated, Nickel Bronze Box for HY-4000-NPB Hydrants	\$469.00	20 lbs.
HY-4100-49	Polished Chrome Plated, Nickel Bronze Box for HY-4000-NPB Hydrants	\$367.50	20 lbs.

HYDRANT REPAIR KITS and ACCESSORIES


The HY-9006-CP-NPB is available with the HY-1000 Hydrants. Specify Suffix -52. The HY-9006-CP-NPB is available with the HY-2000 Series. Specify the HY-1600 Hydrant Box for the Deeper Rough-in required to encase the hydrant with the HY-9006-CP-NPB vacuum breaker attached.

MODEL	DESCRIPTION	LIST PRICE	WEIGHT
MHY-CIA-18-A	18" Long Universal Repair Kit for HY-1000-NPB and HY-2000-NPB of Hydrants	\$65.00	2 lbs.
MHY-CIA-30/50	Repair Kit for HY-3000-NPB and HY-5000-NPB of Hydrants	\$54.00	1 lbs.
MHY-CIA-4000	Repair Kit for HY-4000-NPB of Hydrants	\$120.00	4 lbs.
HY-H01	Wall Clamp for HY-1000-NPB, HY-2000-NPB, HY-4000-NPB, HY-4500-NPB Hydrants (Suffix -WC)	\$16.25	.50 lbs.
HY-9001	Brown Plastic Wheel Handle only	\$16.25	.25 lbs.
HY-9002	Clear Plastic Wheel Handle only	\$16.25	.25 lbs.
HY-9003	Cast Iron Wheel Handle only	\$16.25	.25 lbs.
HY-9004	Short Loose Tee Key (HY-9000) Breaker	\$16.25	.20 lbs.
HY-1000-CP-NPB	A.S.S.E. 1011 Approved Polished Chrome Plated Vacuum Breaker (HY-1000-NPB, 3000, 5000 and 6000)	\$24.00	.25 lbs.
HY-9005-B-NPB	A.S.S.E. 1011 Approved Rough Brass Vacuum Breaker	\$16.25	.25 lbs.
HY-9005-CP-NPB	A.S.S.E. 1011 Approved Polished Chrome Plated Vacuum Breaker	\$24.00	.25 lbs.
HY-9006-CP-NPB	A.S.S.E. 1052 Approved Double Check Polished Chrome Plated Vacuum	\$43.25	.25 lbs.
HY-HC1	1" M.I.P. Hose Connection Adaptor (to convert a 3/4" M.I.P. Hose connection to a 1" M.I.P. hose connection. (Suffix -HC1)	\$26.00	.25 lbs.

HY-9005-CP-NPB	-HY-1	Long loose operating tee key	\$15.00
	-K	Cylinder Key Lock	\$42.75
	-S	Slots in Hydrant Box, with Brackets and Mounting Hardware	No Add

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MHY-CIA-18-A (FOR ALL HY-1000-NPB, HY-2000-NPB, MHY-10-NPB and MHY-15-NPB, MHY-16-NPB, MHY-20-NPB, MHY-25-NPB AND MHY-26-NPB) COMPLETE INTERNAL ASSEMBLY REPLACEMENT INSTRUCTIONS - HYDRANT REPAIR KIT

This kit includes: 2-plunger assemblies; 2-worm stem assemblies; 2-lock nuts; 1-head nut seal; 1-tube thread locker; 1-tube lubrican

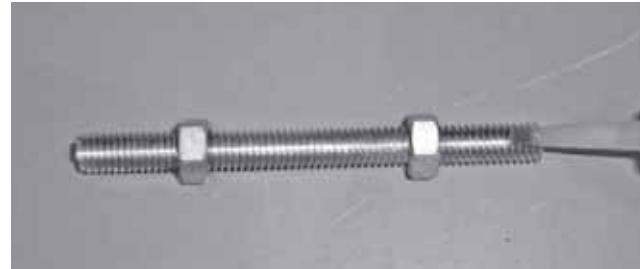
REMOVAL

Shut off water supply to hydrant and relieve water pressure. Remove hydrant stem assembly. (Do not disassemble. The old stem must remain assembled for reference dimensions.) Remove the old head nut seal. Note: The plunger tips provided in this kit will replace all old versions of plunger tips. See inset.



ASSEMBLY AND ADJUSTMENT

Remove the worm stem assembly from the cut rod and thread the two lock nuts onto the rod approximately 1" inward from each end. Apply thread locker to the two ends of the threaded rod (approx. 3/8" coverage) and a small amount to the internal threads of the plunger and worm assemblies.



MEASUREMENT

Fully thread the appropriate worm stem assembly on to the 4-1/4" uninterrupted threaded end of the fully threaded rod. Lay the old stem assembly next to the new stem, aligning the o rings on the worm stem assemblies.

Mark the groove in the threaded rod that is closest to the end of the old plunger tip, but not past the plunger end.

Using the appropriate holding fixture and a 32TPI hack saw, cut the threaded rod to the appropriate length.

Note: The undercut grooves in the threaded rod will guide the hack saw blade without the need for thread end "clean up" after cutting. See inset.



Thread the worm stem assembly until seated fully and then thread the plunger assembly to match the length of the old hydrant stem assembly. (Remove excess thread locker.) Note: Align the o rings of the two stems side by side and adjust the plunger tips to match. Once the proper length has been attained, advance the lock nuts toward the two end assemblies and tighten with a 9/16" wrench. Generously apply lubricant to the plunger tip seals, o ring, and worm stem screw threads.

INSTALLATION

Install the new head nut seal into the body of the hydrant. Thread the worm screw fully into the head nut using a hydrant key. Thread the head nut and stem assembly into the hydrant body and tighten. Shut off the hydrant and open the water supply. Test the hydrant for proper function.



Part # MHY-CIA-18-A

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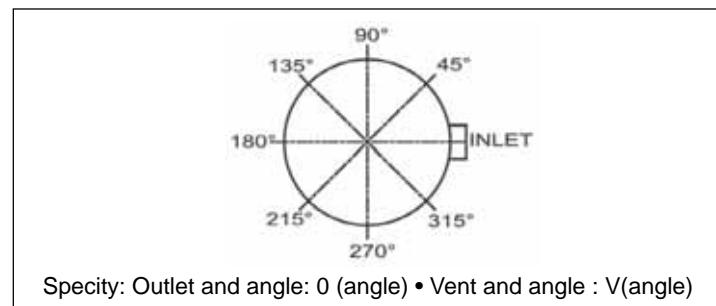
MI-NEUT
ACID NEUTRALIZATION TANKS

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

MI-NEUT							
MODEL NO.	GALLON CAPACITY	A DIA.	B DIA.	C DIA.	D DIA.	E INLET/ OUTLET	LIST PRICE
MI-NEUT-5	5	11" (279)	15-5/8" (367)	11" (279)	8" (203)	1 1/2" (38) or 2" (51)	\$485.00
MI-NEUT-15	15	18" (457)	21-5/8" (549)	11" (279)	8" (203)	1 1/2" (38) or 2" (51)	\$620.00
MI-NEUT-30	30	18" (457)	29-5/8" (752)	23" (584)	19" (483)	3" (76)	\$1,295.00
MI-NEUT-55	55	22" (559)	36-5/8" (930)	27" (687)	23" (584)	4" (102)	\$2,040.00
MI-NEUT-100	100	28" (711)	43-1/4" (1099)	35" (889)	31" (787)	4" (102)	\$2,625.00
MI-NEUT-150	150	31" (787)	49-7/8" (1267)	38" (965)	34" (864)	4" (102)	\$2,940.00
MI-NEUT-175	175	30" (762)	62-3/4" (1594)	46" (1168)	42" (1066)	4" (102)	\$3,045.00
MI-NEUT-200	200	36" (914)	49-3/4" (1263)	38" (965)	34" (864)	4" (102) OR 6" (152)	\$3,150.00
MI-NEUT-275	275	42" (1067)	49" (1245)	38" (965)	34" (864)	4" (102) OR 6" (152)	\$3,300.00
MI-NEUT-300	300	36" (914)	41-1/8" (1045)	61" (1549)	56" (1442)	4" (102) OR 6" (152)	\$3,600.00
MI-NEUT-350	350	48" (1219)	49-1/4" (1251)	38" (965)	34" (864)	4" (102) OR 6" (152)	\$4,000.00
MI-NEUT-500	500	52" (1321)	62-1/8" (1578)	52" (1321)	46" (1168)	4" (102) OR 6" (152)	\$4,400.00
MI-NEUT-550	550	48" (1219)	73" (1854)	64" (1626)	60" (1524)	4" (102) OR 6" (152)	\$5,000.00
MI-NEUT-650	650	48" (1219)	85-1/4" (2165)	77" (1956)	73" (1854)	4" (102) OR 6" (152)	\$5,500.00
MI-NEUT-700	700	55" (1397)	74-1/4" (1886)	62" (1575)	58" (1473)	4" (102) OR 6" (152)	\$6,000.00
MI-NEUT-800	800	60" (1524)	68" (1727)	57" (1448)	53" (1346)	4" (102) OR 6" (152)	\$7,000.00
MI-NEUT-1000	1000	66" (1676)	74.5" (1892)	64" (1626)	60" (1524)	4" (102) OR 6" (152)	\$8,000.00
MI-NEUT-1200	1200	69" (1753)	86-7/8" (2207)	74" (1880)	68" (1727)	4" (102) OR 6" (152)	\$9,500.00
MI-NEUT-1500	1500	73" (1854)	85-3/8" (2169)	74" (1880)	68" (1727)	4" (102) OR 6" (152)	\$11,000.00
MI-NEUT-2000	2000	84" (2134)	92-1/8" (2340)	74" (1880)	68" (1727)	4" (102) OR 6" (152)	\$12,500.00
MI-NEUT-3000	3000	95" (2413)	100" (2540)	87" (2210)	81" (2057)	4" (102) OR 6" (152)	\$15,000.00



Note: Limestone chips are not included in above pricing. \$80.00 List Price for a 50 lb. bag of limestone chips. Model Number is MI-LSC



SUFFIX	DESCRIPTION	LIST PRICE
-5	Sediment bucket with handle	Contact MIFAB
-E	Extension (Specify Height)	Contact MIFAB
-M	MI-NEUT-MONITOR	\$775.00
-O	Optional angle outlet connection (Specify size and location)	Contact MIFAB
-SBX	Sample Box	Contact MIFAB
-TF	Female N.P.T. threaded connections (1 1/2", 2", 3" or 4")	\$50.00 - 1 1/2", 2" \$75.00 - 3", 4"
-TM	Male N.P.T. threaded connections (1 1/2", 2", 3" or 4")	\$50.00 - 1 1/2", 2" \$75.00 - 3", 4"
-V	Optional vent outlet connection (Specify size and location)	Contact MIFAB

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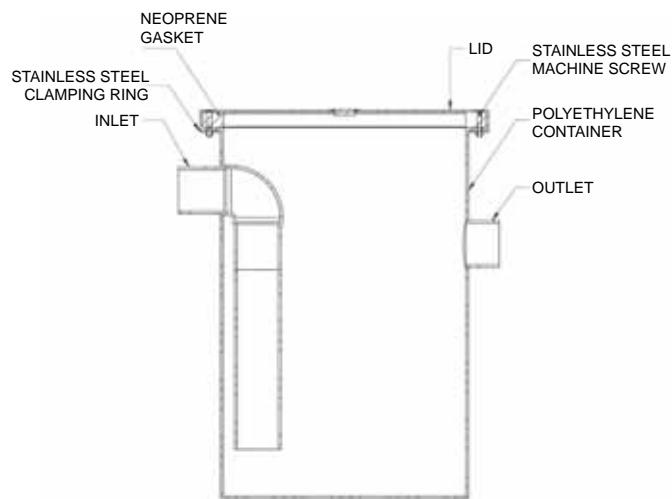
MI-NEUT

ACID NEUTRALIZATION TANKS

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

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

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



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

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

Limestone Chips:

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

Acid Neutralization Tank Maintenance:

A regular maintenance program (replacement of the limestone chips) of one to three months is recommended.

More frequent maintenance may be required depending on the volume of wastewater and amount of chemicals in the wastewater. If a regular maintenance program is not performed, the efficiency of the acid neutralization tank will suffer.

Note: Limestone chips are not included in the MI-NEUT acid neutralization tank pricing on page 22. \$80.00 is the List Price for a 50 lb. bag of limestone chips. Model Number is MI-LSC.

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

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

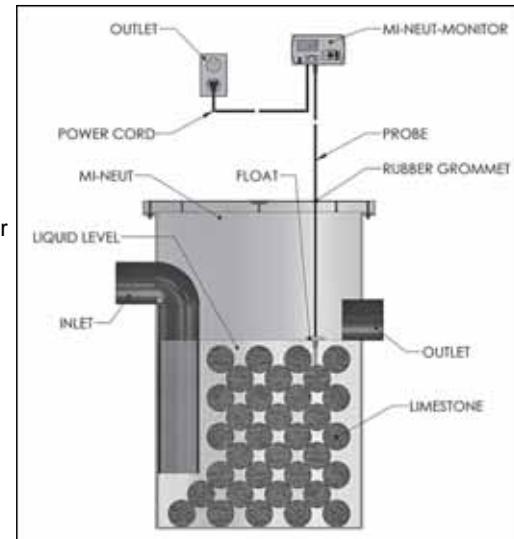
All of these instruments run on a 12V adapter so there's no need to worry about failed batteries and each unit comes with mounting kit, probe, probe holder and starter calibration solution.

SPECIFICATIONS:

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

OPTIONS:

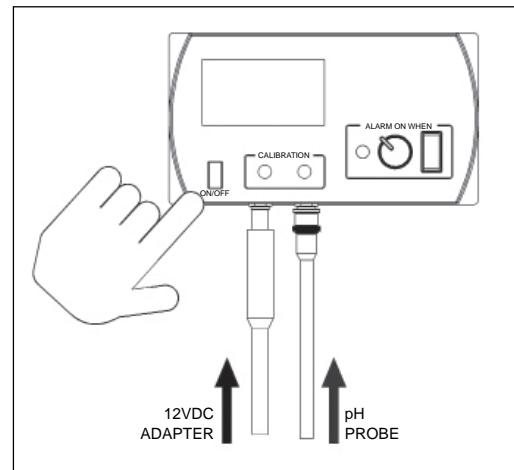
- **NEMA** NEMA RATED ENCLOSURE FOR MONITOR
- **PROBE** REPLACEMENT PROBE
- **CAL** CALIBRATION SOLUTION



List Price of MI-NEUT-MONITOR \$775.00

OPERATION:

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

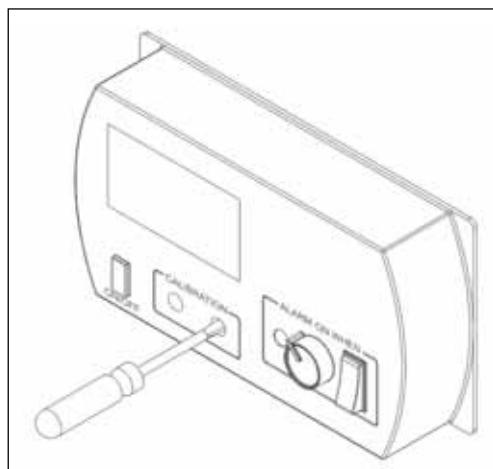
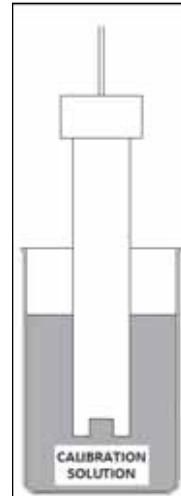

SET POINT:

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

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

CALIBRATION PROCEDURE:

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



FLOOR DRAIN SELECTION GUIDE

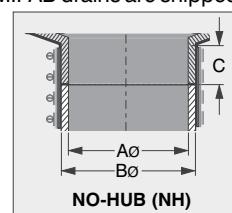
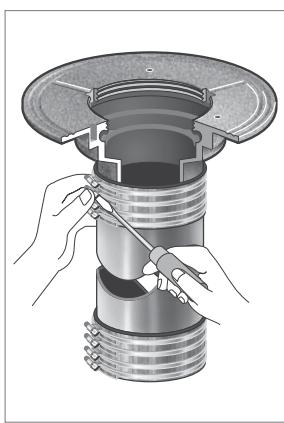
DRAIN OUTLET CONNECTIONS

Floor drains, are available in a variety of outlet connection types. The drain's outlet connection must be compatible with those of the drainage piping system to which it is connected. The most commonly employed connection types are as follows:

1. NO-HUB (NH) (A/K/A Mechanical Joint)

The most widely used connection. A No-Hub connection is achieved by butting No Hub soil pipe or plastic pipe to the bottom of the drain and securing it with a NO HUB coupling. (MI-HUB and MI-XHUB no hub couplings are available from MIFAB - see page 121).

Unless specified otherwise, all of MIFAB drains are shipped standard with No-Hub connections.

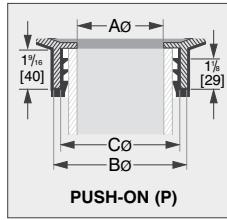


	A	B
2" No hub outlet	2"	2 3/8"
3" No hub outlet	3"	3 3/8"
4" No hub outlet	4"	4 3/8"
5" No hub outlet	5"	5 3/8"
6" No hub outlet	6"	6 3/8"
8" No hub outlet	8"	8 3/8"
10" No hub outlet	10"	10 1/2"
12" No hub outlet	12"	12 1/2"

2. PUSH-ON (P)

MIFAB "Push-on" is a unique labor saving compression gasketed connection designed to simply push on the stub end of the pipe. The Push-on drain body and gasket can be utilized with plastic, steel, No-Hub and service weight soil pipe. A unique pipe stop cast in each MIFAB Push-on drain body ensures that water will not accumulate around the connecting pipe. Specify suffix P for MIFAB's Push-on connections.

	A	B	C
2" Push on outlet	2"	3 3/8"	3"
3" Push on outlet	3"	4 3/8"	4"
4" Push on outlet	4"	5 1/2"	5 1/8"
6" Push on outlet	6"	7 3/4"	6 1/4"



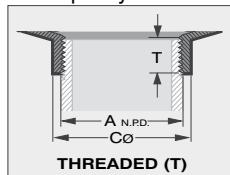
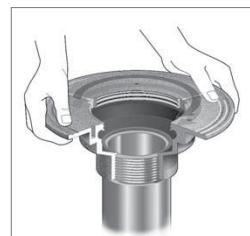
SPECIAL NOTE:

MIFAB "Push-on" gaskets are designed for use exclusively with MIFAB drainage products. They are not sold separately and all warranties either expressed or implied would be forfeited if used in other than a MIFAB drainage product. MIFAB's 2", 3" and 4" gaskets are designed to be used with both PVC and service weight (cast iron) pipe.

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3. THREADED (T)

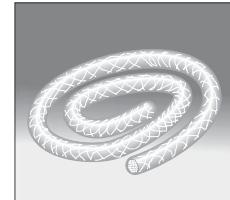
MIFAB Iron Pipe Threaded connection is an old industry standard. The female (NPT) threaded outlet is often specified on industrial and institutional applications. Specify suffix T for MIFAB's threaded connection.



	A	B	C
2" Threaded outlet	2"	3 1/4"	9/16"
3" Threaded outlet	3"	4 1/2"	3/4"
4" Threaded outlet	4"	5 5/8"	15/16"
5" Threaded outlet	5"	6 3/4"	15/16"
6" Threaded outlet	6"	7 3/4"	15/16"
8" Threaded outlet	8"	9 3/8"	1 1/8"

4. INSIDE CAULK (X)

The Inside Caulk drain outlet connection is a bottomless hub into which the drainage pipe is inserted. The bottom of the outlet is sealed with oakum in the annular space between the pipe and the hub and the connection is then sealed with melted lead. Inside caulk connections are compatible with No-Hub, service weight and extra heavy soil pipe. They can also be used with ABS and PVC pipe. Specify suffix X for MIFAB's inside caulk connections.



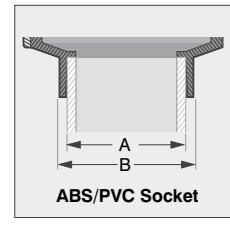
	A	B
2" Inside Caulk outlet	2 5/8"	3 1/16"
3" Inside Caulk outlet	3 3/4"	4 3/16"
4" Inside Caulk outlet	4 3/4"	5 3/16"
5" Inside Caulk outlet	5 3/4"	6 3/16"
6" Inside Caulk outlet	6 3/4"	7 3/16"
8" Inside Caulk outlet	8 7/8"	9 1/2"

5. PVC/ABS Socket (PVC=-30, ABS=-31)

Socket weld connections are proven installation time saver solutions. They provide a sanitary and resistant connection to the piping system for specialized applications.



	A	B
2" PVC / ABS socket	2.385"	2.710"
2" PVC / ABS socket	3.525"	3.910"
2" PVC / ABS socket	4.475"	4.950"



ABS/PVC Socket

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 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 pour, install the bodies onto the pipe and advise 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 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 to finish off with grout.

The Allstar cover is approximately 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 contractor 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.



PATENT
PENDING



Allstar cover with any MIFAB A1 body



Allstar cover with any MIFAB A4 body

MODEL NUMBER	LIST PRICE
A1-5-ALLSTAR	\$20.00
A1-6-ALLSTAR	\$22.00

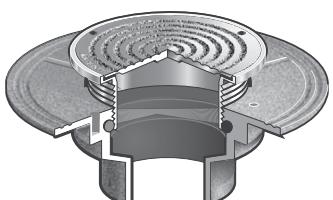
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MIFAB[®], Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA

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Visit www.mifab.com for the most recent product information.

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

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?

The MIFAB Modular System

OUR REPUTATION IS STAINLESS**KEY FEATURES AND BENEFITS:**

- Modular system with fewer parts, reduced 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 and cleanout covers for same price as nickel bronze. Prevents dishing, corrosion and discoloration.
- 4" NPSM threads at top of A1 body allows drain to be installed without
- membrane clamp for nonwater proof slab on grade floors.
- A1 body with no hub connection is only 3" deep for compact rough-in.
- A1 body always shipped tapped and plugged for trap seal primer connection.
- All area drain grates are adjustable and 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 designed 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 areas.
- 3/8" slots prevent large debris from entering the drainage system.
- Fully adjustable top assembly for ease of installation. Stainless Steel at the same price as Nickel Bronze.
- All sales subject to MIFAB's Terms and Warranties. Please refer to inside front cover.



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

CROSS REFERENCE

FRANK PATTERN TO MIFAB®		CLOSET FLANGES	
FLOOR DRAINS		Frank P	MIFAB
Frank P	MIFAB	w/4375R	5-1-CL
72.....(pg.3).....	F102P	w/5375R	5-1-CL
C-72.....(pg.3).....	F102X	w/5375S	S5-1-CL
N-72.....(pg.3).....	F102	w/6375R	6-1-CL
T-72.....(pg.3).....	F102T	w/6375S	S6-1-CL
N-73.....(pg.3).....	F103	w/7375R	7-1-CL
T-73.....(pg.3).....	F103T	w/8375R	8-1-CL
FLOOR DRAIN OPTIONS		Frank P	MIFAB
Frank P	MIFAB	100-EX.....(pg.10).....	DD-50-CL
w/4375R	5-1-CL	F-4R.....(pg.10).....	F4-50-CL
w/5375R	5-1-CL	F-6R.....(pg.10).....	F6-50-CL
w/5375S	S5-1-CL	F-90.....(pg.10).....	G-50-CL
w/6375R	6-1-CL		
w/6375S	S6-1-CL		
w/7375R	7-1-CL		
w/8375R	8-1-CL		
N-702.....(pg.4).....	F102-C	20C.....(pg.5).....	F302P
T-702.....(pg.4).....	F102T-C	30C.....(pg.5).....	F303P
N-703.....(pg.4).....	F103-C	40C.....(pg.5).....	F324P
T-703.....(pg.4).....	F103T-C		
N-704.....(pg.4).....	F104-C		
w/4375R	5-1-CL	6520N.....(pg.10).....	F652
w/5375R	5-1-CL	6520T.....(pg.10).....	F652T
w/5375S	S5-1-CL	6530N.....(pg.10).....	F653
w/6375R	6-1-CL	6530T.....(pg.10).....	F653T
w/6375S	S6-1-CL	6540N.....(pg.10).....	F654
w/7375R	7-1-CL		
w/8375R	8-1-CL		
CESSPOOL DRAINS		Frank P	MIFAB
Frank P	MIFAB	852.....(pg.11).....	R102P
		852N.....(pg.11).....	R102
		852SN.....(pg.11).....	R102N-90
		852ST.....(pg.11).....	R102-90
		852T.....(pg.11).....	R102T
DECK DRAINS			
		853.....(pg.11).....	R103P
		853N.....(pg.11).....	R103
		853SN.....(pg.11).....	R103N-90
		853ST.....(pg.11).....	R103-90
		853T.....(pg.11).....	R103T
		854.....(pg.11).....	R104P
		854N.....(pg.11).....	R104
		854SN.....(pg.11).....	R104N-90
CLEANOUTS & ACCESS COVERS		Frank P	MIFAB
Frank P	MIFAB	856N.....(pg.11).....	R106
		1202N.....(pg.11).....	R202
		1203N.....(pg.11).....	R203
		1204N.....(pg.11).....	R204
SHOWER DRAINS		Frank P	MIFAB
		20SD.....(pg.10).....	50-SD-TC
		21SD.....(pg.10).....	50-SD-TC
		220NC.....(pg.10).....	50-SD-TC
		T-6.....(pg.10).....	50-SD-T
IPS TO MIFAB®		IPS	MIFAB
		4020.....(pg.7).....	A1-2NH-7-CL
		4020-4430.....(pg.6).....	C222-R
		N403.....(pg.7).....	A1-3NH-7-CL
		N403-4430.....(pg.6).....	C223-R
		N404.....(pg.7).....	A1-4NH-7-CL
		N404-4440.....(pg.6).....	C224-R
		2340.....(pg.11).....	C236-TS-4
		4020.....(pg.7).....	A1-2P-7-CL
		4020 w/4430	C222P-R
		4030.....(pg.7).....	A1-3P-7-CL
		4030 w/4430	C223P-R
		4040.....(pg.7).....	A1-4P-7-CL
		4040 w/4440	C224P-R
CLEANOUTS		J Stephens	MIFAB
		A4 Series.....(pg.6).....	C220-R

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C36 Series.....(See MPB-2014)C1230	S59073(pg.14)FS723-150-30	ARD Series.....(pg.12)R100-31	873 Series.....(See MPB-2014)C1430-RD
C59 Series.....(pg.6).....C220-R	S59072(pg.14)FS722-150-30	ARP Series(See MPB-2014)C1430	876 Series(See MPB-2014)C1430
C60 Series.....(See MPB-2014)C1230		ASB Series(See MPB-2014)F340	877 Series(See MPB-2014)C1430
C61 Series.....(pg.6).....C220-R		ASC Series.....(See MPB-2012)C1230	878 Series(See MPB-2014)C1430
P49 Series.....(See MPB-2014)C1430		ASD Series.....(See MPB-2014)F340	890 Series(pg.11)CF42TC
CLOSET FLANGES			
J Stephens MIFAB			
C40320 (pg.11)CF32			
C40420(pg.11)CF42			
C40425(pg.11)CF42TC			
C40440(pg.11)CF44DTC			
C40500(pg.11)CF42TC			
C40640(pg.11)CFOS42TC			
FLOOR DRAINS			
J Stephens MIFAB			
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D50 Series.....(pg.8).....FD212TC-49	42255.....(pg.11)CF42	PGP Series.....(pg.9)FD230	
D51 Series.....(pg.4).....F100-C	42256.....(pg.11)CF42TC	PHD Series.....(pg.4)F100-C-30	
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D53 Series.....(pg.2).....F220	42370.....(See MPB-2014)C1430	PRD Series.....(pg.12)R100-30 / 31	
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D60 Series.....(pg.4).....F100-C	42374.....(See MPB-2014)C1430	PSD Series(See MPB-2014)F340	
D64 Series.....(pg.10)50-SD-TC	42375.....(pg.8)FD212TC-49	PSI Series.....(pg.2)F220	
D65 Series.....(pg.4).....F100-C	42376.....(pg.9)FD230	PWC Series(pg.12)R100-30 / 31	
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	43582.....(pg.9)FD230		
	43583.....(pg.9)FD230		
	43598.....(pg.9)FD230		
FLOOR SINKS (Porcelain, Cast Iron)			
J Stephens MIFAB			
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S55113(pg.15).....FS722-PB	43600.....(pg.9)FD230	Sioux Chief MIFAB	
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S55010(pg.15).....FS700-PG	43733.....(See MPB-2014)C1230	824 Series(pg.8)SD7000	
	43736.....(pg.6)C220-R	825 Series(pg.8)SD7000	
	43737.....(pg.6)C220-R	832 Series(pg.2)F220 w / Allstar Cover	
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S59003(pg.14)FS723-PB-30		834 Series(pg.6)C220 w / Allstar Cover	
S59002(pg.14)FS722-PB-30		840 Series(pg.9)FD230	
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S59082(pg.14)FS722-175-30	AHD-800 Series...(pg.4)F100-31-C	860 Series.....(pg. 5)F320	
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Sioux Chief MIFAB			
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Sioux Chief MIFAB			
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868-201 Series ..(See MPB-2014).R1260			
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705 SeriesContact MIFAB			
706 SeriesContact MIFAB			
BACKWATER VALVES			
JRS MIFAB			
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701-03(See MPB-2014)BV1253			
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705 SeriesContact MIFAB			
706 SeriesContact MIFAB			
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405-06(pg.11)C236-TS-1			
406-06(pg.7)S-1-TS-1			
406-05(See MPB-2014)6S-1-TS-1			
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410-L03(pg.7)A4-3P-7-CL			
410-L04(pg.7)A4-4P-7-CL			
410-LXH02(pg.7)A4-2P-7-CL			
410-LXH03(pg.7)A4-3P-7-CL			
410-LXH04(pg.7)A4-4P-7-CL			
410-Y02(pg.7)A4-2NH-7-CL			
410-Y03(pg.7)A4-3NH-7-CL			
410-Y04(pg.7)A4-4NH-7-CL			
410-10(pg.7)XR-4-CL			
410-11(pg.7)XR-4-CL			
410-13(pg.7)S-1-CL			
410-14(See MPB-2014)UR-1-CL			

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VACUUM BREAKERS		FLOOR SINKS								
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