MIFAB® MI-100
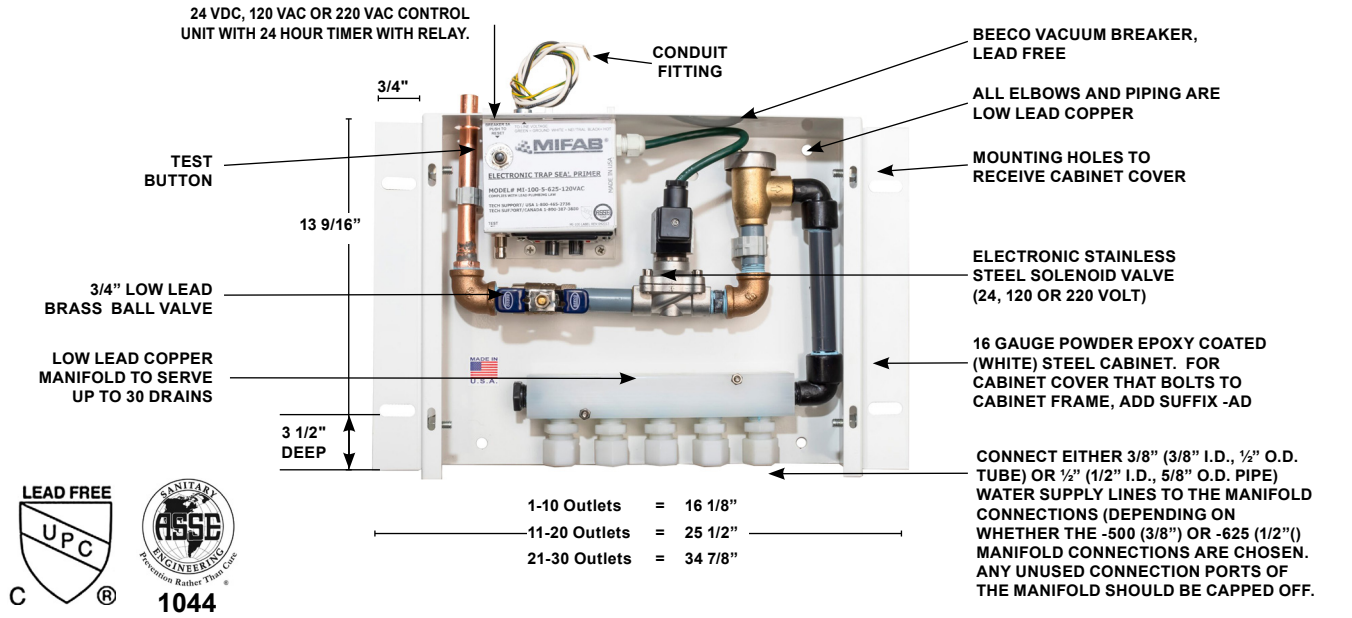
ENCLOSED ELECTRONIC TRAP SEAL PRIMER SYSTEM

Specification: MIFAB® Series MI-100* (*specify 5 to 35 outlet ports) enclosed electronic trap seal primer system with timer, 3/4" low lead brass ball valve, lead free bronze vacuum breaker, 1/2" stainless steel solenoid valve and plastic manifold with distribution ports. Electrical components to include single point power connection at 220VAC, 120VAC or 24VDC, manual override switch, minimum 5 amp breaker, 24 hour timer with relay and adjustable delay. All components to be factory assembled and installed into a 16 gauge satin coated steel box for recessed (standard) or surface mounted (specify suffix -SM) installation. The entire assembly is tested and certified to the ASSE 1044 Standard. 100 p.s.i. operating pressure.

Function: Used in areas that require frequent and automatic distribution of water into floor drain traps to maintain the water seal. This will prevent sewer gas from entering the area through the floor drains. A minimum of two ounces of water are supplied per opening at 20 PSIG once in every 24 hour period.

MI-100-5 ILLUSTRATED

24 VDC, 120 VAC OR 220 VAC CONTROL UNIT WITH 24 HOUR TIMER WITH RELAY.

CONDUIT FITTING

BEECO VACUUM BREAKER, LEAD FREE

ALL ELBOWS AND PIPING ARE LOW LEAD COPPER

3/4"

TEST BUTTON

13 9/16"

3/4" LOW LEAD BRASS BALL VALVE

LOW LEAD COPPER MANIFOLD TO SERVE UP TO 30 DRAINS

MOUNTING HOLES TO RECEIVE CABINET COVER

ELECTRONIC STAINLESS STEEL SOLENOID VALVE (24, 120 OR 220 VOLT)

16 GAUGE POWDER EPOXY COATED (WHITE) STEEL CABINET. FOR CABINET COVER THAT BOLTS TO CABINET FRAME, ADD SUFFIX -AD

3 1/2" DEEP

LEAD FREE UPC C ®

SANITARY ENGINEERING Prevention Rather Than Cure ® ASSE 1044

1-10 Outlets = 16 1/8"
11-20 Outlets = 25 1/2"
21-30 Outlets = 34 7/8"

CONNECT EITHER 3/8" (3/8" I.D., ½" O.D. TUBE) OR ½" (1/2" I.D., 5/8" O.D. PIPE) WATER SUPPLY LINES TO THE MANIFOLD CONNECTIONS (DEPENDING ON WHETHER THE -500 (3/8") OR -625 (1/2"() MANIFOLD CONNECTIONS ARE CHOSEN. ANY UNUSED CONNECTION PORTS OF THE MANIFOLD SHOULD BE CAPPED OFF.

MODEL NO.	DESCRIPTION
MI-100-5	1-5 opening ports with cabinet*
MI-100-10	6-10 opening ports with cabinet*
MI-100-15	11-15 opening ports with cabinet*
MI-100-20	16-20 opening ports with cabinet*
MI-100-25	21-25 opening ports with cabinet*
MI-100-30	26-30 opening ports with cabinet*

*Note:

- Plumbing system conditions vary and can sometimes cause water hammer with solenoid valves, consideration should be given to locating a WHA close to the inlet of electronic trap primers.

- Cabinet can be surface or flush mounted. The same cabinet can be installed either way.

- ***Width of cabinet will increase for 11 outlets and up.**

SUFFIX	OPTIONAL VARIATIONS
-A	Allen key lock for access door (door is separate)
-AD	Cabinet Cover (bolted to cabinet frame and non hinged) (16 gauge powder epoxy coated steel (white)
-ADSS	Stainless Steel (Type 304) Cabinet Cover (bolted to cabinet frame and non hinged) (16 gauge fabricated stainless steel (Type 304)
-BA	Buy American Act compliant product
-BP	Battery Pack
-C	Cylinder key lock for access door (door is separate)
-DW	Drywall bead frame for access door (5" cabinet depth) (door is separate)
-ENC	Steel Cabinet to enclose MI-200 / MI-300 (16 gauge powder epoxy coated steel (white) cabinet
-ENCSS	Stainless Steel (Type 304) Cabinet to enclose MI-200 / MI-300 (16 gauge fabricated stainless steel (Type 304)

SUFFIX	OPTIONAL VARIATIONS
-MFRU	Uninsulated fire rated access door, flush mount (6" minimum overall depth)
-PL	Paddle latch for access door (door is separate)
-SS	Stainless Steel (Type 304) Cabinet (16 gauge fabricated stainless steel (Type 304) (MI-100 only)
-UA	Access door, prime coated (5" minimum overall depth)
-UASS	Access door, stainless steel (5" minimum overall depth)
-24VDC	24 VDC
-75WS	3/4" water supply connection
-120VAC	120 VAC
-220VAC	220 VAC
-500	1/2" compression connection ports
-625	5/8" compression connection ports

Job Name: _____

Section No: _____

Schedule No: _____

Page No: _____

Contractor: _____

Purchase Order No: _____

MIFAB® *reserves the right to make changes in material and design without formal notice and obligation.*   USA: 1-800-465-2736 www.mifab.com CAN: 1-800-387-3880

2019-04-18