



Precision Plumbing Products

"Specify with Confidence - Install with Pride"

LEAD FREE

PRIME-TIME EMS 24VOLT FOR USE WITH YOUR ENERGY MANAGEMENT SYSTEM - FLUSH MOUNT

www.pppinc.net

It's PRIME-TIME to meet your floor drain trap priming needs. This unique trap priming assembly uses your EMS to maintain a constant water seal in floor drain traps and is available in 4 through 30 opening configurations and all the contractor needs to do is simply supply the potable water and connect to EMS, Precision supplies the rest...

FEATURES:

- ATMOSPHERIC VACUUM BREAKER
- ENERGY MANAGEMENT READY
- MANUAL OVER RIDE SWITCH
- 24V SOLENOID
- 3/4" FNPT CONNECTION
- CALIBRATED MANIFOLD FOR EQUAL WATER DISTRIBUTION
- OUTLET FITTING OPTIONS: 5/8" OR 1/2" COMPRESSION, 1/2" PROPEX and PEX FITTINGS
- FOUR OPENING MANIFOLD TO THIRTY OPENING MANIFOLD

The Electronic Priming Assembly pictured is available in a single configuration but is capable of priming from thirteen to twenty separate floor drain traps from a single control unit. The manifold is available in either 1/2" or 5/8" compression and 1/2" PEX fittings. This model serves 13 to 20 drains.

Part Number:
PT-1320-EMS-24V

Cabinet Dimension:
ID 20-1/2" W x 16-1/2"
H x 3-3/8" D

Access Door Part Number:
D-1620PC
D-1620SS



The EMS 24 Volt will supply potable water through **your Buildings Energy Management System**. The entire unit is pre-assembled in a steel cabinet ready to be mounted. **Unit is not supplied with a timer.** For use in connection with your buildings energy management system only.

FLUSH MOUNT CABINETS

The Electronic Priming Assembly pictured is available in five separate configurations. The model PT-4-EMS-24V offers a four opening manifold capable of priming four separate floor drain traps from a single control unit. Models PT-6-EMS-24V thru PT-12-EMS-24V provide the same features only expanding to a total of twelve floor drains. All manifolds are available in either 1/2" or 5/8" compression, and 1/2" PEX fittings.

Part Number:
PT-4-EMS-24V, PT-6-EMS-24V, PT-8-EMS-24V,
PT-10-EMS-24V,
PT-12-EMS-24V

Cabinet Dimension:
ID 14" W x 16" H x
3-3/8" D

Access Door Part Number:
D-1416PC
D-1416SS



The Electronic Priming Assembly pictured is available in a single configuration but is capable of priming from twenty one to thirty separate floor drain traps from a single control unit. The manifold is available in either 1/2" or 5/8" compression and 1/2" PEX fittings. This model serves 21 to 30 drains.

Part Number:
PT-2130-EMS-24V

Cabinet Dimension:
ID 30-1/2" W x 20-1/2" H
x 3-3/8" D

Access Door Part Number:
D-2030PC
D-2030SS



SPECIFICATIONS

MODEL # PT- _____ EMS24V
PT-1320 EMS-24V # of drains served: _____
PT-2130 EMS-24V # of drains served: _____

(Please refer to list on the right for dimensions of cabinet models). Unit must be installed plumb and must be installed with access. The priming valve make-up line to floor drain is recommended to be a minimum 12" (305mm) off the finished floor before a 90° elbow can be installed.

COMPRESSION FITTINGS: (CHECK ONLY ONE)	
<input type="checkbox"/>	1/2" Comp. for 3/8" ID Copper Line
<input type="checkbox"/>	5/8" Comp. for 1/2" ID Copper Line. This line is the floor drain trap make-up water line.
<input type="checkbox"/>	1/2" PEX
<input type="checkbox"/>	1/2" ProPEX Uponor
CABINET: 16 Gauge Steel	
<input type="checkbox"/>	Dry Wall, Flush Mount (In Wall) Cabinet Depth 4", Mounting Anchor Provided
<input type="checkbox"/>	Fire Rated, Flush Mount (In Wall) Cabinet Depth 6", Mounting Anchors Provided
ACCESS DOOR: Dry Wall	
<input type="checkbox"/>	Prime Coat
<input type="checkbox"/>	Stainless Steel
ACCESS DOOR LATCH:	
<input type="checkbox"/>	Screw Driver - Standard
<input type="checkbox"/>	Allen Key
<input type="checkbox"/>	Cylinder Lock
ACCESS DOOR: Fire Rated	
<input type="checkbox"/>	Prime Coat
<input type="checkbox"/>	Stainless Steel
ACCESS DOOR LATCH:	
<input type="checkbox"/>	Ring Pull - Standard
<input type="checkbox"/>	Cylinder Lock
VOLTAGE:	
<input type="checkbox"/>	24 V For Energy Management System

PROJECT SUBMITTAL

Project: _____

Contractor: _____

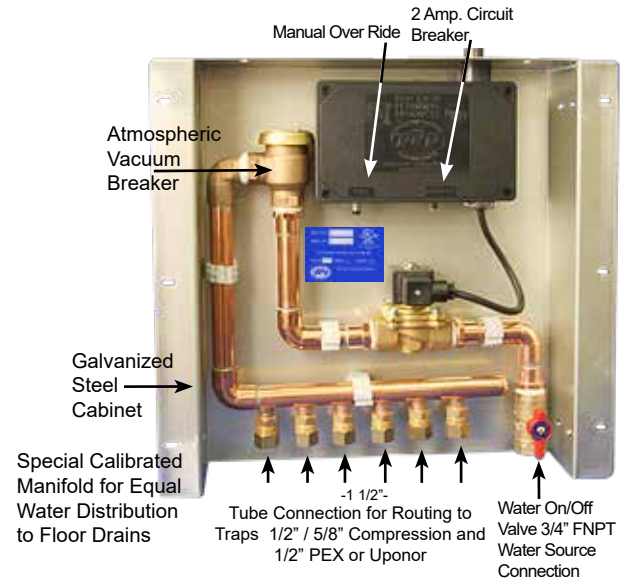
Engineer: _____

Date Submitted: _____

Prepared By: _____

NOTE: UNIT MUST BE INSTALLED WITH EXISTING BUILDING ENERGY MANAGEMENT SYSTEM.

MUST BE INSTALLED PLUMB. - MUST BE INSTALLED WITH ACCESS.
 - ALL PRIME-TIME FLUSH MOUNT UNITS ARE AVAILABLE IN FIRE RATED CABINETS - 6" IN DEPTH.



CABINET DIMENSIONS:
MODEL # PT-4 EMS-24V - PT-12 EMS-24V ID Width 14" x Height 16"
MODEL # PT-1320 EMS-24V ID Width 20 1/2" x Height 16 1/2"
MODEL # PT-2130 EMS-24V ID Width 30 1/2" x Height 20 1/2"

DEPTH OF CABINET:
 Standard 3-3/8", Fire Rated 6"
INLET:
 3/4" inch NPT female. ANSI/ASME B1.20.1.
OUTLET:
 5/8" or 1/2" compression or 1/2" PEX or Uponor fitting. SAEJ512.
MANIFOLD:
 3/4" Type "L" copper tubing. ASTM B88.
SOLDERED JOINTS:
 95-5 lead free containing lead not in excess of 0.2%.
ELECTRICAL COMPONENTS:
 Circuit Breaker, Test Switch, Solenoid Valve marked as UL listed.
 Electronic assembly tested and certified per UL #73.
BACKFLOW PREVENTION:
 Anti-Siphon atmospheric vacuum breaker meets Los Angeles code, IAPMO, New York Board of Standards, ASSE 1001 and CSA.
METAL CABINET:
 16 gauge steel, galvanized.
ACCESS DOOR:
 Optional: Prime Coat, Stainless Steel, and Fire Rated.
TEMPERATURE/PRESSURE:
 32°F - 125°F, 20 PSI - 150 PSI.
ELECTRICAL SPECIFICATIONS:

24 VOLT 24/60 6.3 Watts
 8.8 VA Holding
 12.1 VA In Rush

PATENT NO. 5,253,670



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