



Precision Plumbing Products

"Specify with Confidence - Install with Pride"

PRIME-TIME 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

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 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 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



The EMS 24 Volt will supply potable water through your Energy Management System. The entire unit is pre-assembled in a steel cabinet ready to be mounted.

SPECIFICATIONS

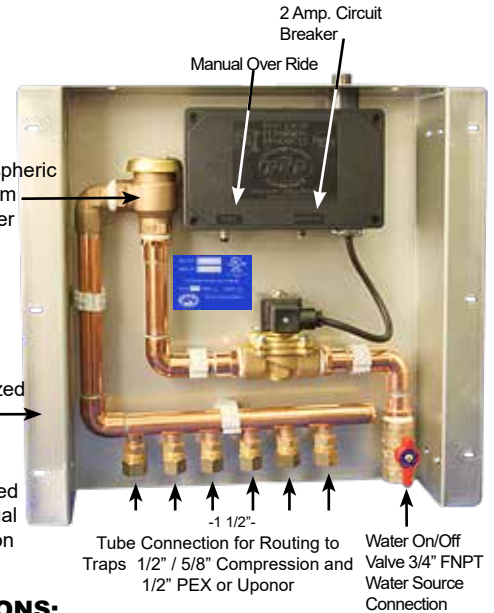
MODEL # PT- _____ EMS24V
PT-1320 EMS-24V # of drains served: _____
PT-2130 EMS-24V # of drains served: _____

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

PROJECT SUBMITTAL

Project: _____
 Contractor: _____
 Engineer: _____
 Date Submitted: _____
 Prepared By: _____



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, Timer, 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.

NOTE: UNIT MUST BE INSTALLED PLUMB.

- MUST BE INSTALLED WITH ACCESS.

- ALL PRIME-TIME FLUSH MOUNT UNITS ARE AVAILABLE IN FIRE RATED CABINETS - 6" IN DEPTH.



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