



**Precision Plumbing Products**  
*"Specify with Confidence - Install with Pride"*

**MINI-PRIME ENERGY MANAGEMENT SYSTEM**

www.pppinc.net

The Mini-Prime Energy Management System will Provide potable water through your energy management system. The unit is pre-assembled in a steel cabinet ready to be mounted.

**MINI-PRIME W/BOX**

MPB-500-EMS-24V

**ROUGH-IN DIMENSIONS**

- A. 12 INCHES
- B. 12 INCHES
- Depth 4 INCHES

NEMA Type 1, UL 50,  
 12" x 12" x 4" - 16 gauge steel  
 w/screw on cover ANSI 61 gray  
 polyester powder paint.



**A**  
 (cover not shown in photo).

**PLEASE NOTE:**

Designed for use with 1 to 4 floor drains.

The trap primer valve make up line to floor drain is recommended to be a minimum of 12" off the finished floor before a 90° elbow can be installed. The furthest recommended distance of makeup line is approximately 20' to floor drain. Trap primer make up line must have a continuous slope to the floor drain (consult local code requirements).

- INLET:** 1/2" NPT Male. ANSI/ASME B1.20.1.
- OUTLET:** 1/2" NPT Female. ANSI/ASME B1.20.1

**DISTRIBUTION UNITS:**

(DU Series) Drain Outlet: 5/8" and 1/2" Compression Fittings SAEJ512 -1/2" female NPT ANSI/ASME B1.20.1.

**SOLDER JOINTS:**

95-5 lead free. Containing lead not in the excess of 0.2%.

**ELECTRICAL COMPONENTS:**

Circuit Breaker, Test Switch, Solenoid Valve UL Listed.  
 Electrical assembly listed per UL #73.

**TEMPERATURE/PRESSURE:**

32°-125° F, 20 PSI-150 PSI.  
 Minimum 8oz. water at 60 PSI for up to 4 drains.

**ACCESS DOOR FOR MP-500 Model:**

D-814PC, D-814SS, F-814PC, F-814SS.

PROJECT SUBMITTAL MODEL # \_\_\_\_\_  
 Project: \_\_\_\_\_  
 Contractor: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Date Submitted: \_\_\_\_\_  
 Prepared By: \_\_\_\_\_

**Precision Plumbing Products**

Division of JL Industries, Inc.

802 SE 199th Ave  
 Portland, Oregon 97233

T (503) 256-4010  
 F (503) 253-8165

www.pppinc.net

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