

PR-500 PRIME-RITE TRAP PRIMER VALVE

Dimensional Data (mm) are Subject to Manufacturing Tolerances and Change Without Notice

ENGINEERING SPECIFICATION

- No adjustment required
- Automatically maintains a constant water seal in floor drain traps
- Prime Rite automatic pressure drop activated trap primer valve will prime up to 2 floor drains using PPP's patented distribution DU-U and DU-4 units
- System operating range is 150kPa minimum to 550kPa maximum
- The valve requires a 70kPa pressure drop across the valve to activate
- Will deliver a metered amount of water to the floor drain
- Trap primer is to be connected to a cold water supply only
- Constructed from 360 Corrosion Resistant Brass, EPDM E70 O-rings, Dow #7 Silicone, #60 stainless steel mesh screen

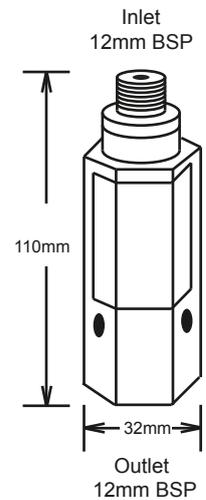
INSTALLATION REQUIREMENTS

- This valve is designed to be installed on 38mm diameter (or less) cold water line, feeding a flush valve or other open and closing valve supply line that is frequently used
- Trap Primer valve makeup line to floor drain is recommended to be a minimum of 305mm above the finished floor before a 90° elbow can be installed
- The furthest recommended distance of makeup line is 508mm to the floor drain
- Trap primer make up line must have continuous slope to the floor drain (consult local code requirements)
- Install with a shut off valve for servicing on the inlet side and a union connection on the outlet side
- The valve must be installed vertically and must be level
- If using the distribution unit the clear plastic cover must be used
- Do not subject the valve to rough in pressure test

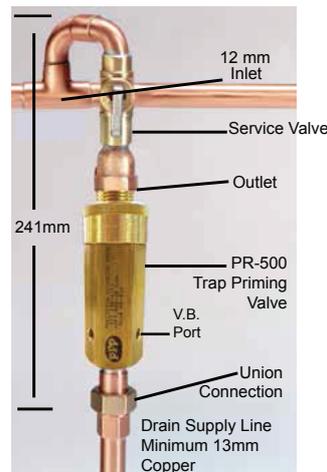
PRODUCT INFORMATION

PR-500 FEATURES

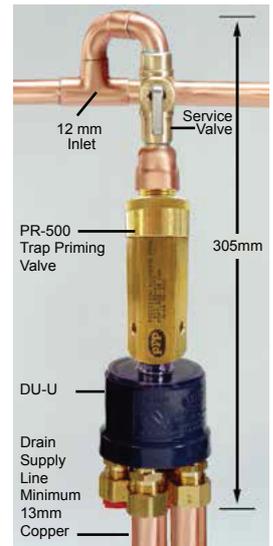
Min. Operating Range	150kPa
Max. Operating Range	550kPa
Pressure drop	70kPa



Single Drain Installation



Multiple Drain Installation



STANDARDS COMPLIANCE

WaterMark Approved - WMTS 5200.420



WATER DISTRIBUTION UNIT

PPP DU-4

Copper Body

Brass Discharge Fittings

