For Non-Health Hazard Applications

Job Name _____ Contractor _____

Job Location _____ Approval _____

Engineer _____ Contractor's P.O. No. _____

Approval _____ Representative _____

HydroPanel® II Shower System

With HydroGuard® PB410 Pressure Balancing Valve



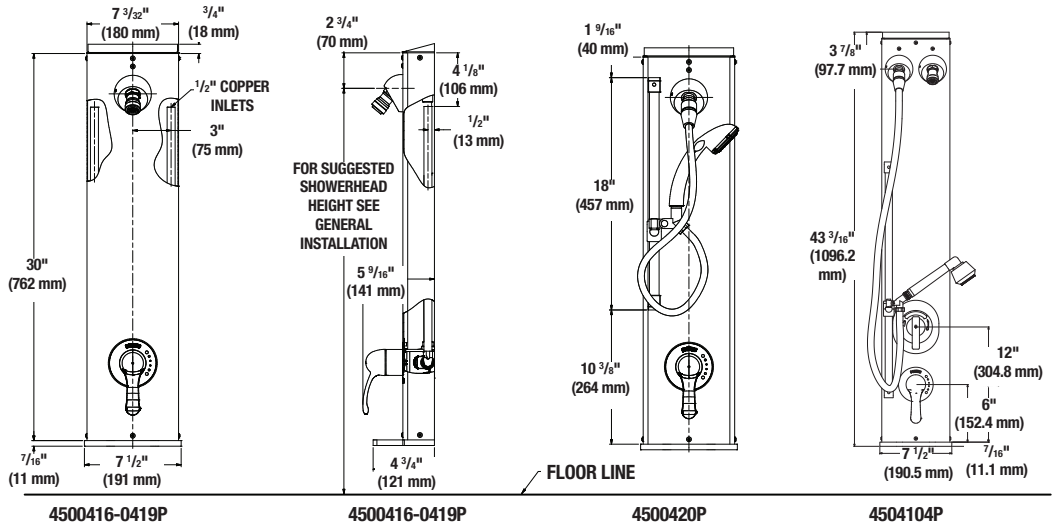
Features

- PB410 pressure-balancing valve cartridge design quickly compensates for pressure changes
- Metal-to-metal limit stop limits handle rotation ensuring safe water delivery temperature
- ADA compliant lever handle and color coded dial for quick and easy temperature selection
- Brushed stainless steel surface for easy cleaning and maintenance
- Optional modular shrouding offers convenient configuration of horizontal and vertical panel to cover all exposed shower room piping.
- Brackets included for easy installation
- Available with or without stainless steel soap dish

Specifications

HydroPanel II	Brushed 18 gauge 304 stainless steel
Piping	½" (15mm) copper tubing
Connections	½" (15mm) copper
Flow Rate	5 gpm (19 lpm)
Maximum Hot Water Temperature	190°F (88°C))
Maximum Operating Pressure	125 psi (862 kPa)
Showerhead	Fixed chrome plated brass
	Adjustable swivel chrome plated brass
Hand Shower	Full spray with push button
Listing/Certification (Valve only)	ASSE 1016, CSA B125

Dimensions



Note:
Dimensions are shown ±½''
Dimensions in parentheses are in mm

Powers product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Powers Technical Service. Powers reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Powers products previously or subsequently sold.

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General Installation

The recommended minimum distance between the centerline of two HydroPanel® II units is 36" (914 mm). Position units evenly between inlet supply piping. Suggested showerhead heights (if not shown on architectural plans for shower room) are:

Men	77" (1956 mm)	Male youth	66" (1676 mm)
Women	70" (1758 mm)	Female youth	60" (1524 mm)

Ordering Information

HydroPanel II with PB410 Pressure Balancing Valve and Metal Lever Handle.

☐	HydroPanel II with Fixed Showerhead and Soap Dish	4500416P
☐	HydroPanel II with Fixed Showerhead less Soap Dish	4500417P
☐	HydroPanel II with Swivel Showerhead and Soap Dish	4500418P
☐	HydroPanel II with Swivel Showerhead less Soap Dish	4500419P
☐	HydroPanel II with Hand Shower, VB with Soap Dish	4500420P
☐	HydroPanel II with Hand Shower, VB less Soap Dish	4500421P
☐	HydroPanel II with Fixed Showerhead, Diverter, Deluxe Hand Shower, VB and Soap Dish	4504104P

Typical Specification

Surface Mount Shower System shall be of a brushed 18 gauge 304 stainless steel. Valve shall be of cast brass construction; poppet/diaphragm cartridge to respond quickly to pressure changes to maintain the user adjusted bathing temperature. Valve shall have metal-to-metal limit stop. Valve shall meet the performance requirements of CSA B125 and ASSE 1016 Type P.

Surface Mount Shower System shall be Powers 450_ _ _ _ P. Any alternate must have written approval before bidding.

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