

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series PB410 Pressure Balancing Mixing Valves

Type PB413 (3 port)/Type PB417 (4 port)

Description

The Series PB410 Hydroguard® is a pressure-compensating mixer, which delivers a predetermined water temperature, compensating for pressure fluctuations in the hot or cold water supplies.

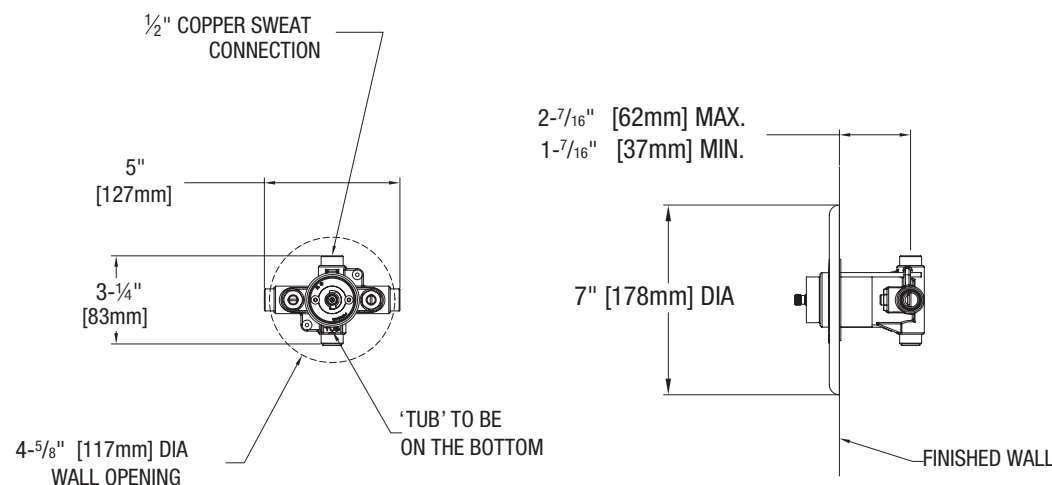
The Series PB410 Hydroguard® features heavy, cast-brass construction, a poppet-type equalizing valve as part of a replaceable cartridge. The poppet-type construction offers a distinct advantage; it will not stick because of lime build-up or foreign particles in the supplies. The adjustable metal-to-metal temperature limit stop prevents accidental scalding caused by over adjustment of the handle. It also features integral checkstops, back-to-back and shallow wall installation. PB413 and PB417 valves and shower systems can be selected to meet the Americans with Disabilities Act (ADA). (See back page for details.)



Model PB413000000

Specifications

Connections:.....	1/2" Sweat Inlets/Outlets
Capacity:.....	5.0 gpm (19 l/min.)
Maximum Hot Water Supply Temperature:.....	190°F (88°C)
Maximum Static Pressure:.....	125 psig (862 kPa)
Maximum Operating Pressure:.....	125 psig (862 kPa)
High Temperature Limit Stop:.....	Metal to Metal, Adjustable
Certification:.....	CSA B125
Listing:.....	ASSE 1016
Shipping Weight:.....	4.5 lbs. (2.0 kg)



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.

Specification for Shower and Tub/Shower Systems — For Series PB410 Valves

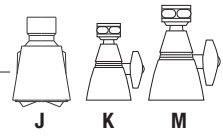
To order complete Series 410 systems...

Valves

- 3 port valve w/plug **PB413**
- 4 port valve **PB417**

Showerheads

- Economizer, Chrome-Plated ABS, Adjustable **J**
- Standard, Chrome-Plated Brass **K**
- Deluxe, Chrome-Plated Brass **M**
- Low Flow (1.6 gpm) Chrome-Plated **G**
- Low Flow (1.5 gpm) Chrome-Plated **H**

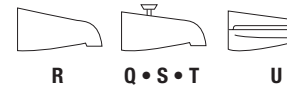


Arm and Flange Kits

- Standard Arm and Flange **1**
- Deluxe Arm and Flange **2**
- Standard Arm/Flange & High Temp. Shutoff **4**
- Deluxe Arm/Flange & High Temp. Shutoff **5**

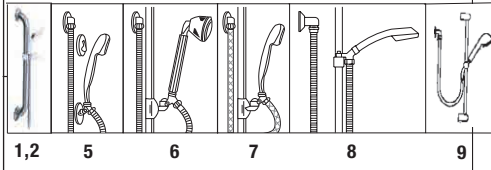
Tub Spouts

- Diverter, Chrome-Plated Brass, 3/4" IPS **Q**
- Non-Diverter, Chrome-Plated, 1/2" IPS **R**
- Diverter, Chrome-Plated, 1/2" IPS **S**
- Diverter, Chrome-Plated Brass, 1/2" IPS **T**
- Diverter, Chrome-Plated, 1/2" Slip-fit **U**



Hand Shower Systems

- 24" Chrome ADA Wall Grab Bar System **1**
- 36" Chrome ADA Wall Grab Bar System **2**
- Deluxe, Metal Hose, 30" Slide Bar **3**
- Professional, Vinyl Hose, 30" Slide Bar **4**
- Standard, Metal Hose, Two Wall Hooks **5**
- Deluxe, Metal Hose, 24" Slide Bar **6**
- Professional, Vinyl Hose, 24" Slide Bar **7**
- Standard Plus, Metal Hose, 24" Slide Bar **8**
- European, Metal Hose, 23" Slide Bar **9**
- Low Flow (1.5 gpm), Metal Hose, 30" Glide Rail **L**
- Professional, Metal Hose, 30" Glide Rail **N**

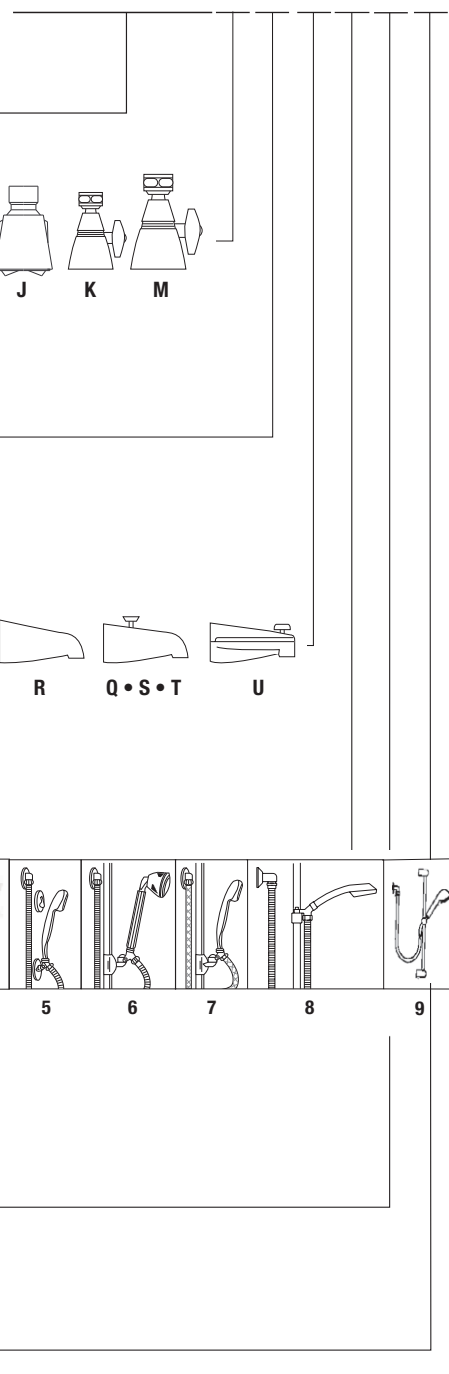


Diverters

- Concealed Diverting Valve, Metal Handle, 1/2" Sweat **Y**
- Diverter, Concealed, Deluxe ABS Handle, 1/2" Sweat **A**
- Diverter, Concealed, Deluxe Metal Handle, 1/2" Sweat **B**
- Exposed Diverter, Shower Arm-Type, Chrome-Plated **Z**

Vacuum Breakers

- Vacuum Breaker, Elevated, Chrome-Plated **V**
- Vacuum Breaker, In-Line **W**



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