



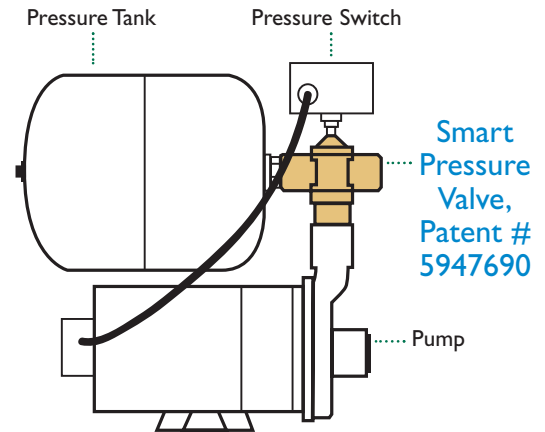
PBS Series Pressure Booster Systems

PBS-8 & PBS-18

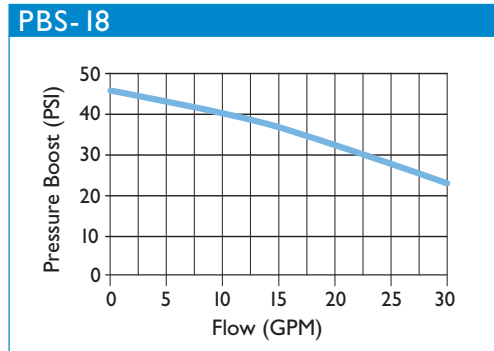
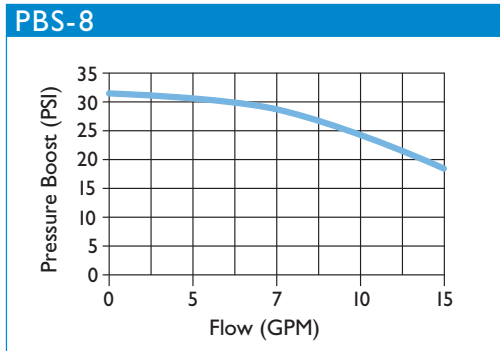
The PBS Series booster systems feature a patented Smart Pressure valve. This unique product delivers constant water pressure at any given flow rate. It works by isolating the system's pressure switch when the pump is running, thus enabling the pump to deliver its full flow output without nuisance pressure fluctuations.

The PBS system is field adjustable to a maximum inlet pressure of 40 PSI and outlet pressures of up to 80 PSI for adaptation to most residential and light commercial water systems.

When water pressure is a problem, the PBS Series Booster system is the solution!



Performance Curves



Note: Pressure boost as listed on the above pump curves is in addition to the inlet pressure from the water supply.

Pressure Booster Sizing Chart

Outlets	Flow Rate GPM	Total Usage (gallons)	Bathrooms in Home			
			1	1.5	2 - 2.5	3 - 4
Shower or Bath Tub	5	35	35	35	53	70
Lavatory	4	2	2	4	6	8
Toilet	4	5	5	10	15	20
Kitchen Sink	5	3	3	3	3	3
Automatic Dishwasher	5	35		18	18	18
Dishwasher	2	14			3	3
* Normal seven minute peak demand (gallons)			45	70	98	122
Minimum flow rate required to meet peak demand without supplemental supply			7 GPM (420 GPH)	10 GPM (600 GPH)	14 GPM (840 GPH)	17 GPM (1020 GPH)
** Recommended Model			PBS-8 or PBS-18	PBS-8 or PBS-18	PBS-18	PBS-18

NOTE: Values given are average and do not include higher or lower extremes
 * Peak demand can occur several times during morning and evening hours
 ** Refer to individual pump curves to confirm corresponding pressure boost

Dimensions and Capacities

Model	Pump Data			Dimensions			Weight (lbs)
	HP	Inlet	Outlet	Height	Length	Width	
PBS-8	3/4	1 1/4" F	1" M x 3/4" F	16"	16"	10"	30
PBS-18	1	1 1/4" F	1" M x 3/4" F	19"	19"	10"	41

Pump motor: CSA & CE listed • Pressure switch: UL & CE listed • Pressure tank: NSF 61 listed



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For More Information
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