

Modern house hold appliances such as showers, massage units, washing machines, dish washers, garden sprinklers, kitchen taps, and in fact just about every water use demands strong water pressures which unfortunately not there especially in multi story buildings. To obviate these difficulties, Tech Pumps Offers automatic pressure boosters which when fitted in series to the water pipe line between the water source, underground sump/overhead tank and the delivery line of the plumbing system delivers water at peak pressures from all taps at the same time automatically.

The Tech Pumps booster system consist of a pump, diaphragm tank, pressure switch, pressure gauge and five way connector. The system controls an electrical driven water pump by means of the pressure withstands and stops the pump whenever a tap is opened/closed thereby maintaining a high pressure on the line throughout when the pump runs and as long as water is required by the customer. Several options and combinations of pumps and tanks are offered depending upon the installation needs.

The combinations in general range from 0.5hp to 2hp with 24 litres to 500 litres hydro pneumatic tanks. From holiday resorts, multi story buildings, hotels to homes and even village, water supplies in our neighborhood, Tech Pumps automatic pressure systems have earned a reputation for quality and reliability. The Tech Pumps range of home water pressure system incorporates indigenous/imported permanently split capacitor motor monobloc pump sets which can starts, stop and restart several times per minute without any damage or overheating. These motors combined with the special flow characteristics of the pump, enable Tech Pumps to offers you the economy and space saving models with its small tank. For situations requiring higher volumes of water or where multiple take off points and frequent usage require larger tanks and pump capacities, we offer different models and taller make solutions.

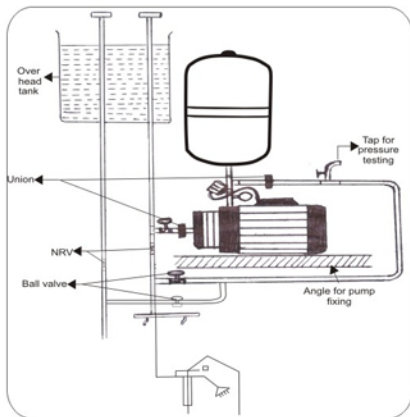
Further, the booster systems are solid in two versions, viz

- ❖ Systems with Cast Iron pumps
- &
- ❖ Systems with Stainless Steel pumps

Since the Tech Pumps pressure water systems offer sufficient volume of water between pump motor stops and start, a real saving of energy is effected in terms of power costs.

Salient Features

- ❖ Light, Compact & easy to install.
- ❖ Fully Automatic with adjustable pressure ratings.
- ❖ Rugged construction with IP 55 protection.
- ❖ Stainless steel shaft with Bronze/S.S Impellers.
- ❖ Minimum Pump cycling ensuring longer motor life.
- ❖ Extruded Aluminium motor body.
- ❖ TEFC motor with F class insulation & Silent Operation.
- ❖ Dry Run & Thermal overload protection.
- ❖ Low energy Consumption & Operational cost.
- ❖ Excellent after sales services.
- ❖ Easy availability of spares.
- ❖ Free site survey & Affordable price.



Model H.P.	Voltage (Single phase)	Max Operating pressure Bars	Discharge LPH	Suitable for Number of Bath Rooms
0.8	230	2.6	2400	2
1.0	230	3.8	3000	4
1.5	230	4.8	4500	6
2	230	5.5	5500	10

In view of continuous development all the information given in this brochure is subject to change without prior notice

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