

Sofpour®

pressure pump

enhance
your
water pressure...



Sofpour in its endeavor to provide world class products and services to its customers is there with a range of pressure booster pumps for domestic and commercial applications.

With our experience and expertise in water industry we have come up with pressure booster pumps that are efficient, durable, compact, powerful and silent to satisfy customer needs aptly.

Sofpour pumps are manufactured in stainless steel which ensures that pumps are durable in varied water conditions and also keeps the water safe from contamination.

Salient Features :

- 99.9% Copper Motor Winding
- Wide Voltage Range Operation
- Silent Operation
- Stainless Steel Hardware
- Stainless Steel Impeller
- Stainless Steel Input/Output
- Stainless Steel Casing
- Aluminium Die Cast Motor Body
- Built-in Thermal Protection
- Dry Running Protection
- High Quality Pressure Tank

Applications

Pumps are designed for potable water transfer and pressure boosting in:



Households



Gardens



Agriculture



Irrigation



Horticulture



Car Washing



Small Industries



Dairy Plants



Hotels & Resorts



Commercial Buildings



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The Pressure Booster Pump operates with the help of pressure switch. Cut-in and Cut-out pressure can be set manually on the pressure switch. Cut-in is the pressure range at which pump starts and builds pressure in the pipeline. Cut-out is the pressure range at which pump stops on achieving that pressure. When water is drawn from the system it is first drawn from the pressure tank. Upon using water from pressure tank, pressure in the system drops to cut-in pressure which starts the pump and again maintains the fluid pressure in the system. When the consumption of water stops pressure in the system starts increasing. The pump stops upon filling the pressure tank with water and achieving the cut-out pressure.

The cut-in and cut-out pressure can be adjusted manually according to the needs of the customer. These pumps are widely used in domestic applications and supplied as complete, pre assembled and factory tested systems including pressure tank, pressure switch, pressure gauge, five way connector, spring type NRV and float switch.

Technical Specification

Input Supply	: 10 AC, 180-240 V, 50 Hz
Power Range	: 0.5 HP to 1.5 HP, 0.37 kW to 1.1 kW
Pressure Range	: 1.5 bar to 4.5 bar
Rated Speed	: 2900 rpm
Type of Duty	: S1 (Continuous)
Insulation Class	: F
Rotation	: Clockwise when viewed from motor rear end

Performance of Sofpour Pressure Booster Pump

Pump Model	Power		Pipe Size (mm)		Weight (approx.) Kg	Flow / Head Q (m ³ /h) Q (l/min)	Total Head in Meters						
	kW	HP	Suc	Del			1	2	3	4	5	6	7
SPB FSS 2-40	0.37	0.5	25	25	9.7	H (m)	16.7	33.3	50	67	83	100	117
SPB FSS 4-50	0.75	1.0	32	25	11.2		34	28	23.5	19			
SPB FSS 4-55	0.75	1.0	32	25	12.3		38	36	33.5	30	26	20.5	14
SPB FSS 4-60	1.1	1.5	32	25	17		47	45	42.5	38	32.5	25	18
							58	55.5	52	47	40	31.5	25

Note : To the best of our knowledge the information contained in this publication is accurate. Sofpour Innovations Pvt Ltd maintains a policy of continuous development and given technical specifications are subject to change without prior notice. Pump has to be covered suitably against rain and direct sunlight while ensuring proper ventilation.

Sofpour Innovations Pvt Ltd

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