

NEXT GEN
PRODUCTS
Smart Pump for Smart People



C.R.I. PUMPS
Pumping trust. Worldwide.



Booster System | i-Smart Pump | Sewage & Drainage Pumps
Circulatory Pumps | Swimming Pool Pumps

PRODUCT BOOKLET

C.R.I. Pressure Booster System

C.R.I. Pressure Booster system has a complete combo package for water pressure boosting and it is precisely designed for hassle free performance. The complete system developed to preserve constant water pressure in all outlets, whenever pressure drops/attains to the desired level, pump will Start/Stop automatically. Over all compactness of the pressure boosters consumes lesser space and quality assured components were used for high accuracy, so that noise level will be in limit. We could proudly say, C.R.I. Pressure Boosters are “Fit and Forget” products.

FUNCTIONS

The system consists of pump, non-return valve, pressure switch, pressure gauge, Y-Strainer and pressure tank. As the Y-Strainer included in the system, the entry of foreign particles are avoided and thus the system life is extended.

Applications

- Residential Buildings • Industries • Hotels • Hospitals
- Apartments • Bungalows

Salient Features

- Ensures even pressure at all the water outlets • Automatic ON & OFF of pump while opening & closing of taps • In-built thermal overload protector, protects motor from overload fault • Lesser running cost than the conventional systems • Factory tested system and supplied as a package

Specifications

	PCJS
Power ranges upto	1HP
Flow upto	3.6 m ³ /hr
Maximum pressure	4.6 bar
Liquid temperature upto	33°C

MOC - Pumpset

Part Name	Material
Pump Casing	Cast Iron
Rotor	Aluminium Die Cast
Motor Body	Aluminium Extruded
Motor Shaft	SS 410
Impeller	SS / CI / High Tensile Brass / Noryl
Mechanical Seal	Carbon & Ceramic / Silicon with Carbon



PCJS Booster System

PCJS SERIES

2880 RPM, Single Phase - 220 - 240 Volts 50Hz, A.C. Supply. with 24 litres tank

2880 RPM, Single Phase - 220 - 240 volts 50HZ, A.C. Supply. with 24 litres tank														Approx. Recommendation			
Model	Power		Head (m)	Flow (m³/hr)								Suction Size (mm)	Delivery Size (mm)	BHK	No of Bath rooms	No of Taps	
	kW	HP		0	0.6	0.8	1.0	1.4	1.8	2.2	2.6						3.0
PCJS- 7S	0.37	0.5		39	35.4	33.8	32.5	29.7	26.8	24.4	20.3		25	25	1	1	3
PCJS-8S	0.75	1.0		42.7	38.3	37	35.9	33.1	30	27.2	22.7	16	25	25	2	2	6



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- 5 decades of engineering excellence • Sold in more than 120 countries
 - More than 9000 models of pumps and motors • Over 700 service centres across India
 - Fully equipped R&D wing recognized by Ministry of Science and Technology
 - ISO 9001 & 14001 accreditations
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*As the design and manufacture of pumps are subject to constant improvement, the product supplied may differ in some details from the information, descriptions, specifications and illustrations given.

