

NEXT GEN
PRODUCTS



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

Smart Pump for Smart People



Pressure Booster System | i-Smart Pump | Wastewater Pumps | Swimming Pool Pumps

NEXTGEN PRODUCT | PERFORMANCE CATALOGUE

Pressure Booster System - BRISK / MHBS / TINY FORCE

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.

The system consists of pump, non-return valve, pressure switch, pressure gauge, Y-Strainer, float switch 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 pump ON & OFF operation based on water consumption.
- In-built thermal overload protector.
- Lesser running cost than the conventional systems.
- Factory tested system and supplied as a package.

Specifications

	BRISK	MHBS	TINY FORCE
Power ranges upto	1 HP	1.5 HP	1.0 HP
Flow upto	3.8 m ³ /hr	8 m ³ /hr	3.1 m ³ /hr
Maximum pressure upto	5 bar	5.5 bar	3.5 bar
Liquid temperature	90°C*	90°C	33°C

* Applicable only for Special Mechanical Seal



Automatic Pump Controller - APC CPH - 15

Automatic Pump controller unit uniquely designed to manage constant pressure and water flow throughout the system. It STARTS the pump automatically when tap is opened and STOP the pump automatically when tap is closed. so it makes the entire system effective and efficient.

To protect pump from back flow of water in build check valve is used and for dry run protection, Sensor based integrated electronics unit is used.



Applications

- House Watering Systems • Car Washing • Gardens • Fountains.

Salient Features

- Maintain even water pressure at all outlets.
- Automatic ON & OFF operation of the pump.
- Specially designed for space constraint area.
- Dry run protection.

Specifications

Version	1Ph, 220 - 240V, A.C. Supply, 50Hz
Maximum Current	10 A
Maximum Working Pressure	10 Bar
Cut In Pressure	1.5 Bar
Cut Off Pressure	4 Bar
Degree of Protection	IP65
Max Working Temperature	33° C



i-SMART - Self Priming Monoblock Pumps with Mobile App

CRI's new i-smart pumps are enabled with Wi-Fi connect provision for pump operation & protection. Through Wi-Fi connect, pump can be operated, and real time updates can be monitored.

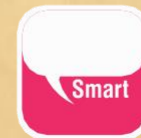
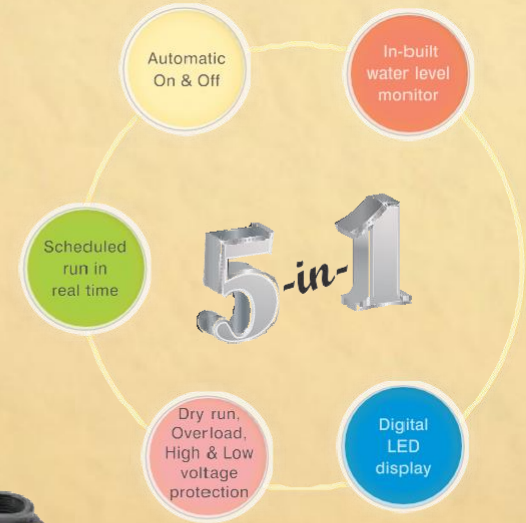
i-Smart Mobile Application featured with Pump ON/OFF, Timer setting, pump protection from Dry run, Low Voltage and High voltage faults and it is entitled with Float switch which automatically runs the pump based on water utilisation and it will indicate once water is filled in the overhead tank.

Applications

- Household water applications • Small Garden • Civil application
- Pressure boosting system.

Specifications

Power Range	0.37kW (0.5HP) & 0.75kW (1HP)
Maximum Head	30 Metre
Maximum Flow	3050 LPH
Version	Single Phase 220 V, AC Supply
Pipe Size (S x D)	25 x 25 mm



C.R.I. i-Smart Mobile App

2880 RPM, Single Phase - 220 Volts, 50 Hz, A.C. Supply

Stainless Steel Centrifugal Monoblock Pumpset - CTSS / JTS Series

C.R.I. S.S. Centrifugal Monoblock / Self-Priming Jet pumps are carefully designed to give best hydraulic efficiency and suction lift characteristics. Most modern and highly sophisticated machinery and technology are employed in the manufacture of these pumps, using quality raw material, seals and ball bearings to ensure long life. Dynamically balanced rotor ensures vibration free and noise free operation. All single phase pumps are in-built with thermal overload protector to prevent overload. High operating efficiency of these pumps result in low power consumption.

Applications

- Domestic • Gardening • Car washing • Drinking water supply
- Food Processing • Industrial Water System • Shallow wells.

Salient Features

- In-built thermal overload protector
- Hygienic pumping system
- Backpull-out design for easy servicing and repair

Specifications

	CTSS	JTS
Power range	0.37 kW - 1.8 kW (0.5 HP - 2.5 HP)	0.37 kW - 1.1 kW (0.5 HP - 1.5 HP)
Maximum head	31 metre	45 metre
Maximum flow rate	12 m ³ /hr	3.75 m ³ /hr
Versions	1Ph - 220V / 3Ph - 380-415V, 50Hz, AC	1Ph - 220V / 3Ph - 380-415V, 50Hz, AC
Maximum suction lift	8 m	8 m



CTSS



JTS

Wastewater Submersible Pumps - MS, MP, DL, SL, SLC, CDL & DM Series

C.R.I. has introduced highly efficient and reliable sewage & drainage pumps in a comprehensive range. These pumps are available with different materials of construction and feature a multitude of applications in waste water handling and treatment.

All C.R.I. sewage & drainage pumps are perfectly powered by motor designed to deliver optimal performance and to withstand environmental power fluctuation.

Applications

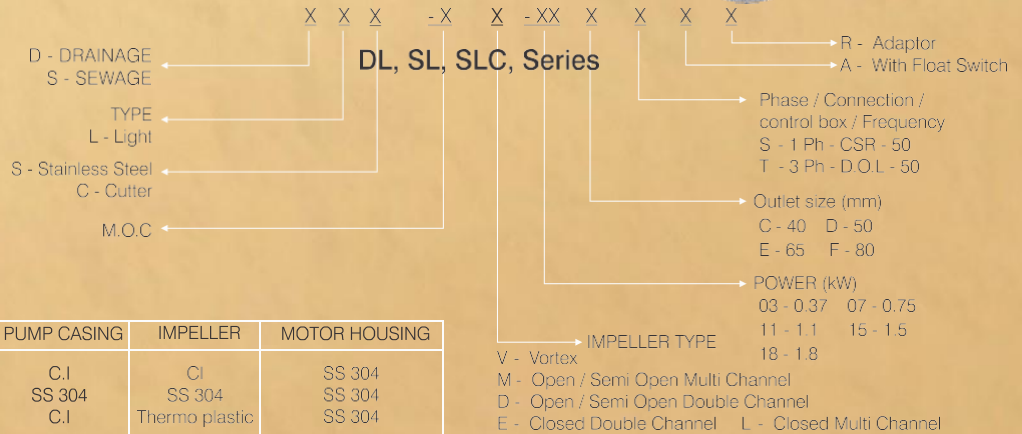
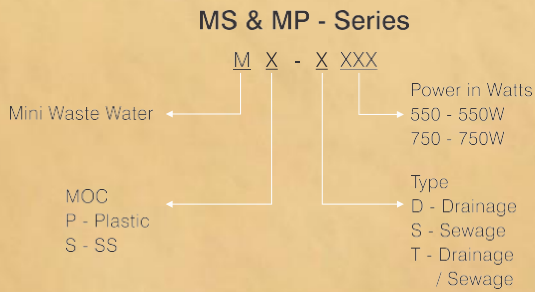
- Draining sewage water from hotels, houses, commercial buildings, complexes etc.,
- Pumping waste water in industries • Pumping municipal sewage water • Septic tanks.

Salient Features

- Non clogging impellers ensures free flow of solids
- Cutter design yields fine solids for non clogging
- Corrosion resistant Stainless Steel 304 Grade Pump portion ensures longer life
- Plastic & SS body with Heavy Construction and Shock Proof
- Motor is designed with Self Cooling Effect
- Epoxy Potted water proof cables
- Prevention from dry run
- Efficient pumps with more energy savings
- Automatic ON/OFF operation ,enabled by adjustable float switch



Model Identification Code



X	PUMP CASING	IMPELLER	MOTOR HOUSING
2	C.I	CI	SS 304
5	SS 304	SS 304	SS 304
8	C.I	Thermo plastic	SS 304



Specifications

	MS & MP Series	DL - Series	SL - Series	SLC - Series	CDL - Series	DM - Series	
Power Range	0.5-0.75kW (0.75-1HP)	0.5-1.5kW (0.75-2HP)	0.5-2.2kW (0.75-3HP)	0.4-1.8kW (1.5&2.4HP)	0.4&0.75kW (0.55&1HP)	2.2-5.5kW (3-7.5HP)	
Speed	Single Phase 230V; Three Phase 380 - 415V; 50Hz A.C. Supply						
Version	IP 68						
Degree of Protection	E / B / H						
Insulation Class	Dry - type						
Motor Type	5m						
Max. Immersion Depth	Mechanical Seal						
Sealing							
Impeller Type	Closed Multi Channel	Closed Multi Channel Semi Open Double Channel	Vortex	Vortex Semi Open Double Channel	Vortex	Vortex	
Max. Ambient Temp.	32 & 40mm	32 & 50mm	40°C		50 & 80mm	50 & 80mm	80 & 100mm
Delivery Size (mm)	Up to 25mm	-	40, 50 & 65mm	-	6mm	Up to 12mm	
Solid handling capacity	8.2 metre	20 metre	18 metre	12 metre	18 metre	21 metre	
Max. Head	10 m ³ /hr	25.2 m ³ /hr	43.2 m ³ /hr	20 m ³ /hr	18 m ³ /hr	80 m ³ /hr	
Max. Flow							

Impeller Type

					
Vortex	Semi open single channel	Semi open double channel	Semi open multi channel	Closed double channel	Closed multi channel

Selfpriming Non-Clog Monoblock Pumps - SMB Series

C.R.I. "SMB Series" Self-priming non-Clog Monoblock Pump's are especially designed to dewater the sewage and sludges from trenches and pits. It is designed with non-clogging semi open type impellers which is supports for handling suspended solids. These pumps are powered by a totally enclosed fan cooled A.C. induction motor. Motor stator is made of low watt loss silicon steel laminations assembled under pressure and rigidly locked in the frame. Construction of motor frames and usage of quality materials result in high performance and low temperature rise thereby increasing the life cycle of the motor.

Applications :

- Pumping from Septic tanks in all types of Industries.
- Draining sewage / Rain water from hotels, malls & commercial buildings.
- Water recycling plants.
- Pumping waste water in Tunnels & Mines.

Salient Features :

- Non clogging impellers ensures free flow of solids.
- Solid Handling capacity upto 15.5mm.
- Quick automatic Self-priming function-no need for footvalve.
- Back-pull out type for easy maintenance.
- Efficient pumps with more energy savings.

Specifications :

Power range	0.75kW - 3.7kW (1HP - 5HP)
Maximum head	24 meter
Maximum flow rate	1050 lpm
Type of Duty	S1 (Continuous)
Versions	1Ph 200-240V / 3Ph 380-415V, 50Hz, A.C. Supply
Sealing	SMB 140 Mechanical seal arrangement, SMB 240,350 & 580 Stuffing box arrangement



SMB Series

Circulatory Pumps

C.R.I. Circulatory pumps are used to circulate Hot/cold water with adequate pressure in the pipe line. It is featured with Auto and Manual functions. In Auto Mode, pump will be operated based on water consumption. Whenever the taps are opened, pump will START and delivers the high-pressure water. when Taps are closed, pump will STOP automatically. In Manual mode, pump need to be operated manually.

Circulatory pumps are provided with 1.5 Metre lead out cable with plug. So it would be easy for installation

Applications

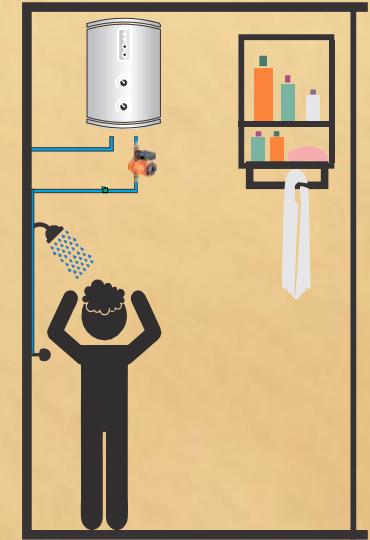
- Washing Machines, Heater & Shower.
- Boostup house watering system.
- Domestic heating systems.
- Air conditioning.
- Cooling system.

Salient Features

- Designed with Auto and Manual function.
- Silent operation.
- Corrosion free parts for hygiene.
- Easy for installation & service.

Specifications

Liquid temp. range	-5°C to +110°C
Max. Operating Pressure	10bar
Voltage	Single phase 230V
Frequency	50 Hz
Degree of protection	IP 44
Insulation Class	F
Mounting position	Horizontal
Max. Head	12 mtrs
Max. Discharge	3.1 m ³ /hr



2800 RPM, Single Phase - 230 Volts, 50 Hz, A.C. Supply

Swimming Pool Pumps - VISTA & NOVA Series

C.R.I. Swimming Pool pumps are designed with inbuilt pre filter basket for cleaning the pool water. The mechanical seals are made of graphite and alumina with close tolerance for perfect sealing systems and the dynamically balanced rotary parts ensure vibration and noise free operation. All the parts of both pumps and motors are made of high quality materials to enhance the life span and efficiency. All single phase pumps are equipped with thermal overload protector to protect the motor from adverse operating conditions.

Applications

- Used for swimming pool water filtration and recycling.

Specifications

Type	Asynchronous
Degree of protection	IP55
Pole	2 pole
Insulation Class	Class F
Type of Duty	S1 (Continuous)
Max. Head range	21 mtr
Max. Flow range	36 m ³ /hr



VISTA



NOVA

Total Water Solution Under One Roof



Sales – 9820735686

Service – 8879524555

Bore Well - 9167985686

Rain Water Harvesting - 8879223222



SHUBHA JAL
Water solutions LLP



C.R.I. PUMPS

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