

NEXT GEN

PRODUCTS

SMART PUMP FOR SMART PEOPLE



- » Automatic ON / OFF operations
- » Even pressure at all water outlets



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



- » Intelligent pump control adopted with VFD technology
- » Dry run protection

NEXTGEN PRODUCTS

PERFORMANCE CATALOGUE



VISION, MISSION AND VALUES

To be the industry leader providing best-in-class fluid management solutions to individual and institutional customers and societies in our chosen markets.

We will achieve this through our dedicated efforts to enhance the welfare of all our stakeholders and by living by our values of

Commitment, **R**eliability and **I**nnovation.



ABOUT C.R.I.

C.R.I. ranks high among the world's fastest-growing fluid management solutions provider with a wide global presence. C.R.I. offers Pumps, Motors, IoT Driven Pumps, IoT Drives & Controllers, Pipes, Wires & Cables, Solar Pumps and Controllers to meet the pumping needs of its wide customer base.

NEXT GEN PRODUCTS

C.R.I. offers a wide range of Next Gen products for Special Applications includes Intelligence Smart Mini pumps i-Smart with 5 in 1 Features, Sewage and Drainage Pumps for waste water applications, iPrez Smart Pressure Booster for even water pressure at home, High pressure washer pump used for vehicle and household cleaning, solar panel cleaning Stainless Steel Monoblock pumps are used for Hygiene Water Supply, Circulatory pumps are used to circulate hot / cold water with adequate pressure, Swimming pool pumps are used for water filtration and recycling purposes. These pumps are combo package for customised needs and it is precisely designed for hassle free performance.



60+
Years of
**Engineering
Expertise**



120+
Countries have
our strong
global presence



21+
Manufacturing Units
around the World



30000+
Outlets to serve our
Customers



10000+
Products for various
applications



1500+
Service Centres to
support our Customers



22 Times
EEPC Award Winner for
Export Excellence



8 Times
NEC Award Winner
for **Energy Savings**



**Fludyn Advanced
Technology Centre.**
Recognized by Ministry of
Science & Technology,
Govt. of India.

- Pressure Booster System - BRISK, MHBS, TINY FORCE
- Intelligent Permanent Magnet Pressure Booster System - i-PREZ
- High Pressure Washer Pump - Prezjet 60 / 140
- Automatic Pump Controller
- Circulatory Pumps
- Stainless Steel Self Priming Monoblock Pumpset - STEELIX MINI
- Swimming Pool Pumps - VISTA & NOVA
- Float Switch
- i-SMART - Self Priming Monoblock Pumps



PRESSURE BOOSTER SYSTEM

BRISK / **MHBS** / **TINY FORCE**



Pressure
is **PLEASURE**



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 • Commercial Buildings • Hotels • Hospitals • Cottages • Bungalows
- Farm Houses • Industries • Lawns • Gardens • Irrigations • Small Farms • High Pressure Washing.

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 range up to	1.5 HP	1.5 HP	1.0 HP
Flow up to	3.8 m ³ /hr	8 m ³ /hr	3.1 m ³ /hr
Maximum pressure up to	6 bar	5.5 bar	3.5 bar
Liquid temperature	33°C	90°C	33°C



PERFORMANCE CHART

2880 RPM, Single Phase - 220 - 240 Volts 50Hz, A.C. Supply.

Model	Power		Head in Metre	Flow (m³/hr)									Suction Size (mm)	Delivery Size (mm)	Approx. Recommendation			Factory Setting			
	kW	HP		0	0.8	1.5	2	2.4	2.8	3.2	3.5	3.7			3.8	BHK	No of Bath rooms	No of Taps	Cut-In Bar	Cut-Off / Range in bar	Differentia
BRISK-2E/03	0.37	0.5		30	27	23	21	18	15	11				25	25	1	1	3	1.5	2.5	1.0
BRISK-2E/04	0.55	0.75		40	37	33	29	25	20	16	13	9		25	25	1	2	6	2.0	3.5	1.5
BRISK-2E/05*	0.75	1		50	46	42	37	33	28	23	19	14	9	25	25	2	3	9	3.0	4.5	1.5
BRISK-2E/06*	1.1	1.5		62	58	51	46	41	34	27	21	15	10	25	25	3	4	12	4.0	5.5	1.5

BRISK-2E/03 & BRISK-2E/05 models are available with Float Switch.

Model	Power		Head in Metre	Flow (m³/hr)						Suction Size (mm)	Delivery Size (mm)	Approx. Recommendation			Factory Setting			
	kW	HP		0	1.0	1.5	2.0	2.5	3.0			3.5	BHK	No of Bath rooms	No of Taps	Cut-In Bar	Cut-Off / Range in bar	Differentia
MHBS-2E/03	0.30	0.40		27	24	23	21	18.5	16	12.5	25	25	1	1	3	1	2	1
MHBS-2E/04	0.37	0.50		37	33	32	29	26	22	17.5	25	25	1	2	6	1	3	2
MHBS-2E/05	0.45	0.60		47	43	40	37	33	27.5	21.5	25	25	2	3	9	2	4	2
MHBS-2E/06	0.55	0.75		55	50	47.5	43.5	38.5	32.5	26.5	25	25	3	4	12	1	5	4

Model	Power		Head in Metre	Flow (m³/hr)								Suction Size (mm)	Delivery Size (mm)	Approx. Recommendation			Factory Setting		
	kW	HP		0	2	3	4	5	6	7	8			BHK	No of Bath rooms	No of Taps	Cut-In Bar	Cut-Off / Range in bar	Differential
MHBS-5/04	0.55	0.75		35	31	28.5	26	23	18	16	12	25	25	3	4	12	1	3	2
MHBS-5/05 *	0.75	1.0		45	40	38	34	31	24	22	15	25	25	3	4 - 5	15	2	4	2
MHBS-5/06 *	1.1	1.5		54	49.5	47	43	38	30	22	20	25	25	4	5 - 6	18	2	5	3

BRISK & MHBS models come with **24-ltr tank**.

* Marked models come with **24-ltr & 35 ltr tank**.

PERFORMANCE CHART

2880 RPM, Single Phase - 220 - 240 Volts 50Hz, A.C. Supply. with 2 litres tank

Model	Power		Head in Metre	Flow (m³/hr)													Suction Size (mm)	Delivery Size (mm)	Approx. Recommendation			Factory Setting			
	kW	HP		0.4	0.7	0.8	0.9	1.1	1.3	1.4	1.5	1.6	1.7	1.9	2.0	2.1			2.2	BHK	No of Bath rooms	No of Taps	Cut-In Bar	Cut-Off / Range in bar	Differential
TINY FORCE 50	0.37	0.5			25		21	18	15		12		10	8		6		25	25	1	1	3	1.5	2.5	1.0
TINY FORCE 51	0.37	0.5		30		25		21		18		15		12	10	8	6	25	25	1	1	3	1.5	2.5	1.0

Model	Power		Head in Metre	Flow (m ³ /hr)										Suction Size (mm)	Delivery Size (mm)	Approx. Recommendation			Factory Setting		
	kW	HP		0.9	1.3	1.6	1.9	2.2	2.3	2.5	2.7	2.9	3.1			BHK	No of Bath rooms	No of Taps	Cut-In Bar	Cut-Off / Range in bar	Differential
TINY FORCE 100	0.75	1.0		35	30	25	21	18	15	12	10	8	6	25	25	1	1	4	2.0	3.5	1.5

MATERIAL OF CONSTRUCTION - BRISK / MHBS

Part Name	Material
Pump Shell	SS 304
Impeller	Noryl / SS 304
Diffuser	Noryl / SS 304
Pump Casing	Cast Iron
Mechanic Seal	Silicon / EPDM

MATERIAL OF CONSTRUCTION - TINY FORCE

Part Name	Material
Impeller	Brass
Pump Casing	Cast Iron
Mechanic Seal	Silicon Carbide (SiC)



INTELLIGENT PRESSURE BOOSTER SYSTEM

iPrez



C.R.I. i-Prez Series are basically domestic pressure boosting system with built-in Variable speed for constant pressure in pipe line. The pressure transducer in this system monitors pressure at any time. i-Prez also protects the system from dry run, over loading, unbalanced voltages and short circuit. The system comprises of Horizontal Multistage Pump, VFD, 5 Way connector with built in NRV, pressure tank, Pressure gauge & pressure transducer.

Applications

- Residential Buildings • Solar Panel Washing • Bungalows • Farm Houses • SPA Centre
- Commercial Buildings • Hotels • Hospitals • Cottages • Multi Jet Shower panel.

Salient Features

- Plug & play design • Soft start increases smooth functioning and better life to the pumpset • Protects the pumpset from high / low voltage, dry run, overload, underload
- Wide LCD Display for Easy Operation • Fully Stainless steel 5 way connector with Built in NRV • Pressure Transducer 9 Bar Capacity • Fully Stainless Steel Wet Parts for Hygiene and Durability.

Specifications

Power range	0.75 kW - 2.2 kW (1 HP - 3 HP)
Input voltage	1 Ph - 220 V
Frequency	50 Hz
VFD output	3 Ph - 220 V
Head range	up to 68 Mtr
Flow range	up to 11m ³ /hr
Liquid temperature	up to 70°C
Ambient temperature	up to 40°C
Pressure transmitter	24 V, 4-20 mA
Pressure setting range	up to 9 Bar

PERFORMANCE CHART

2880 RPM, Single Phase - 220 - 240 Volts 50Hz, A.C. Supply.

Model	kW	HP	RPM	m ³ /hr	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	Suction Size (mm)	Delivery Size (mm)	Approx. Recommendation		
				lps	0	0.14	0.28	0.42	0.56	0.69	0.83	0.97	1.11	1.25			BHK	No of Bath rooms	No of Taps
i-Prez 07 / 6	0.75	1	2900	Head in Metre	55.5	53	49.5	46.5	43	39.5	35.5	31	25	17	25	25	2	2	6
			2620		45	42.5	39.5	37	33.5	30.5	26.5	21.5	14.5		25	25			
			2320		35.5	33	30.5	28	25.5	22	18	12.5			25	25			
			1740		20	18	16	14	11.5	8					25	25			

Model	kW	HP	RPM	m ³ /hr	0	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	Suction Size (mm)	Delivery Size (mm)	Approx. Recommendation		
				lps	0	0.28	0.42	0.56	0.69	0.83	0.97	1.11	1.25	1.39	1.53	1.67			BHK	No of Bath rooms	No of Taps
i-Prez 10 / 3	1	1.34	2900	Head in Metre	41	39.7	39.5	39	38.5	38	37	36	34	32	29	25	32	25	2	3	9
			2620		33.5	33.0	32.0	31.5	31.0	30.5	29.5	28.0	26.5	23.5	20.0	16.0	32	25			
			2320		26.2	25.2	25	24.5	24	23.5	22.5	20.5	18	14.5	11.5		32	25			
			1740		14.8	14	13.8	13.4	12.5	11.5	9.5	7					32	25			

Model	kW	HP	RPM	m ³ /hr	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	Suction Size (mm)	Delivery Size (mm)	Approx. Recommendation		
				lps	0	0.14	0.28	0.42	0.56	0.69	0.83	0.97	1.11	1.25	1.39	1.53	1.67	1.81	1.94	2.08			BHK	No of Bath rooms	No of Taps
i-Prez 11 / 6	1.1	1.5	2900	Head in Metre	54.5	52.5	51	49	47.5	45.5	44	42	40	37.5	35	32	28.5	24	18	9.5	32	25	3	3-4	9-12
			2620		44	42.5	41	39.5	38	36.5	35	33	31	28	24.95	20.5	15.5	10			32	25			
			2320		35	33.5	32.5	31	29.5	28	26.5	24.5	22	19	16	12					32	25			
			1740		19.5	18.5	17.5	16	15.5	14.5	13	12	10	6.5							32	25			

Model	kW	HP	RPM	m ³ /hr	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	Suction Size (mm)	Delivery Size (mm)	Approx. Recommendation		
				lps	0	0.14	0.28	0.42	0.56	0.69	0.83	0.97	1.11	1.25	1.39	1.53	1.67	1.81	1.94	2.08			BHK	No of Bath rooms	No of Taps
i-Prez 15 / 4	1.5	2	2900	Head in Metre	52.5	51.5	50	49	47.5	46	44.5	43	41	38.5	35.5	32.5	28.65	24	18	12	40	40	3	3-4	9-12
			2620		42.5	41.5	40.5	39	38	36.5	35	33.5	31.5	29	26	22	18	12.5			40	40			
			2320		34.5	33	32	30.5	29.5	28	26.5	24.5	22.5	20	16.5	12					40	40			
			1740		18.5	18	17	16.5	15.5	14.5	13	10.5	7.5								40	40			

i-Prez 07/6, 10/3, 11/6 models come with 2-ltr tank | i-Prez 15/4, models come with 4-ltr tank



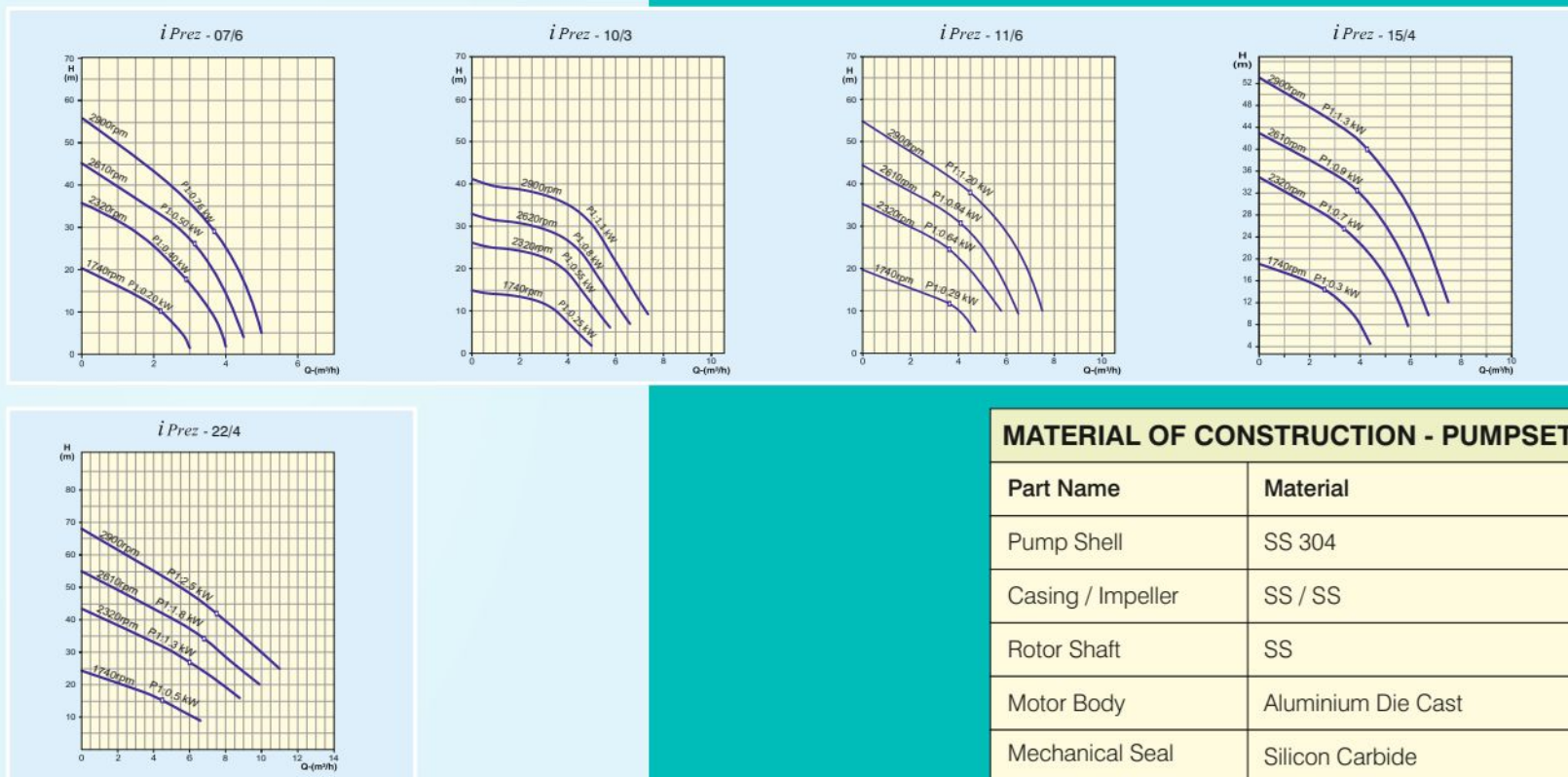
Pumping trust... Worldwide.

PERFORMANCE CHART

2880 RPM, Single Phase - 220 - 240 Volts 50Hz, A.C. Supply.

Model	kW	HP	RPM																									Suction Size (mm)	Delivery Size (mm)	Approx. Recommendation		
				m ³ /hr	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	BHK			No of Bath rooms	No of Taps	
				lps	0	0.14	0.28	0.42	0.56	0.69	0.83	0.97	1.11	1.25	1.39	1.53	1.67	1.81	1.94	2.08	2.22	2.36	2.50	2.64	2.78	2.92						
i-Prez 22 / 4	2.2	3	2900	Head in Metre	68	66	64.5	63	61	60	58	56.5	55	53.5	52	50	48	46	44	42	39.5	37	34.5	32	30	27.5	40	40	4	4	12-16	
			2620		55	53.5	52	50.5	49	47.5	46.5	45	43.5	42	40	38.5	37	35	33	30.5	28.5	26	24	22		40	40					
			2320		43.5	42	40.5	39.5	38	37	35.5	34.5	33	31.5	30	28.5	27	25	23	21	19	17				40	40					
			1740		24.5	23.5	22.5	21.5	20.5	19.5	18.5	17.5	16.5	15	13.5	12	10.5	9								40	40					

PERFORMANCE CURVE



i-Prez 22/4 model come with 4-ltr tank

MATERIAL OF CONSTRUCTION - PUMPSET

Part Name	Material
Pump Shell	SS 304
Casing / Impeller	SS / SS
Rotor Shaft	SS
Motor Body	Aluminium Die Cast
Mechanical Seal	Silicon Carbide

i-Prez



INTELLIGENT PERMANENT MAGNET PRESSURE BOOSTER SYSTEM

iPrez



i-Prez 07/4



i-Prez 05/4 & 11/4



Pressure
is **PLEASURE**



i-Prez 06/4

Boost your home's water pressure with the C.R.I. i-Prez Series. Its intelligent VFD technology ensures consistent pressure, while an LED display and touchpad offer intuitive control. A dedicated pressure transducer constantly monitors water lines, and the system provides vital protection against dry runs, overloads, unbalanced voltages and short circuits. The system features a user-friendly control panel with simple buttons for setting desired water pressure.

Applications

• Villas • Residential Buildings • SPA Centres • School Campus • Cottages.

Salient Features

- **Intelligent Pump Control** : Adopted with VFD technology which maintains constant pressure in all outlets.
- **Permanent Magnet Motor (IE5) design** : Automatically adjust the required power. Saves energy as compared to regular motor.
- **Dry Run Protection** : Inbuilt sensor, sense the water pressure and protects the pump from dry condition.
- **Super Low Noise** : Very silent in pump operation (49 dB).
- **User Friendly Settings** : Customized pressure settings and easier to install. No jam and easy maintenance.

Specifications

Power range	0.65 kW to 1.1 kW (0.87 HP to 1.5HP)
Head range	up to 57 Mtrs
Discharge range	up to 5000 LPH
Outlet size in mm	25x25
Version	Single phase, 220V, 50Hz, AC supply
Degree of protection	IP 54
Liquid temperature	up to 80°C* (SS impeller models)
Maximum pressure	up to 5.7 Bar



Pumping trust... Worldwide.

PERFORMANCE CHART

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

STAINLESS STEEL IMPELLER AND CASING

Model	kW	HP	RPM	Suction x Delivery	m ³ /hr	0	1	1.5	2	2.5	3	3.5	4	4.5	5
I-PREZ 06/4	0.65	0.87	5000	25 X 25	Head in Metre	46.7	42.5	40.5	39	34	29	26	21.5	12.5	
I-PREZ 07/4	0.75	1	4800	25 X 25		45	42.5	41	39	36.5	33	28.5	23	16.5	9.5

PPO IMPELLER AND DIFFUSER

Model	kW	HP	RPM	Suction x Delivery	m ³ /hr	0	1	1.5	2	2.5	3	3.5	4	4.5
I-PREZ 05/4	0.50	0.75	5200	25 X 25	Head in Metre	46	43.5	41.5	39	35.5	31.5	27	16	
I-PREZ 11/4	1.1	1.5	3300	25 X 25		57	52	48.5	45	41.5	38	34.5	31	27

MATERIAL OF CONSTRUCTION

	IPREZ-06/04	IPREZ-07/04	IPREZ-05/04	IPREZ-11/04
Part Name	Material	Material	Material	Material
Pump Enclosure	Engineering Polymer	Engineering Polymer	Engineering Polymer	Engineering Polymer
Pump shell	SS	SS	SS	SS
Impeller / Diffuser	SS	SS	PPO	PPO
Pump shaft	SS304	SS 304	SS 304	SS 304
Mechanical Seal	Silicon Carbide	Silicon Carbide	Silicon Carbide	Silicon Carbide

INTELLIGENT PERMANENT MAGNET PRESSURE BOOSTER SYSTEM

iPrez



i-Prez 05/4

Pressure
is **PLEASURE**



i-Prez 08/4

CRI I prez series offers efficient, quiet, and rust-proof water boosting for various applications, including main pipe pressurization, water tank and tower systems, and scenarios requiring suction lift from wells or pools. Its variable frequency constant pressure technology makes it perfect for enhancing water supply in homes, villas, and apartments.

Applications

- Residential buildings • Home stays • Villas • Catering clubs • Small communities
- Schools

Salient Features

- Space-Saving Design • Intelligent pump control system enables by VFD technology
- Compact and integrated design • Permanent Magnet Motor design which automatically adjust the required power • User friendly operation and easy installation.

Specifications

Power range	0.5 kW to 0.8 kW (0.67 HP to 1.0HP)
Head range	up to 50 Mtrs
Discharge range	up to 5000 LPH
Outlet size in mm	25x25
Version	Single phase, 220V, 50Hz, AC supply
Degree of protection	IP X4
Liquid temperature	iPrez 05/04-60°C, iPrez 08/04-90°C
Maximum pressure	up to 5 Bar

Model	kW	HP	RPM	Suction x Delivery	m ³ /hr	0	1	1.5	2	2.5	3	3.5	4	4.5	5
I-PREZ 05/4	0.5	0.67	6200	25 X 25	Head in Metre	40	35	35	30	25	20	13	7	2.5	
I-PREZ 08/4	0.8	1	5400	25 X 25		50	46	44	41	36	30	24	16	9	2

MATERIAL OF CONSTRUCTION

Model	I-PREZ 05/4	I-PREZ 08/4
Pump Enclosure	Plastic	Plastic
Pump shell	Plastic	Stainless steel
Impeller	Ceramics	Stainless steel
Pump shaft	Ceramics	Stainless steel



HIGH PRESSURE WASHER PUMP

PREZJET - 60 / PREZJET - 140



C.R.I. High-Pressure Washer Pump is a compact, durable, and efficient cleaning solution designed for both personal and professional use. It delivers powerful, consistent water pressure for effective removal of dirt, grime, and mud from vehicles, machinery, and outdoor surfaces. Built with corrosion-resistant materials and an energy-efficient motor, it ensures long-term reliability with minimal power consumption. Its lightweight, portable design with ergonomic handling makes it easy to transport and operate, while quick-connect fittings and intuitive controls provide a seamless user experience.

Applications

- Remove heavy dirt from all types of vehicles • Clean outdoor furniture • Remove dirt from driveways • Clean sunshades • Clean the garage • Remove dirt from air conditioners • Gardening • Clean solar panels • Clean roof and wall tiles.

Salient Features

Prezjet 60 : 3-in-1 adjustable nozzle • Induction motor design with lower noise • In-Built thermal overload protector • Unique horizontal and portable design • Compact and powerful.

Prezjet 140 : 3-in-1 adjustable nozzle • BLDC motor design • Ergonomic handle design • In-Built thermal overload protector • Easy to set up.

Specifications	PREZJET - 60	PREZJET - 140
Power	750W (1HP)	1500W (2HP)
Max. pressure	60 Bar	140 Bar
Rated pressure	-	95 Bar
Flow rate	300 LPH	300 LPH
Max. water inlet pressure	-	50°C



Foam Cannon



Double Priming Filter



Multifunctional Adapter



Push In Connector



Inlet Hose



Outlet Hose



Extension Gun Rod



Spray Gun

AUTOMATIC PUMP CONTROLLER



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



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 system.
- Air conditioning & cooling system.

Salient Features

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

Specifications

Liquid temp. range	-5°C to +110°C
Voltage Single phase	Single phase 230V
Frequency	50 Hz
Degree of protection	IP 44
Insulation Class	F
Mounting position	Horizontal
Max. Head	21 mtrs
Max. Discharge	5.5 m³/hr

PERFORMANCE CHART

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

Pump Model	Power (W)	Max. Head (Mtr)	Max. Flow (m³/hr)	Inlet and Outlet in MM
RS12/9G	120 W	9	1.5	15
RS12/10G	150 W	10	1.8	15
RS20/12Z	275 W	12	3.1	25
RS12/11G IN	200 W	12	3.5	20
RS17/13Z IN	400 W	17	4.5	25
RS20/14Z IN	600 W	21	5.5	25

"IN" denoted models are Rewindable Motor design.

STAINLESS STEEL SELF PRIMING MONOBLOCK PUMPSET

STEELIX
MINI



CRI Mini Stainless Steel Self priming Pumps are designed with fully SS casted pump components which provides longer life and maintains hygiene of fluid's. 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.

Applications

- Salt water
- Domestic water supply
- Civil Applications
- Demineralisation plant

Salient Features

- Corrosive resistant pump parts to ensure longer life
- Optimized hydraulic design for efficient performance
- Smooth surface finish results in friction free flow of fluid
- Best suitable for saline water.

Specifications

Power range	0.5HP (0.37 kW) and 1HP (0.75 kW)
Maximum head	6 to 30 metre
Maximum flow rate	700 LPH to 3000 LPH
Versions	Single Phase 220V, 50Hz, AC supply
Delivery Size	25 x 25 mm

MATERIAL OF CONSTRUCTION

Part Name	Material
Motor Body	Aluminium Extruded
Rotor	Aluminium Die Cast
Pump Casing	SS
Impeller	High Tensile Brass
Mechanical Seal	Carbon vs Ceramic

Model	kW	HP	Type	Suction x Delivery in mm	Total Head in Mtr / Feet								
					6	8	10	12	15	18	21	25	30
					20	26	33	39	49	59	69	82	98
					Discharge in LPH								
STEELIX MINI 50	0.37	0.5	Self Priming	25x25	1900	1800	1600	1500	1300	1105	1020	700	
STEELIX MINI 100	0.75	1	Self Priming	25x25	3000	2840	2700	2600	2400	2200	2000	1760	1300



SWIMMING POOL PUMPS

VISTA & NOVA



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

- Pool Water filtration and recycling

Salient Features

- Pre-filter basket removes debris and prevents clogs
- Dynamic balancing minimizes vibration, reduces wear and tear
- Ensures consistent performance as concentricity maintained

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

PUMP MODEL		MOTOR POWER		Suction x Delivery in mm	DISCHARGE IN LPS / M³/Hr									
					0	0.83	1.67	2.5	3.33	4.17	5	6.67	8.33	10
1Ø	3Ø	kW	HP		0	3	6	9	12	15	18	24	30	36
					TOTAL HEAD IN METRES									
VISTA-9/03M	VISTA-9/03T	0.37	0.5	50 x 50	12.5	12.4	12.1	11.1	8.4	7.5	-	-	-	-
VISTA-10/05M	VISTA-10/05T	0.5	0.75	50 x 50	15.2	15.1	15.0	14.0	11.8	8.8	7.8	-	-	-
VISTA-11/07M	VISTA-11/07T	0.75	1.0	50 x 50	17.0	16.8	16.4	15.6	13.7	10.5	7.5	-	-	-
VISTA-18/11M	VISTA-18/11T	1.1	1.5	50 x 50	17.0	16.8	16.5	15.5	14.2	13.0	10.0	9.0	-	-
NOVA-18/11M	NOVA-18/11T	1.1	1.5	65 x 65	17.0	-	16.9	-	16.1	-	14.6	11.4	8.8	-
NOVA-18/15M	NOVA-18/15T	1.5	2.0	65 x 65	18.7	-	18.2	-	17.9	-	16.0	13.0	9.0	6.9
NOVA-22/22M	NOVA-22/22T	2.2	3.0	65 x 65	21.0	-	20.9	-	20.5	-	19.1	17.0	13.7	7.7

FLOAT SWITCH



C.R.I.'s Float Switches offer reliable and durable designs for accurate water level detection. They are used to switch electrical pumps on/off for set minimum and maximum water levels in overhead tanks / lower head tanks, protecting the pumps effectively during low water levels in sumps. Float switches detect water levels and operate pumps to prevent water from overflowing into pits.

Applications

- Water level control

Salient Features

- Ensures precise control and efficient operation
- Accurately detects and controls water levels in tanks, pumps and other applications
- Efficiently used to control pumps, serve as indicators, trigger alarms, or control other devices
- Features a flexible PVC cable
- Includes an adjustable counterweight

Specifications

Cable Length	2, 3, 5 & 10 Metres
Rated Voltage	AC 220V
Max Current	16 Amps
Frequency	50 Hz
Max. Using Temperature	60° C
IP Protection	IP 67



SELF PRIMING MONOBLOCK PUMPS WITH MOBILE APP



C.R.I. i-Smart
Mobile App

PERFORMANCE CHART

Model	kW	HP	Type	Suction x Delivery in mm	Suction Capacity in Mtrs	Total Head in Mtr / Feet								
						6	8	10	12	15	18	21	25	30
						20	26	33	39	49	59	69	82	98
						Discharge in LPH								
ISSP 50 / ISWSP 50	0.37	0.5	Self Priming	25x25	8	2088	2000	1800	1600	1400	1220	1000	760	
ISSP 100 / ISWSP 100	0.75	1	Self Priming	25x25	8	3050	2850	2650	2500	2350	2120	1900	1800	1400

ISWSP 50 and ISWSP 100 Models are available 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 utilization 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

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



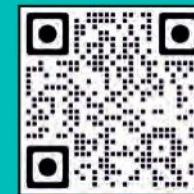


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