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2020

KIRLOSKAR BROTHERS LTD.



Enriching Lives



CPBS

Pressure Boosting System



KIRLOSKAR BROTHERS LIMITED

A Kirloskar Group Company

Established 1888

CPBS

Pressure Boosting System

TECHNICAL SPECIFICATION

Head Range	Upto 52 meters
Discharge Range	Upto 140 LPM
Power Rating	0.4 to 1.1 kW (0.6 to 1.5 HP)
Pressure Range	Upto 4.4 kg/cm ²
Voltage range	180 to 240 Volts (Single phase)
Insulation	B Class
Protection	IP 44
Tank Size	24 Litres

MATERIAL OF CONSTRUCTION

Impeller	: Stainless Steel
Diffuser	: Stainless Steel
Motor Body	: Aluminum Die Cast
Pump Shaft	: Steel
Pump Stage Casing	: Stainless Steel
Suction & Delivery Casing	: Cast Iron

APPLICATIONS

- Consistent Pressure at Multi Outlets
- Multi Jet Shower Panels
- Washing Machine, Hot Water Geyser, Gas Geyser
- Pressurised Washing of Vehicles
- Kitchenware Washing

FEATURES

Compact reliable and silent

Dynamically balanced rotating parts, superior quality bearings and SS fabricated impellers with compact design ensures reliable and silent operations

TOP - Thermal Overload Protector

The pumpset features a Thermal Overload protector that protects the motor from overloading, shielding the motor and associated circuit from the effects of fault current.

Diaphragm type pressure tank

Diaphragm type pressure tank made from high grade engineering material

Reliable & durable components

Reliable and durable peripheral parts such as Pressure Switch, Standardized Size of 5 Way Connector, and Italian make NRV and SS hose pipe.

Easy maintainable designs

Easy maintainable design and better interchangeability of components so that pump can be serviced even at remote locations by semi-skilled technicians.

PERFORMANCE CHART FOR 'CPBS' SERIES, PRESSURE BOOSTING SYSTEM, AT RATED VOLTAGE, 50 Hz FREQUENCY, SINGLE PHASE A.C. POWER SUPPLY

S. No.	Pump Model Horizontal/ Vertical Models	Power Rating		Pipe Size (mm)		Rated Current (Amps)	Rated Voltage (Volts)	Pressure Range (kg/cm ²)	No. of Outlets/Taps	No. of Stages	DISCHARGE IN LPM						
		kW	HP	SUC.	DEL.						20	40	60	80	100	120	140
		TOTAL HEAD IN METERS															
1	CPBS-52424H / V	0.4	0.6	25	25	5.5	220	1.4 - 2.4	5	2	25	21	17	6	-	-	-
2	CPBS-62824H / V	0.6	0.8	25	25	6.5	220	1.8 - 2.8	6	3	35	30	26	16	6	-	-
3	CPBS-73624H / V	0.75	1.0	25	25	7.5	220	2.2 - 3.6	7	4	41	37	33	29	24	18	6
4	CPBS-84424H / V	1.1	1.5	25	25	8.5	220	2.4 - 4.4	8	5	52	47	43	37	30	24	12

Note: Performance applicable to liquid of specific gravity 1 and viscosity as of water.

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Service Toll-Free No.

1800 103 4443



Enriching Lives



ETERNA SW/BW

SEWAGE DE-WATERING
SUBMERSIBLE PUMPS



SW



BW

ALWAYS BUY PUMPS WITH

and



LOGOS ON PACKAGING



Enriching Lives

ETERNA SW/BW

SEWAGE DE-WATERING SUBMERSIBLE PUMPS

TECHNICAL SPECIFICATION

Head Range	: Upto 12 metres
Discharge Range	: Upto 330 LPM
Power Ratings	: 0.75 to 1.8 kW (1 to 2.5 HP)
Voltage Range	: 180 to 240 Volts (Single Phase)
Protection	: Ip68
Insulation	: SW - F Class / BW - B Class
Cable Length	: 9.5 meters
pH Value	: 4 - 10
Max. Liquid density	: $1.2 \times 10^3 \text{ kg/m}^3$
Max. liquid temperature	: $+40^\circ\text{C}$

APPLICATIONS

- Removing stagnant water from basement / underground parkings / garages
- Draining accumulated storm water during monsoons
- Emptying water-tanks and pits for cleaning
- Waste water from kitchens, hotels, clubs
- Surplus water from sumps

MATERIAL OF CONSTRUCTION

	SW	BW
Impeller	: Noryl	Cast Iron
Delivery Casing	: Stainless Steel	Cast Iron
Motor Body	: Stainless Steel	Stainless Steel
Pump Shaft	: Stainless Steel	Stainless Steel
Cutter	: -	40 Cr Steel

FEATURES

Automatic On – Off Switch

Pre-fitted float switch ensure that the pump start and stop automatically as per need. This protects the pump from dry running and burning.

Ready To Use

No installation required, just drop it in the tank, and it is ready to use.

Corossion Free

Stainless steel body and other rust free parts prevent corrosion.

TOP - Thermal Overload Protector

The pumpset features a thermal overload protector that protects the motor from overloading, shielding the motor and associated circuit from the effects of fault current.

PERFORMANCE CHART FOR SW AND BW PUMPS AT RATED VOLTAGE, 50 Hz FREQUENCY, SINGLE-PHASE AC POWER SUPPLY

S. No.	Pump Model	Power Rating		Del. Size (mm)	Rated Voltage (Volts)	TOTAL HEAD IN METRES								Max. Solid Size (mm)	Min. Sub. From Bottom (mm)	
		kW	HP			3	4	5	6	7	8	9	10			12
						DISCHARGE IN LITERS PER MINUTE										
1	750SW	0.75	1.0	40	220	180	150	120	95	60	-	-	-	-	15	370
2	1000SW	0.93	1.25	40	220	-	-	200	180	150	120	90	50	-	15	390
3	1300BW	1.3	1.75	50	220	-	-	-	270	240	204	162	132	60	10	530
4	1800BW	1.8	2.5	65	220	-	-	-	330	300	240	180	120	-	10	630

Note: Performance applicable to liquid of specific gravity 1 and viscosity as of water.

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Toll Free Number: **1800 123 4443**

www.kirloskarpumps.com