



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

- Constant 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 OF 'CPBS' SERIES, PRESSURE BOOSTING SYSTEM, AT RATED VOLTAGE, 50 Hz, SINGLE PHASE A.C. POWER SUPPLY

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															
CPBS-52424H / V	0.4	0.6	25	25	5.5	220	1.4 - 2.4	5	2	25	21	17	6			
CPBS-62824H / V	0.6	0.8	25	25	6.5	220	1.8 - 2.8	6	3	35	30	26	16	6		
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
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.

JBM ENTERPRISE

Authorised Distributor of Kirloskar Pumps

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