



Enriching Lives



V-FLOW

0.5 - 1.0 HP,
HIGH PRESSURE
PUMPS



STRENGTHENED BY
99.9%
PURE EC GRADE
COPPER
WINDING WIRES

BUY ELECTRIC PUMPS WITH PURE COPPER WINDING WIRES ONLY. ENQUIRE BEFORE BUYING.

ALWAYS BUY PUMPS WITH



Enriching Lives

and



LOGOS ON PACKAGING

V-FLOW

0.5 - 1.0 HP, High Pressure Pumps

TECHNICAL SPECIFICATION

Head	: 6 to 50 metres
Capacity	: 2,560 to 140 LPH
Power Rating	: 0.37 kW / 0.5 HP to 0.75 kW / 1.0 HP
Voltage Range	: 180 to 240 Volts (Single Phase)

MATERIAL OF CONSTRUCTION

Impeller	: Brass
Pump Shaft	: Carbon Steel
Delivery Casing	: Cast Iron
Mounting casing	: Cast Iron
Motor Body	: Aluminum
Cover NDE	: Cast Iron
Mechanical Seal	: Carbon Ceramic

APPLICATIONS

- Water supply for domestic use in Bungalows, Apartments, Hotels, and Farmhouses
- Useful in home pressure booster systems, lawn sprinklers, overhead tanks and watering for gardens

FEATURES

Self-priming up to 7.5 metres

The pump is capable of self priming up to 7.5 metres (sucks water automatically), at rated head and discharge, doing away with the inconvenience of filling water to start the pump.

Works with wide input voltage (180 – 240V)

The pump has the capacity to work with wide input voltage range, enhancing performance while reducing damage to electrical parts.

Unique motor design

The motor includes a special capacitor to start and run the pump and a totally enclosed fan cools the motor, protecting it from over-heating and damaging electrical parts.

Class “B” insulation:

All electrical parts are shielded with Class “B” insulation, thereby protecting electrical components and its insulation from damage due to extreme temperatures with the use of super enameled copper winding wire in the motor.

Mechanical seal for higher quality and longer life

The pump is sealed by a mechanical process that enhances the quality and life of the seal thereby preventing electrical and water leakage during its operation.

Thermal overload protector

The pump motor features a Thermal Overload Protector that protects the motor from overloading and shields the motor and associated circuit from the effects of faulty current.

High-tensile, cast iron pump casing

The pump's casing is made of close-grained cast iron that provides high tensile strength and a very smooth finish – resulting in low friction and longer life.

Brass impellers

The V-Flow pumps feature impellers made of brass which has very high anti-corrosive properties and built to provide trouble-free service.

PERFORMANCE CHART FOR 'V-FLOW' SERIES, 2 POLE, MONOBLOC PUMPS, AT RATED VOLTAGE, 50 Hz FREQUENCY, SINGLE PHASE A.C. POWER SUPPLY

S. No.	Pump Model	Power Rating		Pipe Size (mm)		Rated Voltage (Volts)	TOTAL HEAD IN METRES											
		kW	HP	SUC.	DEL		6	10	14	18	22	26	30	34	38	42	46	50
							DISCHARGE IN LITRES PER HOUR											
1	V FLOW	0.37	0.5	25	25	240	-	2439	2250	2043	1773	1457	1134	729	-	-	-	-
2	V FLOW-1	0.75	1	25	25	240	2560	2520	2420	2260	2060	1840	1620	1380	1140	860	280	140

Note:

- Performance under standard test conditions and may vary on site conditions.
- Performance applicable to liquid of specific gravity 1 and viscosity as of water.

KIRLOSKAR BROTHERS LIMITED

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Toll Free Number: 1800 123 4443

www.kirloskarpumps.com

Registered Office & Global Headquarters: “Yamuna”, Survey No. 98/(3 to7), Plot No. 3, Baner, Pune - 411 045, Maharashtra, India

Email: marketing@kbl.co.in, Website: www.kirloskarpumps.com CIN No.: L29113PN1920PLC000670