



Enriching Lives

**Get
more water
in less time.
With high
pressure**



Kirloskar
V-FLOW

0.5 – 1.0 HP High Pressure Pumps

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When it comes to pumps for getting high discharge for domestic applications, there's only a few that can match the performance and reliability of Kirloskar V-Flow. That's because the V-Flow has been designed with a large impeller to provide greater discharge with a higher head.

The motor features a specially designed capacitor to start and run the pump, eliminating the need for a centrifugal switch. A thermal overload protector and class 'B' insulation shields the motor from electrical anomalies, giving you a pump with low maintenance and longer life.

The pump construction includes specially-sourced raw materials that offer high tensile strength and anti-corrosive properties, combined with superior design and quality that bears the excellence of Kirloskar Brothers Limited.



Self-priming up to 3 metres:

The pump is capable of priming up to 3 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.



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

Product Snapshot:

Range and 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)

Construction Materials

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

Performance Chart

PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps)	RATED VOLTAGE	TOTAL HEAD IN METERS											
	KW	HP	SUC.	DEL.			6	10	14	18	22	26	30	34	38	42	46	50
V FLOW	0.37	0.5	25	25	4.5	240		2439	2250	2043	1773	1457	1134	729				
V FLOW-1	0.75	1.0	25	25	7.6	240	2560	2520	2420	2260	2060	1840	1620	1380	1140	860	280	140

Note : Performance applicable in cases of liquid with specific gravity 1 and viscosity as of water.

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