V FLOW

Features

- Self-priming up to 3.0 meters at mean seal level.
- Motor can withstand with wide voltage fluctuation from 180- 240Volts
- Unique Motor design- capacitor Start & run, Eliminating centrifugal Switch.
- 'B' class of insulation.
- Specially processed steel shaft for corrosion resistance & durability.
- Fitted with high quality & long life mechanical seal.
- Fitted with Thermal Overload Protector (TOP) for safety of Motor.
- Both Side Shielded ball bearing, no need of external lubrication.
- Sturdy & rigid construction.
- Pump casing made of closed grains cast iron of high tensile strength and has a very smooth surface finish resulting in low friction losses.
- Brass impeller is used to give trouble free services

Material of Construction
(Standard Supply)

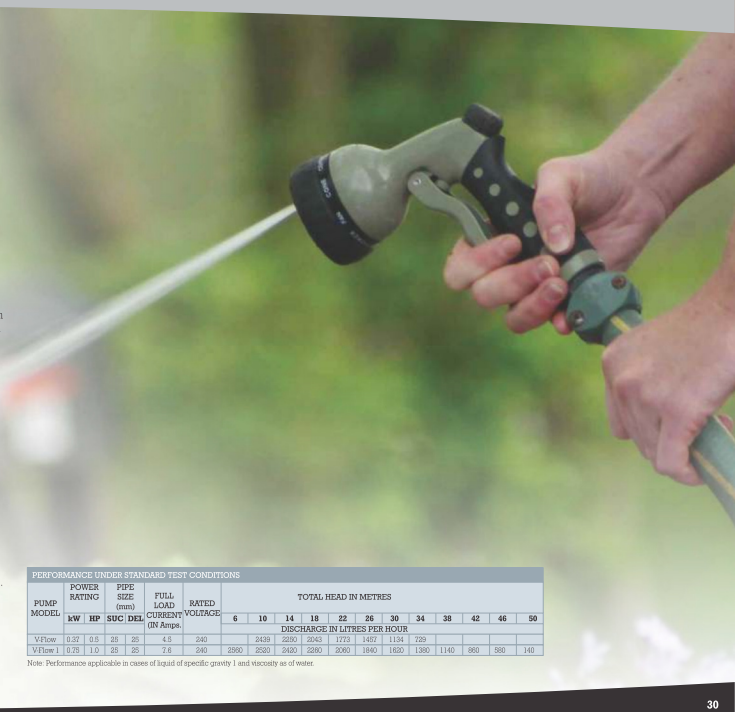
Impeller	:	Brass
Pump shaft	:	Carbon steel
Delivery Casing	:	Cast Iron
Mounting casing	:	Cast Iron
Motor Body	:	Aluminum
Cover NDE	:	Cast Iron
Mechanical seal	:	Carbon ceramic

Applications

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

Technical Specifications

Head	:	5 to 50 Meters
Capacity	:	2560 to 140 LPH
Power Rating	:	0.37 Kw/ 0.5 HP to 0.75 Kw/ 1.0 HP
Voltage Range	:	180 to 240 Volts (1 phase)



PERFORMANCE UNDER STANDARD TEST CONDITIONS

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (IN Amps.	RATED VOLTAGE	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											
V-Flow	0.37	0.5	25	25	4.8	240		2439	2280	2043	1773	1457	1134	729				
V-Flow 1	0.75	1.0	25	25	7.6	240	2560	2520	2420	2280	2060	1840	1630	1380	1140	860	580	140

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