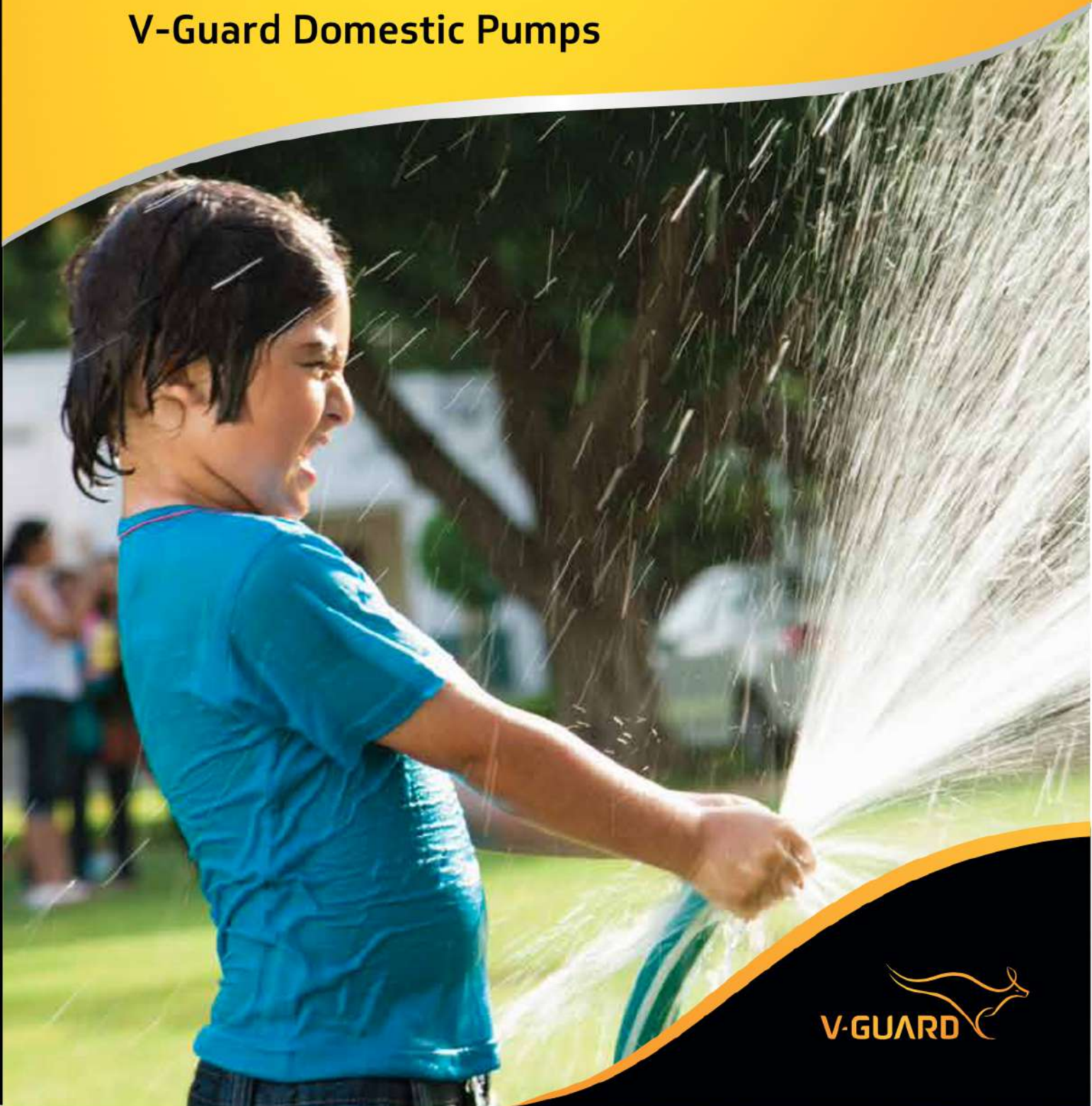


High-pressure pumps for low-stress water solutions

V-Guard Domestic Pumps



V-GUARD 

Range available



REGENERATIVE PUMPS

Premium-Series | Neon & Revo-Series
| Nova & Neon N-Series | Super & Wonder-Series
| Slow Speed-Series

CENTRIFUGAL PUMPS

VC-Series Normal Voltage | VC-Series Special Voltage
| VCN & Neon-Series | Extended Shaft-Series | VCSW-Series
| VCM-Series



CENTRIFUGAL BOOSTER PUMPS

VB-Series | Mini Booster Pumps
| Circulatory Pumps

JET CENTRIFUGAL PUMPS

VJ-Series | Neon-Series



OPENWELL PUMPS

VOS & VOSS-Series | VOSR-Series | Neon-Series
| Revo-Series | Nova-Series | VOSO-Series | VOSV-Series

BOREWELL SUBMERSIBLE PUMPS

3" VB53 & VB53AM-Series | 3.5" VB54SAM-Series | 4" VB5-Series
| 4" VBSR-Series | 4" VB52-Series
3" VB503-Series | 4" VB50-Series | 4" Neon-Series



BOREWELL COMPRESSOR PUMP FOR LIFTING WATER WITH AIR DISTRIBUTOR PIPE

Monobloc Compressor Pumps | Belt Driven Compressor pumps

FEATURED PUMPS

Prime Pumps | Fountain Pumps





Centrifugal Booster Pumps

Up-surged, Incessant and Reliable.

For clear, cold* water free from abrasive & chemically aggressive particles to satisfy the needs of residential pressure boosting applications

*Max. liquid temperature 90°C

Aluminium pressure die-casted body

For non-corrosive, long lasting life.

SS Impeller*

For rust free and consistent performance.

(*Except for mini boosters with brass impellers).

99.9% pure copper winding wires

Provides better electrical operational characteristics.

Superior quality electrical stampings

Ascertain highly efficient motor.

SS410 motor shaft

Offers rust free, stuck free persistent operation.

High quality double sealed ball bearings

For a smooth & silent functioning.

F Class insulation

Improved insulation protection and prevents unwanted energy losses.

SS Hardwares

Ensures endurance against aggressive corrosion failures.

World class pressure tanks

Imported tanks are meant to assure safe working and prolonged operational consistency.

Operating/Technical specifications

Input supply: 1Φ AC, 180-240V*, 50Hz
(*Voltage required at motor input terminal)

Power range: 0.37 – 1.1kW
(0.5 to 1.5HP)

Flow range: 7900 – 550 LPH

Pressure range: 1.5 – 4.5 bar

Rated Speed: 2800rpm

Type of duty: S1(Continuous)

Insulation class: F

Rotation: Counter clockwise, when viewed from pump side



VB Series

Speciality

- Premium quality pump sets.
- Rust preventive Aluminium die-casted motor body.
- Rigid built cast iron casings.
- Stainless steel hardwares.
- Fitted with hot water seal.
- Imported pressure tank.
- F-class insulation.

Accessories



Pressure Tank



Pressure sensing switch



Pressure gauge



Flexible Hose



3 Pin Plug



VB24-F4A

PERFORMANCE CHARTS & CURVES

Models	Power		Pipe size (cm)	Total head in metres/feet Vs Discharge in LPH														
	HP	kW	Suction X Delivery	m	6	9	12	15	18	21	24	27	30	33	36	39	42	47
				ft	20	30	40	50	60	70	80	90	100	110	120	130	140	155
VB24-H3A	0.5	0.37	2.5/2.5	LPH	*	*	5300	5000	4700	4200	3400	2900	2600	2100	1300			
VB24-F1E	1	0.75	2.5/2.5		3900	3900	3800	3750	3650	3400	2900	2300	1700	1300	850			
VB24-F4A	1	0.75	2.5/2.5		*	*	*	4600	4300	3500	3200	3000	2700	2200	1600	1100	600	
VB60-FH3B	1.5	1.1	2.5/2.5		*	*	*	*	*	7900	7400	6800	6150	5800	5000	3500	2700	1000
Models	Power		Pump Stage	Type of Tank	Tank Capacity (L)	Drawdown capacity (L)	Pressure setting range (kg/cm^2)	Max capacity (LPH)	Approximate suitable for									
	HP	kW																
VB24-H3A	0.5	0.37	3	Inline vertical	24	10	2.0 to 3.5	5600	2 Bathrooms									
VB24-F1E	1	0.75	1	Inline vertical	24	9	2.0 to 3.5	4200	3 Bathrooms									
VB24-F4A	1	0.75	4	Inline vertical	24	12	2.0 to 4.5	6000	4 Bathrooms									
VB60-FH3B	1.5	1.1	3	Inline vertical	60	35	2.0 to 4.0	9500	5 Bathrooms									
*Overloading region																		

*Overloading region

