V-Guard.
Quality you can trust

V-Guard, India's leading electrical and electronics major, is a name trusted by over 50 million customers, over the past three decades. Renowned for innovative products, world-class quality standards and technological excellence, it is also India's No.1 Voltage Stabilizer brand.

V-Guard offers a wide range of products built for day to day modern living, including Electronic Stabilizers, Digital Stabilizers, Stabilizer for Air Conditioners, UPS, Digital UPS, Electric Water Heaters, Solar Water Heaters, Pumps, Wiring Cables, Industrial Cables, Fans, Switch Gears, Induction Cooktops, Mixer Grinder & Solar Inverter.

Designed and developed by V-Guard's ISO 9001:2008 certified and DSIR recognized R&D, these products are made from high-quality components, quality checked at all stages through the manufacturing process and equipped with latest technology and advanced features to deliver superior performance. V-Guard products are made available with more than 20000 Authorized Dealers and 500 Distributors with a pan India presence.

JET CENTRIFUGAL PUMPS (VJ & NEON-series)

Jet pumps can be used in areas where the water level is below 25 feet (7.5m). Provided Thermal Overload Protector (T.O.P) to avoid coil burnout. All models can be mounted vertically as well as horizontally.

Models	Power		Pipe Size (cm/Inch)			Capacitor (mfd)	Gross Weight (Kg)		DLWL in meters / feet Vs Discharge in LPH																
	HP	kW	Suction	Pressure	Delivery				m	9	12	15	18	21	24	27	30	33	36	39	42	45
									ft	30	40	50	60	70	80	90	100	110	120	130	140	150
VJ-H(H70)	0.5	0.37	3.2/1.25"	2.5/1"	2.5/1"	15	23.5			1450	1250	1050	800	600								
VJ-F(F60)	1	0.75	4.0/1.5"	3.2/1.25"	2.5/1"	30	33			3400	3050	2600	2100									
VJ-F(F80)	1	0.75	4.0/1.5"	3.2/1.25"	2.5/1"	30	32			1700	1620	1500	1425	1350	1300							
VJO-F(F80)	1	0.75	4.0/1.5"	3.2/1.25"	2.5/1"	25	29	LPH		1700	1620	1500	1425	1350	1300							
VJ-F(F100)	1	0.75	4.0/1.5"	3.2/1.25"	2.5/1"	25	32			1600	1325	1250	1175	1100	1000	950	925					
VJO-F(F100P)	1	0.75	3.2/1.25"	2.5/1"	2.5/1"	25	29			1550	1300	1200	1125	1000	850	750	675					
VJO-F(F100BWP)**	1	0.75	3.2/1.25"	2.5/1"	2.5/1"	25	29			1550	1300	1200	1125	1000	850	750	675					
VJ-F(F130BW)	1	0.75	3.2/1.25"	2.5/1"	2.5/1"	25	33			*	*	*	1100	1075	1050	1025	975	950	850	800		

Models	Power		Pipe Size (cm/Inch)			Capacitor (mfd)	Gross Weight (Kg)		m	18	21	24	27	30	33	36	39	42	45	48	51	54
	HP	kW	Suction	Pressure	Delivery				ft	60	70	80	90	100	110	120	130	140	150	160	170	180
VJ-FH(FH150)	1.5	1.1	4.0/1.5"	3.2/1.25"	2.5/1"	36	35			*	*	1200	1150	1100	1080	1000	925	800	680			
VJ-FH(FH150BW)	1.5	1.1	3.2/1.25"	2.5/1"	2.5/1"	36	34.5	LPH		*	*	1175	1100	1050	925	900	850	750	650			
VJ-FH(FH180BW)	1.5	1.1	3.2/1.25"	2.5/1"	2.5/1"	36	38			*	*	*	1100	1075	1050	1000	900	800	750	700	650	500

Models	Power		Pipe Size (cm/Inch)			Capacitor (mfd)	Gross Weight (Kg)		m	6	9	12	15	18	21	24	27	30	33	36	39	42
	HP	kW	Suction	Pressure	Delivery				ft	20	30	40	50	60	70	80	90	100	110	120	130	140
Neon-JF100BWP	1	0.75	3.2/1.25"	2.5/1"	2.5/1"	25	29	LPH		*	1150	1025	975	925	825	750	600	500				
Neon-JF150BWP	1	0.75	3.2/1.25"	2.5/1"	2.5/1"	25	34			*	*	*	*	1100	1075	1050	1025	975	850	600	450	
PACKER JET PUMPS																						
VJP2-F100	1	0.75	3.2/1.25"	2.5/1"	2.5/1"	36	35	LPH	*	1800	1550	1300	1000	700	550	300	100					

* over loading region.
** High voltage version also available(200-280 V).
DLWL - Depth to Low Water Level

OPENWELL SUBMERSIBLE PUMPS (VOS & NEON series)

These pumps are specially designed to function while completely submerged in water.It can efficiently pump water from deep openwells.

Models	Power		Pipe Size (cm/Inch)		Capacitor (mfd)	Gross Weight (Kg)		Total head in metres / feet Vs Discharge in LPH																
	HP	kW	Suction	Delivery				m	6	9	12	15	18	21	24	27	30	33	36	39	42	45
								ft	20	30	40	50	60	70	80	90	100	110	120	130	140	150
VOS-H60	0.5	0.37	2.5/1"	2.5/1"	36	20			*	7200	6200	5500	4200									
VOSO-H70	0.5	0.37	2.5/1"	2.5/1"	30	26			7000	6200	5250	4500	2000	1250								
VOS-TF80	0.75	0.55	2.5/1"	2.5/1"	45	30			*	*	8100	7600	7000	5200	3500							
VOS-F60	1	0.75	4.0/1.5"	4.0/1.5"	30	30			21000	18500	15000	11000	5000									
VOS-F80	1	0.75	2.5/1"	2.5/1"	45	30	LPH		*	*	8200	7700	7100	5250	3550							
VOS-F90	1	0.75	3.2/1.25"	2.5/1"	30(RC) 40/60(SC)	29			*	*	10100	9500	7500	5300	3600	3450						
VOSS-F90	1	0.75	3.2/1.25"	2.5/1"	45	26.5			*	*	10100	9500	7500	5300	3600	3450						
VOSN-F90	1	0.75	3.2/1.25"	2.5/1"	36	26			*	*	9800	9000	7300	5000	3200	2850						
VOSS-F110	1	0.75	2.5/1"	2.5/1"	45	30			*	*	*	*	8600	8000	6800	4900	3100	1300				
VOS-FH110	1.5	1.1	3.2/1.25"	2.5/1"	75	39			*	*	*	*	9100	8600	8000	7200	6300	5250				
VOS-FH150	1.5	1.1	3.2/1.25"	2.5/1"	90(RC) 120/150(SC)	39.5			*	*	*	*	*	*	*	7200	6800	6300	5300	4500	3200	1300
VOSS-TW100	2	1.5	5.0/2"	4.0/1.5"	60(RC) 100/120(SC)	30			*	*	*	14500	13000	12000	10500	9000	7500					

Models	Power		Pipe Size (cm/Inch)		Capacitor (mfd)	Gross Weight (Kg)		m	18	24	30	36	42	45	48	54	60	66	72	78	85	90
	HP	kW	Suction	Delivery				ft	60	80	100	120	140	150	160	180	200	220	240	260	280	300
VOSV-F120	1	0.75	-	2.5/1"	36(RC) 40/60 (SC)	19.5			4800	4100	3050	1800										
VOSV-F150	1	0.75	-	2.5/1"	50(RC) 40/60 (SC)	22.5			*	3900	3600	3050	2100	1300								
VOSV-F250	1	0.75	-	2.5/1"	50(RC) 40/60 (SC)	24	LPH		*	*	*	*	4500	4300	4100	3700	3300	2600	2300			
VOSV-FH300	1.5	1.1	-	2.5/1"	50(RC) 40/60 (SC)	25			*	*	*	*	*	*	*	4000	3800	3600	3400	3100	2800	2400

Models	Power		Pipe Size (cm/Inch)		Capacitor (mfd)	Gross Weight (Kg)		m	6	9	12	15	18	21	24	27	30	33	36	39	42	45
	HP	kW	Suction	Delivery				ft	20	30	40	50	60	70	80	90	100	110	120	130	140	150
Neon-OSSH45	0.5	0.37	2.5/1"	2.5/1"	30	17			7400	6700	5500	3400										
Neon-OSSH60	0.5	0.37	2.5/1"	2.5/1"	25	18			9200	8600	7900	7000	5200									
Neon-OSSF80	1	0.75	3.2/1.25"	2.5/1"	36	22	LPH		*	10000	9500	8600	7000	4800	3000							

* Over loading region.
RC - Running capacitor
SC - Starting capacitor

Note:-All performance data &technical specifications given above are based on our lab test conducted at standard conditions, rated voltage & frequency (240 V,50 Hz AC supply for single phase pumps-for specific models rated voltage may vary) and are likely to change with various field conditions. Friction and flow losses in pipes and pipe fittings have not been calculated.As improvements made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our nearest Branches/Service centres.

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(Charges apply)

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V-GUARD®
SINGLE PHASE PUMPS

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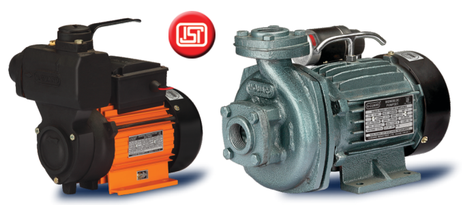

V-GUARD®
SINGLE PHASE PUMPS

SELF PRIME & MINI MONOBLOC PUMPS (VSP, VP, NEON, REVO & VCSW-series)

These pumps are designed to lift water from well,sump as deep as 7.5m (6m & 9m in the case of self prime & Shallowell respectively).
Provided Thermal Overload Protector (T.O.P) to avoid coil burnout.

Models	Power		Pipe Size (cm/Inch)		Capacitor (mfd)	Gross Weight (Kg)	Total head in metres / feet Vs Discharge in LPH														
	HP	kW	Suction	Delivery			m	6	9	12	15	18	21	24	27	30	33	36	39	42	45
							ft	20	30	40	50	60	70	80	90	100	110	120	130	140	150
VSPA-Q60	0.25	0.18	2/0.75"	2/0.75"	10	8	LPH	1500	1300	1000	800	600									
VSPA-H80**	0.5	0.37	2.5/1"	2.5/1"	10	9		1900	1650	1500	1300	1100	900	750							
VSPA-H100	0.5	0.37	2.5/1"	2.5/1"	10	10		2200	1840	1700	1550	1400	1250	1150	980	720					
VSPAE-H100	0.5	0.37	2.5/1"	2.5/1"	10	10		2200	1840	1700	1550	1400	1250	1150	980	720					
VSPS-H100	0.5	0.37	2.5/1"	2.5/1"	15	14.5		2300	1900	1780	1600	1450	1300	1200	1000	750					
VSPAW-H100	0.5	0.37	2.5/1"	2.5/1"	10	13.5		1950	1850	1700	1650	1450	1250	1150	1000	900					
VSPAW-F100	1	0.75	2.5/1"	2.5/1"	10	16		2200	2000	1850	1700	1500	1350	1200	1050	950					
VSPS-F100	1	0.75	2.5/1"	2.5/1"	15	16		2800	2700	2500	2300	2100	2000	1900	1700	1500	1300	1100	900		
VSPAS-H100	0.5	0.37	2.5/1"	2.5/1"	15	12		2000	1650	1450	1250	1100	950	780	600	400					
VSPA-F150**	1	0.75	2.5/1"	2.5/1"	20	14.5							2250	2000	1630	1500	1140	900	800	680	500
VSPA-FH150	1.5	1.1	2.5/1"	2.5/1"	40	16							3650	3350	3100	2850	2600	2400	2200	1950	1700
VSP-H80/1440	0.5	0.37	2.5/1"	2.5/1"	18 (RC) 40/60 (SC)	25.5		2400	1950	1700	1400	1050	800	550							
VSP-F120/1440	1	0.75	2.5/1"	2.5/1"	36 (RC) 60/80 (SC)	36		3400	3300	3200	2950	2800	2550	2300	2100	1900	1650	1450			
VSPC-F130/1440	1	0.75	2.5/1"	2.5/1"	20(RC) 100/120(SC)	38		3400	3300	3200	2950	2800	2550	2300	2100	1900	1650	1450			
VSP-F130/1440	1	0.75	2.5/1"	2.5/1"	36 (RC) 60/80 (SC)	28		2500	2250	2050	1850	1650	1450	1250	1000	800	575	350			
VPA-H100	0.5	0.37	2.5/1"	2.5/1"	10	9		2200	1840	1700	1550	1400	1250	1150	980	720					
Neon-H80	0.5	0.37	2.5/1"	2.5/1"	8	8.5		1600	1350	1200	1000	825	600	400							
Neon-H100	0.5	0.37	2.5/1"	2.5/1"	10	9.5		2050	1800	1650	1450	1300	1100	950	800	600					
Neon-WH100	0.5	0.37	1.25/0.5"	1.25/0.5"	10	10.5		1820	1700	1420	1250	1150	900	710	550						
Neon-WSH100	0.5	0.37	1.25/0.5"	1.25/0.5"	10	10		1600	1450	1260	1100	920	700	450	250						
Neon-H110	0.5	0.37	2.5/1"	2.5/1"	10	9.5				1650	1450	1300	1100	950	800	600	450				
Neon-F150	1	0.75	2.5/1"	2.5/1"	20	10.5							1800	1600	1450	1300	1100	850	700	600	400
Revo-H80	0.5	0.37	2.5/1"	2.5/1"	8	8.5		1700	1450	1325	1125	900	675	450							
Revo-H90	0.5	0.37	2.5/1"	2.5/1"	8	8.5		1750	1500	1375	1175	950	725	500	300						
Revo-H100	0.5	0.37	2.5/1"	2.5/1"	10	9.5		2050	1800	1650	1450	1300	1100	950	800	600					
Revo-H110	0.5	0.37	2.5/1"	2.5/1"	10	9.5				1600	1400	1250	1050	900	750	550	400				
Revo-F150	1	0.75	2.5/1"	2.5/1"	20	10.5							1800	1600	1450	1300	1100	850	700	600	400
SHALLOW WELL PUMPS																					
VCSW-H90	0.5	0.37	2.5/1"	2.5/1"	15	16	LPH	3500	3400	3300	3150	2800	2100	1400	800						
VCSW-F120	1	0.75	2.5/1"	2.5/1"	20	18.5		3750	3700	3650	3550	3400	3100	2500	1500	1050					
VCSWS-F120	1	0.75	2.5/1"	2.5/1"	20	18		3750	3700	3650	3550	3400	3100	2500	1500	1050					

** High voltage version also available(200-280 V).
RC - Running capacitor
SC - Starting capacitor

CENTRIFUGAL MONOBLOC PUMPS (VC-series)

These pumps have got high discharge compared to self prime and mini monobloc models.They are suitable for domestic and agricultural applications.
Provided Thermal Overload Protector (T.O.P) to avoid coil burnout.

Models	Power		Pipe Size (cm/Inch)		Capacitor (mfd)	Gross Weight (Kg)	Total head in metres / feet Vs Discharge in LPH														
	HP	kW	Suction	Delivery			m	3	6	9	12	14	15	18	21	24	27	30	33	42	45
							ft	10	20	30	40	45	50	60	70	80	90	100	110	140	150
VC-H40	0.5	0.37	4.0/1.5"	4.0/1.5"	15	17	LPH	*	12000	10000	6500										
VC-H45	0.5	0.37	2.5/1"	2.5/1"	10	10.5		*	5000	4500	3000	2500									
VC-H50	0.5	0.37	2.5/1"	2.5/1"	10	10.5		*	6000	5000	4000	3400	3200								
VC-H60	0.5	0.37	2.5/1"	2.5/1"	15	15.5		*	7000	6500	6000	5400	4800	2500							
VC-H80	0.5	0.37	2.5/1"	2.5/1"	20	17.5		*	*	*	5400	5250	4900	4100	2400	1100					
VC-TF80	0.75	0.55	2.5/1"	2.5/1"	20	17.5		*	*	*	5800	5650	5300	4500	2800	1500					
VCS-F80	1	0.75	3.2/1.25"	2.5/1"	20	22.5		*	*	*	6200	5900	5600	4500	3100	1800					
VCA-TF90	0.75	0.55	2.5/1"	2.5/1"	18	19		*	*	*	7800	7100	6400	5500	4100	3000	1200				
VC-F40	1	0.75	5.0/2"	5.0/2"	25	30		27000	25000	19000	13000										
VC-F60	1	0.75	4.0/1.5"	4.0/1.5"	25	25		*	15000	13200	12500	9825	7150	5500							
VC-F80	1	0.75	3.2/1.25"	2.5/1"	25	22		*	*	*	9500	8350	7200	6000	3250	1500					
VCA-F90	1	0.75	2.5/1"	2.5/1"	18	19		*	*	*	8200	7600	7000	6200	5100	3500	2000				
VC-F100	1	0.75	3.2/1.25"	2.5/1"	30	25.5		*	*	*	*	8100	7200	6000	5100	4200	3800	3100			
VCS-F110	1	0.75	2.5/1"	2.5/1"	25	18		*	*	*	*	*	*	5500	4600	3800	3400	2600	2000		
VC-FH40	1.5	1.1	6.5/2.5"	5.0/2"	36	33		39600	33000	24000	13800										
VC-FH45	1.5	1.1	5.0/2"	5.0/2"	30	32		33000	31150	30000	25000	21300									
VC-FH70	1.5	1.1	5.0/2"	4.0/1.5"	30	30		*	20400	19100	17000	14900	12800	10000	6000						
VC-TW35	2	1.5	7.5/3"	7.5/3"	40	33		48600	39000	25200	13200										
VC-TW40	2	1.5	7.5/3"	7.5/3"	50	48		*	50000	40000	33000	20000									
VC-TW70	2	1.5	5.0/2"	5.0/2"	50	48		*	*	*	28000	26000	25000	21000	13000						
VC-TW80	2	1.5	4.0/1.5"	4.0/1.5"	72	48		*	*	*	16080	15600	15300	14280	13500	11000					
VCS-TW100	2	1.5	4.0/1.5"	3.2/1.25"	72	50		*	*	*	*	*	*	15100	14500	14100	12300	8400	5000		
VCM-F125	1	0.75	2.5/1"	2.5/1"	20	25		*	*	*	*	*	*	*	3900	3800	3600	3400	3200		
VCM-F150	1	0.75	2.5/1"	2.5/1"	20	27		*	*	*	*	*	*	*	*	4200	3800	3600	3400	2500	2200
PRESSURE BOOSTER PUMPS							m	3	6	9	12	15	18	21	24	27	30	33	36	39	42
							ft	10	20	30	40	50	60	70	80	90	100	110	118	130	140
VB24-F4A	1	0.75	2.5/1"	2.5/1"	20	21	LPH	*	*	4600	4200	3900	3600	3200	2900	2400	2000	1500	1000		
VB24-H3A	0.5	0.37	2.5/1"	2.5/1"	15	20		*	*	4200	3900	3600	3300	2900	2600	2100	1700	1200			

* Over loading region.

Note:-All performance data &technical specifications given above are based on our lab test conducted at standard conditions, rated voltage & frequency (240 V,50 Hz AC supply for single phase pumps-for specific models rated voltage may vary) and are likely to change with various field conditions. Friction and flow losses in pipes and pipe fittings have not been calculated. As improvements made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our nearest Branches/Service centres.

V-GUARD®
SINGLE PHASE PUMPS

V-Guard Pumps are made from top-grade castings, superior components and ace-quality Aluminium using state-of-the-art technology, to conform to the latest International standards. Besides, each and every stage in the manufacturing process is closely monitored through stringent quality tests to ensure impeccable quality standards, reliable performance and unmatched durability. V-Guard Pumps are available in more than 400 models, ranging from 0.25 HP to 25.0 HP to suit various requirements. Powerful yet energy efficient and energy saving, V-Guard Pumps enjoy a substantial market share in the water pump segment in India.

SELF PRIME PUMPS

VSPA-H80

VSPA-F150

VSPA-FH150

VSPAW-H100

VSPS-H100

VSP-H80/1440

CENTRIFUGAL PUMPS

VC-H60

VC-F100

VC-FH70

VCM-F150

VC-H45

VCA-TF90

VCS-F110

MINIMONOBLOC PUMPS

VPA-H100

SHALLOW WELL PUMPS

VCSW-F120

OPEN WELL SUBMERSIBLE PUMPS

VOS-F90

VOSS-F90

VOS-FH110

VOSS-F110

VERTICAL OPEN WELL PUMPS

VOSV-F120

PRESSURE BOOSTER PUMPS

VB24-F4A

JET CENTRIFUGAL PUMP

VJ-F80

VJO-F80

Advantages at a glance:

- Low power consumption
- Low voltage working
- Electrical grade silicon steel stamping
- T.O.P. for enhanced motor protection
- ISI certification
- Double side sealed ball bearings
- Higher power factor & Maximum efficiency
- Minimum maintenance
- Different models
- Reliability & Value for money