



Enriching Lives



JVS
VERTICAL
OPENWELL 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



and



LOGOS ON PACKAGING

TECHNICAL SPECIFICATION

Head	-	Up to 147 Metres
Capacity	-	Up to 840 LPM
Power Rating	-	2.2 to 15 kW / 3 to 20 HP
Voltage Range	-	200 to 440 Volts (Three Phase)*
Insulation	-	PP
Protection	-	IP68

*Under ideal condition with suitable cable size.

MATERIAL OF CONSTRUCTION

	JVS	JVSN
Impeller	- Stainless Steel	Cast Iron
Outlet (NRV Body)	- Cast Iron	Cast Iron
Motor Body	- Mild Steel	Cast Iron
Pump Shaft	- Stainless Steel	Stainless Steel

APPLICATIONS

- Irrigation in horticulture & agriculture
- Sprinkler and drip irrigation
- Water supplies for high rise buildings
- Rural water supply
- Domestic and community water supply

FEATURES

Wide Voltage Design

The motor is designed to withstand wide voltage variations which reduces the chances of motor burning at low voltage.

Design to Prevent Overloading

Lesser chances of motor burning even if the pump operates at lower head than recommended as motor does not get overload thus ensures substantial saving from maintenance cost and breakdown.

High Efficiency and Energy Saving Design

Innovative design manufactured at state of art plant, delivers optimum efficiency at lower energy consumption resulting in significant cost savings.

Dynamically Balanced Rotating Parts

Minimum vibration protects components from damage during the operation, thus ensures consistent performance over longer time period as concentricity is maintained.

Advanced Water Cooled Motors Designs

The motor is filled with potable water, protects from overheating and facilitates smoother and trouble free operation for the years.

Wide Voltage Motor Designs

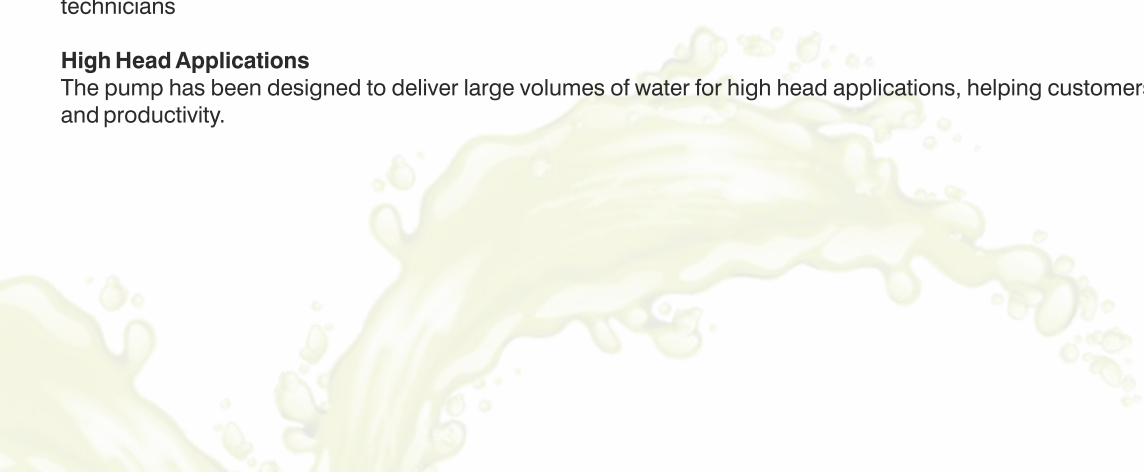
Motors are designed with extra overload capacities, more water spaces and engineered with high grade materials to performs well in low voltage with minimum discharge drops and suitable for wide voltage applications.

Easy Maintainable Designs

Easy maintainable design and better interchangeability of components so that pump can be serviced even at remote locations by semi-skilled technicians

High Head Applications

The pump has been designed to deliver large volumes of water for high head applications, helping customers to achieve high turnaround time and productivity.



PERFORMANCE CHART FOR 'JVS' SERIES, 2 POLE, MULTISTAGE VERTICAL OPENWELL SUBMERSIBLE PUMPS, AT RATED VOLTAGE OF 415 VOLTS, 50 Hz FREQUENCY, THREE PHASE A.C. POWER SUPPLY

Sr. No.	PUMP MODEL	MOTOR RATING		NO. OF STAGES	OUTLET SIZE (mm)	FULL LOAD CURRENT (Amps)	LPM	120	240	360	480	600	720	840
		kW	HP					m ³ /hr	7	14	22	29	36	43
1	JVSA 0502	3.7	5	2	80	10	HEAD IN METERS	37	35	34	31	25	16	7
2	JVSA 0803	5.5	7.5	3	80	14.5		55	53	51	46	37	24	10
3	JVSA 1004	7.5	10	4	80	19.5		73	71	68	61	49	32	13
4	JVSA 1305	9.3	12.5	5	80	25		92	88	85	77	62	40	17
5	JVSA 1506	11	15	6	80	29		110	106	102	92	74	48	20
6	JVSA 2008	15	20	8	80	39		147	141	136	123	99	64	27
							LPM	120	180	240	300	360	420	480
							m ³ /hr	7	11	14	18	22	25	29
7	JVSC 0302	2.2	3	2	80	6.5	HEAD IN METERS	35	34	32	29	25	20	14
8	JVSC 0503	3.7	5	3	80	10		53	51	48	44	38	30	21
9	JVSC 0805	5.5	7.5	5	80	14.5		88	85	80	73	63	50	35
10	JVSB 1007	7.5	10	7	80	19.5		119	115	109	98	84	65	42
							LPM	120	240	360	420	480	600	720
							m ³ /hr	7	14	22	25	29	36	43
11	JVSD 0804	5.5	7.5	4	80	14.5	HEAD IN METERS	77	73	65	60	54	39	20
12	JVSD 1005	7.5	10	5	80	19.5		96	91	81	75	68	49	25
13	JVSD 1306	9.3	12.5	6	80	25		116	109	98	90	81	59	30
14	JVSD 1507	11	15	7	80	29		135	127	114	105	95	68	35

Sr. No.	PUMP MODEL	MOTOR RATING		NO. OF STAGES	OUTLET IN mm	FULL LOAD CURRENT (Amps)	LPM	180	300	420	540	660	780	840
		kW	HP					m ³ /hr	11	18	25	32	40	47
1	JVSA - 0502N	3.7	5	2	65	10	HEAD IN METERS	45	43	40.5	36	30	23	18.5
2	JVSA - 0803N	5.5	7.5	3	65	14.5		65.5	61.5	57	51.25	41.5	31	24.5

Note:

- Performance applicable to liquid of specific gravity 1 and viscosity as of water.
- Vertical Openwell Submersible(JVS) Pump at 50 Hz frequency and 415 rated Voltage.





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Process for E-Warranty Registration for Newly Purchased Pumps



THROUGH KBL'S OFFICIAL WEBSITE

- ✔ Go to our website <https://www.kirloskarpumps.com>
- ✔ Scroll down to E-Warranty registration.
- ✔ Choose Customer Category, enter your mobile number, and verify with the OTP.
- ✔ Enter the product's serial number or scan the nameplate with your phone.
- ✔ Add purchase date and proceed.
- ✔ Complete the form and hit Submit.



USING WHATSAPP / EMAIL

- ✔ Share your invoice on KBL WhatsApp number - 9922710710 or mail us at kblcare@kbl.co.in



USING KBLONE4ALL APP

- ✔ Download KBLOne4All app from Google Play Store or iOS App Store.
- ✔ Choose Customer Category, input your mobile number, and verify with the OTP.
- ✔ Enter the 5-digit code received, then proceed.
- ✔ Add product details by manually entering the serial number or scanning the nameplate.
- ✔ Input purchase date and move to the next step.
- ✔ Complete required information, upload the invoice, and hit Submit.

Note : E-Warranty Registration is essential to experience hassle-free support & after-sale service.

KIRLOSKAR BROTHERS LIMITED

Established 1888

A Kirloskar Group Company



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