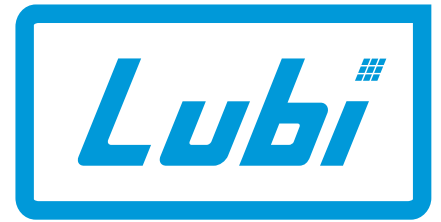


LCV SERIES

**Vertical Multistage Openwell
Submersible Pumpsets
50 Hz**



PUMPS



QUALITY • INNOVATION • SUSTAINABILITY



Description

Lubi Vertical Multistage Openwell Submersible Pumpsets are manufactured strict quality assurance for years of efficient and reliable operation. Following are some of the special features.

Salient Features

- It has well designed sleeve and thrust bearing of adequate capacity for longer life.
- High operating efficiencies of pumpset result into high water discharge rate and lower power bills.
- All components are precisely machined on modern precision machine tools to give you years of reliable operation.
- Pumpset are designed to withstand voltage drops to 320 volts.
- Stator and rotor of the monoset are vacuum impregnated with synthetic varnish and epoxy coated for corrosion resistance.
- All rotating components are dynamically balanced to ensure long bearing life and vibration free smooth operation.
- All pumpsets are fully tested prior to despatch.

Material of Construction

Motor Body	: Cast Iron
Stator	: Vacuum Impregnated and epoxy coated for corrosion resistance. Thick end laminations are provided to protect motor windings.
Rotor	: Vacuum impregnated, shot blasted & coated with poly urethane colour for corrosion resistance & dynamically balanced for vibration free smooth operation.
Winding	: PVC / Polyester insulated, water cooled.
Journal Bearings	: Leaded Bronze / Nitrile Rubber and Stainless Steel, Water Lubricated, having high load bearing capacity.
Thrust Bearings	: Carbon -Steel special self-alignment and water lubricated to withstand high axial thrust loads.
Pressure Equalizing Diaphragm	: Adequately sized to accommodate expansion of water inside th motor and prevent loss cooling water
Impeller	: Graded Cast Iron & Dynamically balanced.
Casing	: High grade Cast Iron.
Wear Rings	: High quality abrasion resistance Bronze.
Shaft	: Mild Steel / Stainless Steel of adequate diameter to ensure rigidity and ground to close tolerances.
Cable Sealing Arrangement	: Designed so that no borewell water with sand can enter the motor.

Applications

- Irrigation from open wells especially where there is wide fluctuation in water levels.
- Community water supply from open wells.
- Fountains.
- Canals / Rivers belt irrigation.
- Water supply for high-rise building.

50Hz, 415V (-15% & +6%) Three Phase, 2900 RPM

2.5" (65 mm) Outlet

Model	H.P.	Stage	Discharge in L.P.M.										
			0	260	360	425	460	490	525	550	610	660	700
			Head in Metres										
LCV-0/2	3.0	2	37	32	28	24	22	20	18	16	12	8	4
LCV-1A/3	5.0	3	56	48	42	36	33	30	27	24	18	12	6
LCV-35/5	7.5	5	93	80	70	60	55	50	45	40	30	20	10
LCV-46/6	10.0	6	111	96	84	72	66	60	54	48	36	24	12

Model	H.P.	Stage	Discharge in L.P.M.										
			0	240	300	360	420	480	540	600	660	720	
			Head in Metres										
LCV-0A/1	3.0	1	21	20	19	18	17	16	15	13	9	8	
LCV-1/2	5.0	2	42	40	38	37	35	32	30	26	19	17	
LCV-33/3	7.5	3	65	60	58	55	52	48	42	36	28	25	
LCV-44/4	10.0	4	88	82	81	77	71	65	58	50	42	38	

Model	H.P.	Stage	Discharge in L.P.M.										
			0	240	300	360	420	480	540	600	660	720	780
			Head in Metres										
LCV-3/2	7.5	2	52	49	48	47	44	43	42	39	35	33	29

Model	H.P.	Stage	Discharge in L.P.M.										
			0	240	300	360	420	480	540	600	660	720	750
			Head in Metres										
LCV-45/5	10.0	5	103	93	90	83	75	66	54	45	30	18	10

Model	H.P.	Stage	Discharge in L.P.M.										
			0	225	300	375	450	525	675	750	825	860	900
			Head in Metres										
LCV-54/4	12.5	4	96	93	90	86	80	70	53	42	27	20	10

Model	H.P.	Stage	Discharge in L.P.M.										
			0	255	350	420	475	545	575	600	650	700	725
			Head in Metres										
LCV-56/6	12.5	6	123	108	96	85	73	58	52	45	30	15	10

Model	H.P.	Stage	Discharge in L.P.M.										
			0	295	395	430	480	500	545	575	640	720	780
			Head in Metres										
LCV-66/6	15.0	6	128	120	110	105	96	90	83	75	60	45	30

Model	H.P.	Stage	Discharge in L.P.M.										
			0	240	300	360	420	540	600	660	720	780	900
			Head in Metres										
LCV-76/6	20.0	6	141	129	125	121	117	111	108	103	98	90	70

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Product Improvement is a continuous process at 'LUBI'. The data given in this publication is therefore subject to revision.



ISO 9001



ISO 14001

Customer Care Number : 9824200800