



Enriching Lives

JALNAYAK

0.5 HP and 1.0 HP MINI SERIES PUMP



Overhead tanks in bungalows



Domestic water supply



Feed water to RO plants



Construction sites



Lawn sprinklers



Gardens & fountains



Car washing

'F'CLASS Insulation



JALNAYAK - I
(1.0 HP)



JALNAYAK - II
(0.5 HP)

Aluminum Die Cast Motor Body

24
MONTHS
WARRANTY

STRENGTHENED BY
99.9%
PURE EC GRADE
COPPER WINDING WIRES



Robust Construction

Sturdy build and longer product life



CED Coating

Superior resistance against corrosion



Wide Voltage Range

Protection against voltage fluctuations from 180 to 260 volts



Thermal Overload Protector (TOP)

Protects the motor from overloading and prevents the motor from burning



Enhanced Safety Features

Covered electrical parts offer additional safety

BUY ELECTRIC PUMPS WITH PURE COPPER WINDING WIRES ONLY. ENQUIRE BEFORE BUYING.



ALWAYS BUY PUMPS WITH

and



LOGOS ON PACKAGING



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0.5 HP and 1.0 HP MINI SERIES PUMP

Applications

- Water supply to overhead tanks in bungalows
- Domestic Water Supply
- Feed water to RO Plants
- Construction sites
- Gardens and fountains
- Car Washing
- Lawn sprinklers

Features

- **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.
- **High Grade F - Class Insulation:** Robust design to withstand higher temperatures reducing the chances of motor burning and ensures the reliability, safety and enhanced life.
- **Thermal Overload Protector (TOP):** The pump set features a Thermal Overload protector that protects the motor from overloading, shielding the motor and associated circuit from the effects of fault current.
- **Cathodic Electro Deposition (CED) Coating:** CED is the latest coating technology for corrosion resistance with uniform coating, provides 5 times more protection over conventional painting, resulting in longer life. Hydraulic parts of Kirloskar pumps are CED coated.
- **Wide Voltage Range:** The motor is designed to withstand wide voltage fluctuations from 180 to 260 volts (Single Phase) / 300 to 440 Volts (Three Phase) and reduces chances of motor burning due to low/high voltage.
- **Shielded Ball Bearing:** The pumps are fitted with shielded ball bearings, which results in low noise level and so no external lubrication is required throughout the life cycle.
- **Dynamically Balanced Rotating Parts:** Minimum vibrations protect components from damages during the operations, consistent performance as concentricity is maintained.
- **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 Suction Lift:** The pump has suction lift capacity up to 7.5 meters with high head, allowing to pump water at high volumes for a variety of applications.
- **Enhanced Safety Features:** All electrical parts of the pump are covered, which makes it safer to use.

Technical Specifications

Model	Jalnayak - II (Gold)	Jalnayak - I (Gold)
Head Range	6-30m	6-48m
Capacity Range	2650 to 660 (LPH)	4050 to 1040 (LPH)
Power Rating	0.37 kW/0.5 (HP)	0.75 kW/1.0 (HP)
Phase	Single / Three	Single / Three
Voltage Range	180-260 Volts (Single Phase) / 300 - 440 Volts (Three Phase)	180-260 Volts (Single Phase) / 300 - 440 Volts (Three Phase)
Insulation	'F' Class	'F' Class

Material of Construction

Impeller	:	Brass
Delivery Casing	:	Cast Iron
Motor Body	:	Aluminum Die Cast
Shaft	:	Carbon Steel
Mechanical Seal	:	Carbon Vs. Ceramic

Performance under standard conditions

PERFORMANCE CHART FOR JAL SERIES MINI RANGE PUMPS, 2 POLE,
AT RATED VOLTAGE, 50 Hz FREQUENCY, SINGLE PHASE A.C. POWER SUPPLY

S. No.	Pump Model	Power Rating		Pipe Size (mm)		Rated Voltage (Volts)	TOTAL HEAD IN METERS															
							6	10	14	18	22	26	28	30	32	34	36	40	45	48	50	55
		kW	HP	SUC.	DEL		DISCHARGE IN LITRES PER HOUR															
1	JALNAYAK II	0.37	0.5	25	25	220	2650	2300	1980	1650	1330	970	820	660	-	-	-	-	-	-	-	-
2	JALNAYAK I	0.75	1.0	25	25	230	4050	3745	3455	3165	2880	2590	2445	2300	2160	2015	1870	1580	1225	1040	-	-

Note:

- Also available in three phase.
- Performance under standard test conditions and may vary on site conditions.
- Performance applicable to liquid of specific gravity 1 and viscosity as of water.

KIRLOSKAR BROTHERS LIMITED

A Kirloskar Group Company

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FOR SERVICE OF PUMPS



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9922710710

(OR) Call on Toll Free Number:

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