



Enriching Lives

JALRAAJ-I ^{Ultra} MAX

1.0 HP MINI SERIES PUMP

CED Coating



Wide
Voltage Range



Enhanced
Safety Features



Thermal Overload
Protector (TOP)



STRENGTHENED BY
99.9%
PURE EC GRADE
COPPER WINDING
WIRES

APPLICATIONS



Domestic
water supply



Lawn
sprinklers



Gardens &
fountains



Feed water
to RO plants



Car
washing



Construction
sites

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

ALWAYS BUY PUMPS WITH



and



LOGOS ON PACKAGING

JALRAAJ-I ^{Ultra} MAX

1.0 HP MINI SERIES PUMP

TECHNICAL SPECIFICATION

Model	-	JALRAAJ-I ULTRA MAX
Head Range	-	6 - 30 Metres
Discharge Range	-	2900 – 1100 LPH
Power Rating	-	0.75 kW /1.0 HP
Phase	-	Single
Voltage Range	-	160 to 260 Volts
Insulation	-	B - Class

APPLICATIONS

- Water supply to overhead tanks in houses
- Feed water to RO Plants
- Gardens and fountains
- Construction sites
- Car Washing

MATERIAL OF CONSTRUCTION

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

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.

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 variation from 160 to 260 volts and reduces chances of motor burning due to low/high voltage.

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.

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

Light weight and Compact Design: It allows user to carry the pump anywhere with ease, adding to its portability and convenience of use.

PERFORMANCE CHART OF JALRAAJ-I ULTRA MAX PUMP, 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 METRES							
							6	10	14	18	22	26	28	30
		kW	HP	SUC.	DEL.		DISCHARGE IN LITRES PER HOUR							
1	Jalraaj-I Ultra Max	0.75	1.0	25	25	240	2900	2550	2230	1950	1650	1380	1250	1100

Note:

- 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

Established 1888

A Kirloskar Group Company



We are now available on WhatsApp to assist you better.

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