



Enriching Lives

# JALDAKSH

## 1.0 HP MINI SERIES PUMP



Gardens & fountains



Feed water to RO plants



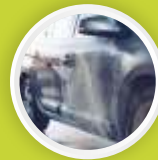
Domestic water supply



Construction sites



Overhead tanks in bungalows



Car washing



Lawn sprinklers



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99.9%  
PURE EC GRADE  
**COPPER**  
**WINDING WIRES**



**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



Enriching Lives

and



LOGOS ON PACKAGING

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### Applications

- Gardens and fountains
- Domestic water supply
- Construction sites
- Feed water to RO plants
- Water supply to overhead tanks in bungalows
- 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.
- **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.
- **Wide Voltage Range:** The motor is designed to withstand wide voltage fluctuations from 180 to 260 volts 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.
- **Light Weight and Compact Design:** It allows user to carry the pump anywhere with ease, adding to its portability and convenience of use.
- **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                 | Jaldaksh (Silver) |
| Head Range            | 6-40m             |
| Capacity Range (LPH)  | 3300 to 760 LPH   |
| Power Rating (HP)     | 0.75 kW/1.0 HP    |
| Phase                 | Single            |
| Voltage Range (Volts) | 180-260 Volts     |
| Insulation            | 'B' Class         |

### Material of Construction

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

### Performance under standard conditions

| Pump Model        | Power Rating |    | Pipe Size (mm) |      | Rated Voltage | Total Head in Meters |      |      |      |      |      |      |      |      |      |     |     |
|-------------------|--------------|----|----------------|------|---------------|----------------------|------|------|------|------|------|------|------|------|------|-----|-----|
|                   |              |    |                |      |               | 6                    | 10   | 14   | 18   | 22   | 26   | 28   | 30   | 32   | 34   | 38  | 40  |
|                   | kW           | HP | Suc.           | Del. |               | Discharge in LPH     |      |      |      |      |      |      |      |      |      |     |     |
| Jaldaksh (Silver) | 0.75         | 1  | 25             | 25   | 220           | 3300                 | 2990 | 2700 | 2375 | 2090 | 1800 | 1650 | 1510 | 1370 | 1225 | 900 | 760 |

**KIRLOSKAR BROTHERS LIMITED**

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