



Enriching Lives

JALTARA-I

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



CED Coating

Provides superior resistance against corrosion



Thermal Overload Protector (TOP)

Prevents the motor from burning due to overloading



Wide Voltage Range Operability

Protects the motor from burning due to lower/higher voltage



Enhanced Safety Features

Covered electrical parts offer additional safety

Always buy pumps with



Enriching Lives

and



logos on packaging



KIRLOSKAR BROTHERS LIMITED
A Kirloskar Group Company

JALTARA-I

1.0 HP MINI SERIES PUMP

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.
- **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.
- **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.
- **Wide Voltage Range:** The motor is designed to withstand wide voltage variation 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.
- **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 & Compact Design.**

Technical Specifications

Model	Jaltara-I (Gold)
Head Range	6-55m
Capacity Range	4300 to 800 LPH
Power Rating	0.75 kW/1.0 HP
Phase	Single
Voltage Range	180-260 (Volts)
Insulation	'F' Class

Material of Construction

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

PERFORMANCE CHART FOR JALTARA I, MINI PUMP, AT RATED VOLTAGE, 50 Hz FREQUENCY, SINGLE PHASE A.C. POWER SUPPLY

Pump Model	Power Rating		Pipe Size (mm)		Rated Voltage (Volts)	Total Head in Meters																		
	kW	HP	Suc.	Del.		6	10	12	14	18	20	22	24	26	28	30	32	34	38	40	42	48	50	55
Jaltara-I (Gold)	0.75	1.0	25	25	230	4300	4030	3890	3744	3450	3310	3165	3025	2880	2735	2590	2445	2300	2015	1870	1725	1295	1150	800

Note: Performance under standard test conditions. Performance applicable to liquid of specific gravity 1 and viscosity as of water.

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FOR SERVICE OF PUMPS



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