



Enriching Lives

# AQUA TORRENT-10FCL

## 1.0 HP MONOBLOC PUMP



**Higher Suction Capability**  
Higher suction in varied field condition



**CED Coating**  
Superior resistance against corrosion



**Robust Construction**  
Sturdy build and longer product life



**Thermal Overload Protector (TOP)**  
Protects the motor from overloading and prevents the motor from burning



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



Gardening & Irrigation



Domestic water supply



Construction sites



Overhead tanks in bungalows



Car washing



Lawn sprinklers

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



**ALWAYS BUY PUMPS WITH**



and



**LOGOS ON PACKAGING**

# AQUA TORRENT-10FCL

## 1.0 HP MONOBLOC PUMP

### Applications

- > Gardening and Irrigation
- > Domestic water supply
- > Construction sites
- > Lawn sprinklers
- > Water supply to overhead tanks in bungalows
- > Line Boosting

### Features

- > **Higher Suction Capability:** Higher suction in varied field condition.
- > **CED - Cathodic Electro Deposition 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.
- > **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.
- > **Wide Voltage Design :** The motor is designed to withstand wide voltage variation from 180 to 260 volts and reduce the chances of motor burning due to low/high voltage.
- > **Dynamically Balanced Rotating Parts :** Minimum vibrations protect components from damages during the operations, thus ensuring consistent performance as concentricity is maintained.
- > **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.
- > **Easy Maintainable Designs :** Easy maintainable design 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.
- > **Robust Construction:** Robust Construction for longer life.

### Technical Specifications

Model	Aqua Torrent-10FCL
Head Range	6 to 42 m
Capacity Range	3500 to 650 LPH
Power Rating	0.75 kW / 1.0 HP
Phase	Single
Voltage Range	180 to 260 Volts
Insulation	'F' Class

### Material of Construction

Impeller	Stainless Steel
Delivery Casing	Cast Iron
Motor Body	Sheet Metal
Shaft	Stainless Steel
Cover NDE	Cast Iron
Mechanical Seal	Carbon Vs Ceramic

PERFORMANCE CHART FOR AQUA TORRENT-10FCL MINI RANGE PUMP, 4 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 METRES									
		kW	HP	SUC.	DEL		6	10	14	18	22	26	30	34	38	42
							DISCHARGE IN LITRES PER HOUR									
1	AQUA TORRENT-10FCL	0.75	1.0	25	25	230	3500	3170	2915	2700	2340	2015	1695	1330	970	650

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

**KIRLOSKAR BROTHERS LIMITED**

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