

# Industrial Vortex Pump

This industrial vortex pump is designed for efficient fluid transfer in demanding environments. Its vortex impeller allows it to handle fluids containing solids and abrasive particles.



## Product Overview

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The Industrial Vortex Pump is engineered to provide high pressure while maintaining low power consumption and steady operating curves. Designed for durability and versatility, it is ideal for domestic fittings, system pressure boosting in aqueducts, and automatic water distribution systems. Its robust construction and reliable motor make it an efficient solution for clear water transfer applications.

## Operating Conditions

Max Liquid Temperature	60 °C
Max Ambient Temperature	40 °C
Total Suction Lift	9 mt
Duty Cycle	Continuous

## Motor Specifications

Insulation Class Class B	
Protection Rating IP44	
Motor Type	Two-pole induction motor
Speed	2850 r.p.m

## Material Construction

### Component Materials

Component	Material
Pump Body	Cast Iron
Motor Support	Cast Iron
Motor Housing	Aluminum
Impeller	Brass
Mechanical Seal	Carbon/Ceramic

## Electrical Specifications

### Supported Voltage/Frequency

- 220V-240V/50Hz (Single phase)
- 110V-127V/60Hz (Single phase)
- 220V/60Hz (Single/Three phase)