

# Clean Water Centrifugal Pump

This pump is suitable for pumping clean water and fluids which are not chemically aggressive. It is reliable, simple to use, and ideal for domestic and civil applications, like water distribution and garden irrigation.



## Overview

### High-Performance Centrifugal Pump

This centrifugal pump is designed for reliable and efficient fluid transfer in commercial and industrial settings. Built with a robust cast iron body and a high-efficiency induction motor, it ensures quiet operation and long-term durability. It is an ideal solution for clean water supply, irrigation systems, and general fluid handling applications requiring continuous duty performance.

## Operating Conditions

Max Liquid Temperature	60 °C
Max Ambient Temperature	40 °C
Total Suction Lift	9 m

## Construction

### Material Specifications

Component	Material
Pump Body	Cast Iron
Front Cover	Cast Iron
Impeller	Brass (Techno-polymer optional)
Mechanical Seal	Ceramic and Graphite
Shaft	Carbon Steel / Stainless Steel

## Motor Specifications

### Protection Class

IP44 • IP54

Motor Type	Asynchronous, high-efficiency induction motor
Insulation Class	Class B, Class F
Cooling System	External Ventilation

## Performance Features

### Key Features

- Continuous duty rated
- Quiet running operation
- Heavy duty single phase
- Extremely ventilated design