

# Self-Priming Water Transfer Vortex Pump

This self-priming vortex pump is designed for efficient water transfer and boosting pressure in residential and light commercial applications. It features a robust construction with a durable motor and pump housing for long-lasting performance.



## Product Overview

### Versatile Self-Priming Solution

This self-priming vortex pump is engineered for efficient water transfer and pressure boosting in residential and light commercial settings. It is designed to handle clean water from wells or tanks, making it ideal for agricultural, domestic, and light industrial applications. Featuring a durable brass impeller and stainless steel shaft, this pump ensures long-term reliability and high performance.

## Application

### Suitable Applications

- Farmland irrigation
- Agricultural breeding
- Garden maintenance
- Hotel and canteen water supply
- High-rise building water pressurization
- Water air conditioner circulation
- Boiler water supply

## Operating Limits

### Thermal Limits

**40 °C**

Max Fluid Temp

**55 °C**

Max Ambient Temp

Operating pH Range

6 - 8.5

## Structural Characteristics

### Protection & Insulation

Feature	Rating
Insulation Class	B
Protection Class	IP44

Key Components

Brass Impeller, Stainless Steel Shaft, NSK Bearings, C&U Bearings