

Marine Centrifugal Vortex Pump

This centrifugal vortex pump is designed for marine applications. It is used for pumping fresh and sea water for drinking, washing, and sanitation.



Overview

Marine Centrifugal Vortex Pump

The CWX series electromotive centrifugal vortex pumps are specialized marine solutions designed for pumping both fresh and sea water. These pumps are ideal for essential shipboard applications including drinking water supply, washing, and sanitation systems. Combining centrifugal and vortex technologies, they offer reliable self-priming capabilities and the ability to handle fluids with entrained air or gases.

Primary Applications

Drinking Water, Washing, Sanitation, Marine Fluid Transfer

Technical Features

Pump Technology

- Centrifugal Vortex hybrid design
- Self-priming capability
- Dynamically balanced impeller
- Corrosion-resistant casing

Fluid Compatibility

Fresh Water • Sea Water • Chemicals • Viscous Liquids

Model Nomenclature

Model Code Instruction

Code Segment	Description
1.5	Inlet/outlet diameter divided by 25
C	Marine pump designation
WX	Centrifugal vortex pump type
2, 3, 4	Contrast revolution divided by 10
A	First improvement and bracket support

Model Identification

Available Models

- 1.5CWX-2A
- 1.5CWX-3A
- 1.5CWX-4A
- 1.5CWX-2
- 1.5CWX-3
- 1.5CWX-4

Design & Construction



Detailed view of the pump's robust construction and precision-engineered internal components.

Robust and Compact Design

The pump features a robust construction with precision-engineered internal components, including high-quality gears and seals to ensure longevity in demanding marine environments. Its compact and modular design facilitates easy installation and maintenance, while the self-priming function eliminates the need for external priming, reducing operational downtime.