

Vertical Self-Priming Centrifugal Pump for Marine Applications

This vertical self-priming centrifugal pump is designed for marine applications on ships and warships. It serves as a ballast, bilge, cooling, drainage, and fire pump, and can also be used in petrochemical pipelines and water circulation systems.



Product Overview



The compact vertical design is ideal for confined engine rooms and marine installations.

High-Efficiency Marine Pumping Solution

The CLZ series consists of vertical self-priming centrifugal pumps specifically engineered for the rigorous demands of marine and naval environments. These pumps are characterized by their compact vertical design, which significantly reduces deck space requirements while maintaining superior self-priming performance. Built for durability and ease of maintenance, they provide reliable fluid transfer even in systems with intermittent supply or entrained gases.

Performance Specifications

Key Performance Metrics

5 m³/h Min Flow Rate	600 m³/h Max Flow Rate	14.5 m Min Head	120 m Max Head
---	---	---------------------------	--------------------------

Maximum Operating Temperature	80
--------------------------------------	----

Design & Construction



Detailed internal configuration showing the centrifugal impeller and vertical assembly components.

Pump Type	Vertical Self-Priming Centrifugal
Key Features	Self-Priming, Vertical Configuration, Space-Saving, Lightweight, Centrifugal Impeller

Applications

Marine & Naval Uses

- Ballast pumping
- Bilge pumping
- Cooling systems
- Drainage systems
- Firefighting services
- Seawater desalination auxiliary feeding

Industrial & Civil Uses

- Petrochemical pipeline boosting
- Cold and hot water circulation
- High-rise building domestic water supply