

Industrial Water Ring Vacuum Pump

This industrial pump is designed for applications needing vacuum generation. It utilizes a rotating impeller within a liquid-filled casing to create a vacuum, suitable for handling wet or contaminated gases.



ADDITIONAL IMAGES



Product Overview

Industrial Vacuum Performance

The SZ series water ring vacuum pump is a robust industrial solution engineered for reliable vacuum generation through a liquid ring sealing mechanism. Featuring a durable construction and a compact design, it is perfectly suited for handling wet and contaminated gas streams in demanding environments. This versatile pump ensures consistent performance in critical processes such as drying, distillation, evaporation, and degassing.

Technical Specifications

Operational Mechanism	Eccentric impeller rotation creating a water ring seal for suction, compression, and exhaust.
Key Design Features	Closed Impeller, Corrosion-resistant materials, Compact design, Water ring sealing

Application Data

Suitable Industries

- Plastic profile manufacturing
- PE winding equipment
- Chemical processing
- Food and beverage
- Paper mills
- Power plants

Ideal Processes

Drying • Distillation • Evaporation • Degassing