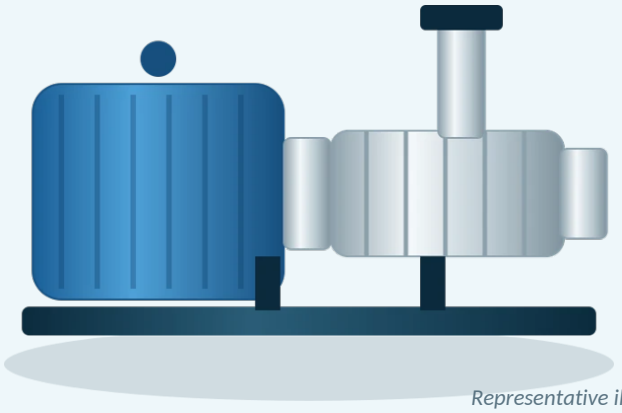
High-pressure pump

Multistage pumps that push feed water through RO membranes.



Representative illustration. Actual product may differ.

Overview

The high-pressure pump (HPP) raises feed water to the pressure that reverse osmosis needs. Vertical multistage stainless steel pumps are the usual choice: compact, quiet and efficient across the working range. We size the pump to the plant's flow and pressure.

Key features

- Vertical multistage, stainless steel wetted parts
- Sized to the plant flow and operating pressure
- Quiet, compact and efficient
- Motor options for single and three-phase supply
- Supplied with base frame and fittings

Typical applications

- Brackish water RO plants
- Mineral water plants
- Industrial process RO
- Boiler feed RO

Typical specifications

Type	Vertical multistage centrifugal
Wetted parts	SS 304 or SS 316
Pressure	Chosen to feed salinity, commonly 10 to 20 bar for brackish water
Drive	Three-phase or single-phase motor, with starter
Seal	Mechanical seal

Values are typical, for reference. The final specification is confirmed in our quotation, against your flow, pressure and water analysis.

NEPAL ION EXCHANGE

Request a quote

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