

HHPX

End-suction, single-stage, radially split pump

Deliver increased efficiency and easy maintenance

The Flowserve HHPX pump is an end-suction, single-stage, radially split pump designed for high suction pressure SWRO desalination applications, such as energy recovery device (ERD) boosters. It is specially designed to deliver increased efficiency and easy maintenance, helping desalination plants lower energy and maintenance costs.

Features and benefits

Low-pressure mechanical seals prevent leakage and maximize seal life.

Back pull-out design shortens maintenance times and enables service without disturbing motor or casing connections.

High suction pressure design is ideally suited for SWRO desalination operations.

Fan-cooled, oil-lubricated bearings withstand high suction pressures found in desalination operations.

Fully shrouded, precision-cast impellers and single- or dual-volute design increase pump efficiency.

Non-metallic wear rings reduce volumetric losses and increase efficiency.

Operating parameters

- Flows up to 3,000 m³/h (13,209 gpm)
- Heads to 70 m (230 ft)
- Pressures to 90 bar (1,305 psi)
- Temperatures: 50°C (122°F)
- Available in four sizes with discharges from 8 to 14 in

