

Industrial Desalination System

This industrial desalination system converts seawater or brackish water into potable water. It is designed for regions with limited freshwater resources, employing membrane technology.



System Overview

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This high-capacity industrial desalination unit is engineered for the efficient conversion of seawater or brackish water into high-quality potable water. Designed for robust performance in regions facing freshwater scarcity, the system utilizes advanced membrane technology integrated within a durable steel framework. It features comprehensive control and monitoring instrumentation to ensure precise regulation of pressure, flow rates, and water quality parameters.

Key Components

- Cylindrical membrane module arrays
- Integrated piping network
- Heavy-duty steel support framework
- Pressure regulation control panels
- Flow and water quality monitoring equipment

Primary Application

Seawater Desalination, Brackish Water Treatment, Industrial Water Supply