

Z-BOX* S Packaged Plants

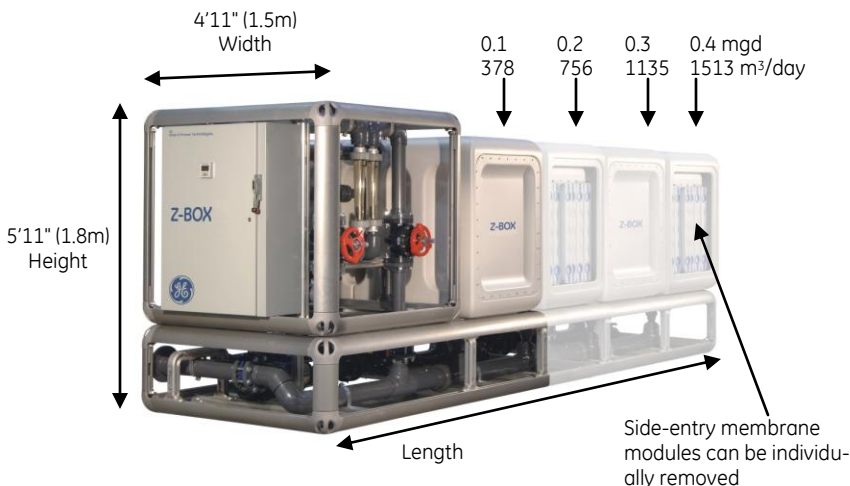
Pre-engineered Packaged Plants are cost effective, compact solutions for potable water treatment

Benefits

- ZeeWeed* 1000 ultrafiltration membrane effectively blocks particles, bacteria, viruses and cysts from water supplies
- Simple and efficient design and operation
- PLC-control provides cost-effective operation and maintenance
- Easily fits into new or existing buildings
- Low ceiling height requirement
- Pretreatment for RO membranes (sea-water compatible)
- Surface water, ground water and tertiary treatment
- Expandable modular design

Application Dependent Options

- Enhanced coagulation (E.C.), or oxidation system with +/-pH adjustment
- NaOCl and Citric Acid cleaning systems, and neutralization pumps
- Air Compressor
- Treated and feedwater turbidimeter and particle counters
- Membrane Integrity Test (MIT)
- Allen Bradley PLC
- Disinfection
- Shelf spares
- ZenoTrak* process tracking system



Base System

Permeate/backpulse pump and associated valves; polyethylene membrane and backpulse tanks; and control panel with GE Fanuc PLC and HMI interface mounted on an aluminum equipment frame

Model	Length	Max. Flow MGD (m³/d)
Z-BOX S6	7'3" (2.2m)	0.102 (386)
Z-BOX S12	10'11" (3.3m)	0.204 (772)
Z-BOX S18	12'11" (3.9m)	0.306 (1,158)
Z-BOX S24	15'10" (4.8m)	0.408 (1,544)
Voltage 400/480/575 V, 3 phase, 50/60Hz		



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