

Z-BOX* L Packaged Plants

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

Benefits

- ZeeWeed* ultrafiltration membrane effectively blocks and removes particles, bacteria, viruses and cysts from water supplies
- Full featured treatment system for variable water quality
- PLC-control provides cost-effective operation and maintenance
- Easy-to-install into existing or new facilities which reduces capital costs
- Pretreatment for RO membranes
- Turbidity, TOC, manganese, iron and arsenic removal
- Expandable modular design

Application Dependent Options

- Feedwater screens
- Enhanced coagulation (E.C.), or oxidation system with +/-pH adjustment
- NaOCl and Citric Acid cleaning systems, and neutralization pumps
- Treated and feedwater turbidimeter and particle counters
- Clean in place system including pump, water tank and heater
- Allen Bradley PLC
- Disinfection
- Shelf spares
- ZenoTrac* process tracking system

Model	Width	Length	Membrane Module	Membrane Tank	MGD (m ³ /d) Max. Flow
Z-BOX L96	29' (8.84m)	37' (11.28M)	ZW1000	Side loading stainless steel	1.73 (6.548)
Z-BOX L128	30' (9.14m)	40' (12.19m)	ZW500	Epoxy coated carbon steel	1.80 (6.813)
Z-BOX L192	29' (8.84m)	43' (13.11m)	ZW1000	Side loading stainless steel	3.25 (12.301)

Voltage 400/480 or 575 V, 3 phase, 50/60Hz

Base System

Permeate and backpulse pump and associated valves; control panel with GE Fanuc PLC and HMI interface mounted on an epoxy coated carbon steel frame, membrane tanks, blowers, air compressor, membrane integrity test (MIT)



ZENON Membrane Solutions
Oakville, Ontario, Canada
+1-905-465-3030
www.gewater.com

Global Headquarters
Trevose, PA
+1-215-355-3300

Europe/Middle East/Africa
Tatabanya, Hungary
+36-34-512-520

Asia/Pacific
Singapore
+65-6268-4366

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CAT-ZBOXL-EN 1206 NA/EMEA