

# Z-BOX\* M Packaged Plants

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

## Benefits

- ZeeWeed\* 500 ultrafiltration reinforced membrane effectively blocks particles, bacteria, viruses and cysts from water supplies
- Can treat any water source without clarification
- PLC-control provides cost-effective operation and maintenance
- Easy-to-install system with only 5 tie points
- Pretreatment for RO membranes
- Turbidity, TOC, manganese, iron and arsenic removal and tertiary treatment
- 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
- Air Compressor
- Treated and feedwater turbidimeter and particle counters
- Membrane Integrity Test (MIT)
- Allen Bradley PLC
- Disinfection
- Shelf spares
- ZenoTrac\* process tracking system



Model	Height	Length	Width	Max. Flow MGD (m <sup>3</sup> /d)
Z-BOX M12	7'10" (2.39m)	10" (3.05m)	4'2" (1.27m)	0.087 (329)
Z-BOX M26	8'8" (2.64m)	13'8" (4.17m)	5'6" (1.68m)	0.175 (662)
Z-BOX M52	8'8" (2.64m)	16'2" (4.93m)	7'2" (2.18m)	0.350 (1,325)

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

### Base System

Permeate and backpulse pump and associated valves; polyethylene backpulse tank; stainless steel membrane tank; membrane air scour blowers; and control panel with GE Fanuc PLC and HMI interface mounted on a stainless steel equipment frame



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