

V1-Series Reverse Osmosis Systems

AXEON V1-Series Reverse Osmosis (RO) Systems are designed and manufactured for commercial and light industrial applications. These systems have been engineered for capacities ranging from 500 – 2,000 gallons per day and for municipal and well water supplies.

Benefits

- Expandable and Lightweight Design
- Decreased Size of Dimensional Footprint
- Integrated Pre-Filtration
- Lightweight and Non-Corrosive Aluminum Frame
- CE Compliant
- 1-Year Limited Warranty
- Made in the U.S.A.
- Factory Tested and Preserved
- AXEON Components
- Numerous Options and Upgrades to Suit Most Applications
- Components Easily Accessible
- Pre-Plumbed, Wired and Assembled – Turn Key
- Individually Tested and Preserved



V1 – 3125

Wall Mount Reverse Osmosis System



Standard Features

- C22 Computer Controller
 - LED Display
 - Pre-Treatment Lockout
 - Tank Level Input
 - Low Pressure Monitoring and Alarm
 - TDS Monitoring
- AXEON Pre- Filter 0 – 100 psi Panel Mounted Glycerin Filled Gauges
- AXEON Pump and Concentrate 0 – 150 psi Panel Mounted Glycerin Filled Gauges
- AXEON Permeate, Concentrate and Recycle Concentrate Flow Meters

AXEON V1-Series Reverse Osmosis Systems

| Model | Production (GPD) | Element Size | Element Qty | Vessel Qty | Membranes Per Vessel | Vessel Array Staging | Motor HP |
|--------------|------------------|--------------|-------------|------------|----------------------|----------------------|----------|
| V1 – 21-2521 | 500 | 2.5" x 21" | 2 | 2 | 1 | 1:1 | 1/2 |
| V1 – 31-2521 | 1000 | 2.5" x 21" | 3 | 3 | 1 | 1:1:1 | 3/4 |
| V1 – 21-2540 | 1500 | 2.5" x 40" | 2 | 2 | 1 | 1:1 | 3/4 |
| V1 – 31-2540 | 2000 | 2.5" x 40" | 3 | 3 | 1 | 1:1:1 | 3/4 |

| Model | Connections | | | Dimensions | | | Weight – Dry (lbs.) |
|--------------|-------------|-----------------|--------------------|------------|-------|--------|---------------------|
| | Feed (FNPT) | Permeate (TUBE) | Concentrate (TUBE) | Depth | Width | Height | |
| V1 – 21-2521 | 1/2" | 3/8" | 3/8" | 14" | 26" | 26" | 105 |
| V1 – 31-2521 | 1/2" | 3/8" | 3/8" | 14" | 26" | 26" | 110 |
| V1 – 21-2540 | 1/2" | 3/8" | 3/8" | 14" | 26" | 45" | 120 |
| V1 – 31-2540 | 1/2" | 3/8" | 3/8" | 14" | 26" | 45" | 130 |

Engineered Membrane Solutions