

Vapor Compression Distillers

Purify your water by distillation. These water purification systems provide from 800 up to 6,000 gallons per day of quality distilled water, removing up to 99.9% of possible contaminants. Created for optimal operating efficiency with little energy use, our VC Distillers generate far less wastewater than alternative distilling equipment. ABE prides itself in making the finest quality commercial water distillers in the world.

VC Distilling Systems

VC800: Produce up to 800 GPD

H: 66", L: 39", W: 34", Wt: 1,560 lbs

VC1500: Produce up to 1,500 GPD

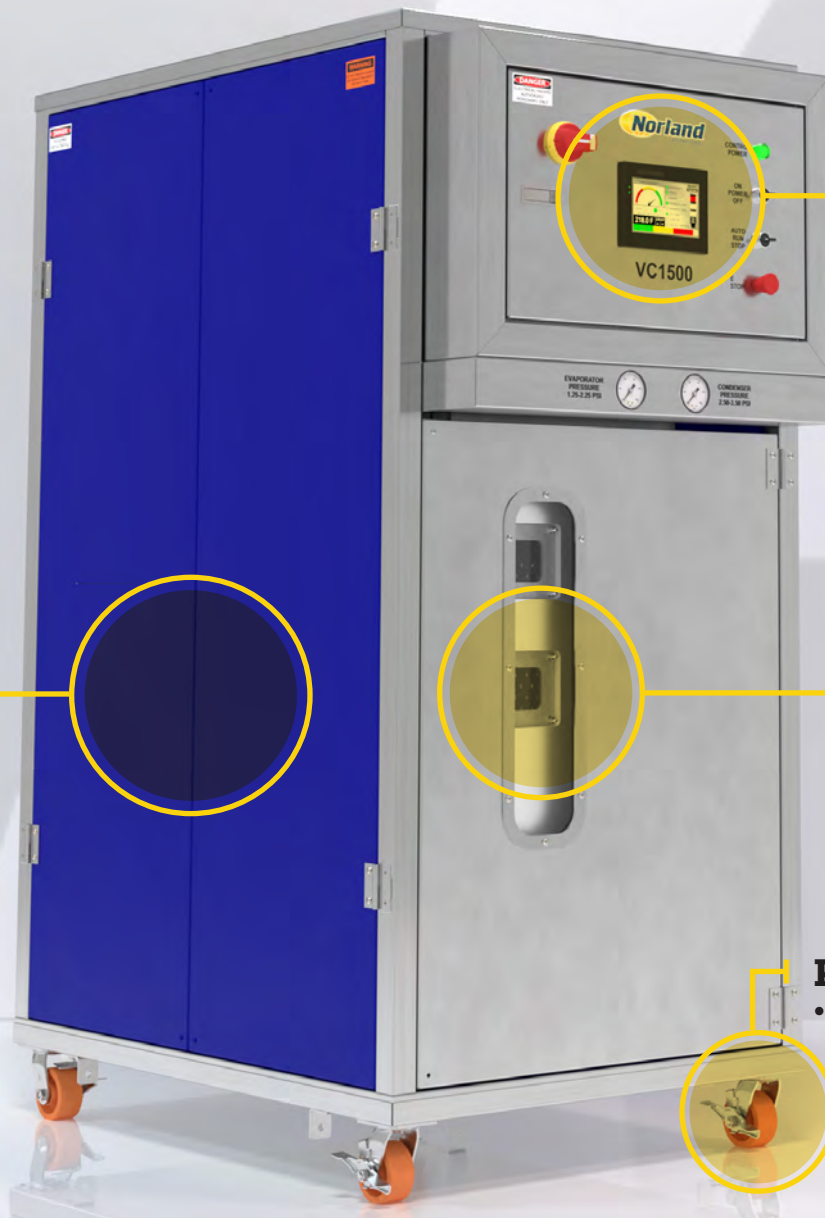
H: 82", L: 51", W: 38", Wt: 1,700 lbs

VC3000: Produce up to 3,000 GPD

H: 82", L: 72", W: 38", Wt: 3,000 lbs

VC6000: Produce up to 6,000 GPD

H: 87", L: 90", W: 66", Wt: 8,000 lbs



PLC Control Panel

- And solid state controls
- TDS detection

Boiling Chamber

- Removable exterior panels
- Removable exterior plates for easy access
- Pyrex sight glass

Portable & Compact

- Casters for added mobility

Heat Exchanger

- Submerged tube and shell heat exchanger
- Quick and easy servicing
- Sturdy one-piece aluminum rotor

Water Treatment

Reverse Osmosis

Designed to fit the needs of your business, ABE provides complete Reverse Osmosis solutions, including the addition of special pre-treatment, UV systems, and other options to ensure proper function on the system. Ultra-filters and other specialized units are available.

Spring/Well Water Treatment

ABE can design a water treatment system to fit your exact needs best. The Spring/Well Water Pretreatment System (SWPT) is uniquely designed to remove and reduce particles and biological contaminants commonly found in groundwater using media filtration, ultra-fine filters, and UV treatment.

Ozone Systems

ABE Ozone Systems are complete frame-mounted modules explicitly designed for high-quality bottled water operations. They can produce enough ozone to treat up to 90 gallons per minute (larger systems available upon request). These compact systems are designed to keep residual ozone levels from 0.1- 0.4 ppm (parts per million).

UV Water Treatment

These stainless steel systems utilize UV radiation with no chemical residue or side effects.

Media Filters

ABE can adequately size and supply other media types to help reduce or eliminate other contaminants such as iron, manganese and hydrogen sulfide. Media filters are sized to remove particulate matter down to 5 - 10 microns using Granular Zeolite Filter Media.

Carbon Filters

ABE can adequately size and supply unique Catalytic Carbon Media for chlorine, sediment or other particles, volatile organic compounds (VOCs), taste, and odor, along with many other waterborne contaminants.

Water Softeners

ABE can adequately size and supply standard single or dual Tank Softener Systems depending upon final requirements. We use dual-tank automatic alternating softener systems to provide a continuous supply of soft water to distilled or RO water treatment systems.

Water Storage Tanks

ABE storage tanks range from 550 - 4,400 gallons and are made from food-grade polyethylene and are complete with 0.2-micron air filters and carbon ozone outgas filters. ABE's 304 stainless steel tanks are also available for mixing and carbonation purposes.



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