

*Aero manufactures the first line of truly industrial bottled-water coolers.  
Made of 316 stainless steel, all are designed specifically for corrosive, dusty, hot, humid, and,  
when necessary, hazardous (explosive) locations.*

- **To resist corrosion and damage, all cabinets made with 18-gauge stainless-steel (type 316)**
- **Anti-corrosion coating baked onto all condensers and tubing**
- **Full rated cooling capacity up to 131°F (55°C) — not just up to the normal 95°F (35°C) — without modification or electronic controls**
- **Mechanical controls only — eliminates vulnerability of electronics and their high cost to repair**
- **All controls protected in NEMA 4 (IP65) or NEMA 4/7/9 enclosure. All complete units also meet the NEMA 4 or NEMA 4/7/9 standards**
- **Units have extra-large condensers to provide cooling at high altitudes and at high ambient temperatures**
- **Corrosion-resistant valve for filling cups from an extra-large reserve of cold water**
- **All units available modified for hazardous locations (“explosion-proof”) — Divisions/Zones 1 or 2**
- **Energy efficient at high ambient temperatures and under other harsh conditions, as well as at temperatures below 95°F (35°C)**
- **Accepts all standard-sized bottles**
- **Maintenance facilitated by refrigerant access valves and filter-dryer**
- **ADA compliant**
- **115/60/1 or 220-240/50-60/1**



***IF YOUR BOTTLED-WATER COOLER MUST WORK, WE HAVE UNITS WAITING FOR YOU***

*These coolers are not simply ordinary coolers modified for industrial conditions—we build them from scratch to last!*

## Frequent Users of Aero Industrial Coolers in Tough Applications That Require Cold, Safe Drinking Water, Especially If Conditions Are Harsh or Hazardous:

- Airplane Hangers
- Alcohol Extract Plants
- Cement and Lime Plants
- Chemical and Gas Plants
- Coal and Coke Plants
- Corn-Alcohol Refineries
- Dry-Cleaners and Dyers
- Explosives and Munitions
- Manufacturers
- Fertilizer Plants
- Flour and Feed Mills
- Fragrance and Extract Plants
- Fuel Barges and Loading Docks
- Fuel Storage and Handlers
- Grain Elevators
- Guard Buildings
- Hazardous-Goods
- Storage Facilities
- Hospitals
- Laboratories
- Land Fills
- Recycling Plants
- Mining
- Munitions Handling and Storage
- Nuclear Power Plants
- Offshore Oil-Drilling
- Platforms
- Oil Refineries
- Painting and Solvents
- Paper Manufacturing
- Pharmaceutical Plants
- Refueling/Loading Facilities
- Ships, Civilian and Military
- Soybean Processors
- Tankers
- Textile Plants
- Vehicle Air-Bag Makers
- Waste-Treatment and
- Sewer Plants

## Hazardous (Explosive) Locations:

When specified, Aero makes units suitable for hazardous-duty (“explosion-proof” or “flame-proof”) conditions.

We use UL-recognized hazardous-duty compressors appropriate for the classification of the area.

Aero offers bottled-water coolers suitable for use in areas classified as any of the following types of locations:

NEC Classes I, II, or III, Groups B, C, D, E, F or G, and Division/Zone 2 or 1 and IEC Classes I, IIA, IIB, and

IIC Zones 1 and 2. The units will also be temperature-coded T3B.

Aero seals the coolers in the factory for fast and easy installation, and they retain the same corrosion resistance and other harsh-duty features as Aero's standard coolers.

## Specifications:

**Cabinet:** All corrosion-resistant stainless steel type-316, inside and outside including interior shelves, mountings and drip basin. Satin finish on all exterior surfaces for an attractive and easily-cleaned lustrous appearance. Bottle-support ring made of durable and corrosion-resistant polypropylene.

**Controls:** Protected from environment by installation inside NEMA 4 (IP65) or NEMA 4/7/9 enclosure.

**Valves:** Self-closing, no-drip. Made from durable and corrosion-resistant polypropylene.

**Cold Water Reservoir:** Flat-bottom stainless steel basin with approximately 2-1/2 quarts (2.4 liters) useable capacity and polypropylene fittings.

Corrosion-protected copper evaporator coil is wrapped around reservoir, insulated with closed-cell elastomer.

**Corrosion Protection:** Capillary tube, sight glass, filter-dryer, two access valves and all other metal tubing protected with either a special epoxy coating (e-coat) with near-zero porosity applied electrostatically and baked or with Dupont Corlar enamel to protect them from acidic and caustic corrosion.

**Condenser:** Triple layer, sized for high ambient temperatures and high altitudes, and protected against acidic and other corrosion with a special epoxy coating (e-coat) with near-zero porosity applied electrostatically and baked.

**Compressor:** Andover Protection Systems' Model EEG (for 115/60/1) or APS Model EEJ (220-240/50-60/1).

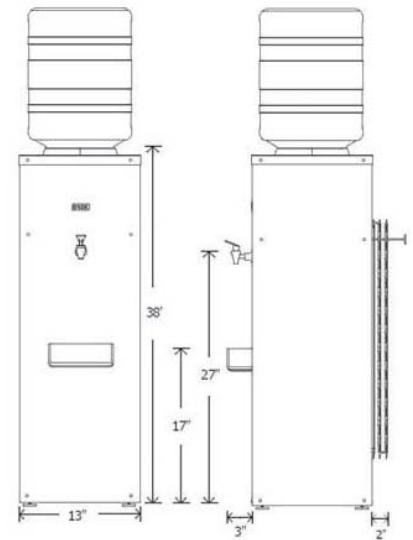
These compressors are specifically designed for and recognized by UL (Underwriters Laboratories) for use in hazardous (“explosive”) areas, even those requiring explosion-proof or flame-proof equipment.

**Rated Capacity** - At water and air temperature of 131° F (55°C)— lower 1/2 gallon per hour of water from 131°F (55°C) to 50°F (10°C) — Note: 131°F water will scald skin; therefore, chiller must lower the water 81°F (27°C) degrees to reach the standard chilled-water temperature of 50°F (10°C).

**Capacity at ARI standard conditions** - At water and air temperature of 90°F (32.2°C)—lower 0.9 gallons per hour of water from 90°F (32.2°C) to 50°F (10°C) — (produce 50% more cold water than standard units).

**A.D.A.:** Overall, the coolers comply with the requirements of the ADA specification 4.15.2-4

**Shipping Dimensions:** Approximately 73 lbs. and 8.6 cubic feet.



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