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!*

63 Flushing Avenue, Unit 236, Brooklyn, NY 11205, USA    Tel: (718) 522-0500    Fax: (718) 522-0511 www.AeroConditioner.com
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
- Landfills
- Recycling Plants
- Mining
- Munitions Handling
- 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, II, 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 hard-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.

Distributed By:

Aero Conditioner Company, LLC
63 Flushing Avenue, Unit 5-236
Brooklyn, NY 11205 USA
Tel: (718) 643-5151
Fax: (718) 643-9601
www.AeroConditioner.com
Marketing@AeroConditioner.com

Aero Conditioner LLC
makes all its equipment in the United States of America