These Are Standard Features, Not Options:

- To resist corrosion and damage, all cabinets made with 18-gauge stainless-steel (type 316L)
- 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
Frequent Users of DMC 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 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
- Tankers
- Textile Plants
- Vehicle Air-Bag Makers
- Waste-Treatment and Sewer Plants

Hazardous (Explosive) Locations:

When specified, DMC 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.

DMC 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.

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

Specifications:

Cabinet: All corrosion-resistant stainless steel type-316L, 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.


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.

Capacity:

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.

Durable Machinery Company, LLC makes all its equipment in the United States of America

Distributed by:

Durable Machinery Company, LLC
63 Flushing Avenue
Brooklyn, New York 11205 U.S.A
Tel: (718) 643-5151
Fax: (718) 643-9601
www.DurableMachinery.com
Marketing@DurableMachinery.com

Cage Code: 4KM75

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