

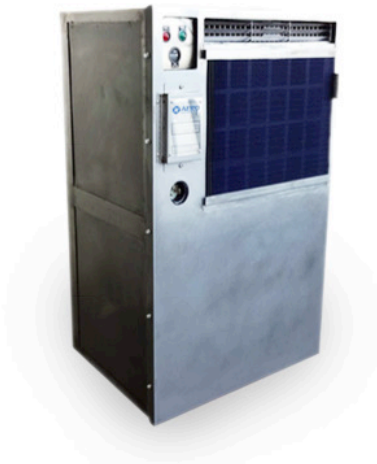


**AERO**  
CONDITIONER COMPANY, LLC.

*Air Conditioners and Drinking Water for  
Extreme Industrial and Military Conditions,  
and Air-Cleaning Blowers™ for Everybody*

## Harsh-Duty Industrial Air Conditioners

*Rugged Through-the-Wall, Split, Roof-Mount and Vertical Units Engineered  
for Long Life in Industrial, Marine and Military Conditions*



### Tough Standards from Aero:

- To resist corrosion, all cabinets made of stainless-steel (type 304 or 316) – up to 12 gauge
- Mechanical controls to eliminate vulnerability of electronics and their high costs and delays to repair
- Prevent clogging of condensers and evaporators by spacing their fins widely apart to allow dust and sand to pass through
- Corrosion protection on every condenser and evaporator provided by electrostatically-applied and baked- on epoxy (e-coating)
- Full cooling capacity rated at 131°F (55°C) – not just up to the normal 95°F (35°C) – and down to 32°F (0°C) without modification or electronic controls provided by low-maintenance patented design (down to -40°F/C as an option)
- Energy efficiency and reduced noise provided by heavy-duty backwardly-inclined corrosion-resistant blower wheels
- Controls protected from gases, particles and liquids inside IP66/NEMA 4X boxes
- Units meet NEMA 4X and IP56 standards (and when necessary, NEMA 7)
- Maintenance facilitated by easily-removed insert on slide-in tray, high and low-pressure cutouts, head-pressure controls, redundant refrigerant access valves, and receivers
- Six configurations available: Through-the-Wall (Window), Ductless-Split, Mobile, Roof-Mount, Interior, and Vertical
- Dry contacts (24 Volts or intrinsically-safe current) to allow mounting thermostat anywhere

These air conditioners are not simply ordinary commercial models modified for industrial conditions  
– We build them from scratch to last

## Additional Options

- Built-in 5KW or 10KW corrosion-resistant incoloy tubular electric heaters (do not change overall dimensions), for ordinary and hazardous environments
- Most electrical configurations, 60HZ or 50HZ
- Adaptation for vibration and other movements for use on vehicles (cranes, workboats, mining equipment, locomotives and military vehicles) and other applications with vibration or other types of movement.
- Powder-coat painting for military or other special applications.
- Mount mechanical thermostat with stainless steel sensors and other switches on air conditioner instead of standard dry contacts
- Through-the-Wall(Window), Split and Roof-Mount models all made with the same capacities and to the same harsh-duty standards, even if "explosion proof"
- Thermostat isolated so that only authorized personnel can access and adjust it.
- Units can be made suitable for hazardous (explosive) locations classified as Class I Groups B, C, or D, Class II Groups E, F, or G, or Class III, Divisions/Zones 1 or 2, and equivalent IECEx / ATEX conditions.
- Hazardous-duty ("explosion-proof" and "flame-proof") units comply with the T4 or T3B temperature standard (even with optional incoloy tubular heating elements included) and the AMCA C anti-spark standard.
- Heavy-duty scroll compressors standard on all models.

## Who Needs Our Harsh-Duty Industrial Air Conditioners?

- Alcohol and Extract Plants
- Bakeries and Grain Elevators
- Barges and Ships
- Cement and Lime Plants
- Chemical and Gas Plants
- Coal and Coke Plants
- Corn Processing Plants
- Cranes, Draglines, and Payloaders
- Distilleries and Breweries
- Explosives and Munitions Manufacturers
- Guard Booths and Towers
- Dry-cleaning and Dyeing Plants
- Electric and Steam Plants
- Fertilizer Plants
- Grain Elevators
- Hospitals
- Laboratories
- Locomotives
- Land Fills and Recycling Plants
- Marine Facilities, Onshore and Offshore
- Military Vehicles
- Mines and Mining Equipment
- Munitions Storage
- Nuclear Power Plants
- Offshore Oil Terminals and Platforms
- Oil Refineries and Petrochemical Plants
- Paint Booths
- Paper, Pulp and Plywood Plants
- Ship Yards and Dry Docks
- Ships, Civilian and Military
- Steel and Aluminum Mills and Foundries
- Toll Booths and Tunnels
- Tunneling Equipment
- Waste-Treatment and Sewer Plants

*If your local retailers or refrigeration distributors do not have the units you need in stock, have them contact our plant or contact us yourself.*



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**Aero Conditioner Company, LLC**  
*makes all its equipment in the U.S.A*

Distributed By:

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