

**HIGH CAPACITY,
LOW TEMPERATURE
DEHUMIDIFIERS
FOR INDUSTRY,
INSTITUTIONS,
RENTALS, AND
HOMES**



**CD425
DEHUMIDIFIER**

Applications:

The Ebac CD425 was developed to serve the demands of industry for environmental control of very large areas as well as areas with severe conditions. Warehouses, factories, offices and other large-scale facilities with ambient temperatures ranging from 33°F to over 100°F can be cured of humidity and condensation problems efficiently and automatically without over burdening costly heating, cooling and ventilating systems. The CD425 can be utilized singly or in multiple units to provide protection on any scale. Ducted applications are possible where design requirements specify.

Features:

- 1) Welded steel chassis with baked epoxy and vinyl coatings for abrasion and corrosion resistance.
- 2) An adjustable humidistat, to control the level of dryness desired.
- 3) System lamps to report the operating status of the unit.
- 4) Ebac's "Hot Gas" defrosting feature to allow continuous operation at low ambient temperatures, down to 33°F.
- 5) Ductability.
- 6) Rugged design for harsh industrial environment.

Options:

- 1) 460 V Power Supply (8 Amp.)
- 2) Internal Condensate Pump
- 3) Low Temperature Operation, Down to 0°F.

Specifications:

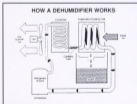
Model: CD425	Volts: 208/230 V, 60 HZ, 3 phase
Horsepower: 4	Amps: 16
Refrigerant: R-22	Capacity: 285 pts. (80°F, 60% RH)
Fan: 1 HP	Height: 47", Width: 43", Depth: 19"
CFM: 1750	Weight: 353 lbs.

Performance:

The Ebac CD425 dehumidifier is a "stand-alone" unit that can handle the extra load encountered in the typically humid industrial setting. Under maximum conditions, the CD425 will condense and remove over 50 gallons of water vapor per day - day after day. With "Hot Gas" defrosting, this workhorse can function smoothly in a cold, wet location without the limitations of frost buildup.

Operation:

The effective answer to excessive humidity is a refrigeration-type dehumidifier. Warm moist air is drawn by a fan across a cold coil which causes the water vapor to condense onto the coil and drop into a container or tray. The cold air is then passed over a heat exchanger where it is warmed before being passed back into the surrounding area. A dehumidifier that has a humidistat which automatically switches it on and off saves energy and expense by maintaining the desired level of humidity with intermittent operation.



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