

**A FULL RANGE OF
HIGH CAPACITY,
LOW TEMPERATURE
DEHUMIDIFIERS
FOR INDUSTRY,
INSTITUTIONS,
RENTALS AND HOMES**



CD100 DEHUMIDIFIER

Applications:

The Ebac CD100 is a versatile workhorse designed to eliminate high humidity problems in harsh environments. Warehouses, storerooms, electrical and communications switching stations, locker rooms, basements, pumping stations, offshore oil rigs and active and laid-up marine vessels have all found this rugged unit to be equal to the task. The impressive CD100 can be easily moved from site to site or can be permanently mounted and ducted to suit a variety of applications.

Features:

- 1) A rugged epoxy-coated, steel chassis.
- 2) A "floating" compressor for vibration and mobility protection.
- 3) An adjustable humidistat, to control the level of dryness desired.
- 4) System lamps to tell the operating status of the unit at a glance.
- 5) Ebac's unique "Hot Gas" defrosting system, for effective operation at low ambient temperatures.
- 6) Standard 115v power requirement for operation in any location.

Options:

- 1) Internal condensate pump.
- 2) Low temperature operation, down to 0°F.
- 3) Ground Fault Interruptor.

Specifications:

Model: CD100
Horsepower: 1
Refrigerant: R-22
Fan: 1/4 HP
CFM: 700

Volts: 115
Amps: 16
Capacity: 93.1 lbs. per day (80°F, 60% RH)
Height: 16", Width: 36", Depth: 20"
Weight: 135 lbs.

Performance:

Because of Ebac's unique "Hot Gas" defrosting feature, the Ebac CD100 will function smoothly in temperatures down to 33°F without frost build-up. Designed to survive under adverse conditions and to deliver the goods, this unit will efficiently remove more than seventy pints of airborne water vapor per day under standard conditions (80°F, 60% RH), and will exceed 21 gallons per day under the extreme conditions found in problem environments.

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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