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Model Number: CD100

Ebac CD100 Industrial Dehumidifier 97 Pint 700 CFM 115V Restoration Dehumidifier

Manufacturer: Ebac

Ebac CD100 Industrial Restoration Dehumidifier – 97 Pint, 700 CFM, 115 Volt
The Ebac CD100 is a rugged commercial and industrial dehumidifier built for warehouses, storage rooms, basements, pump rooms, locker rooms, marine environments, electrical rooms, and restoration drying jobs where dependable moisture control is required.

Designed with a heavy-duty steel chassis, adjustable humidistat, continuous gravity drain, and automatic reverse-cycle / hot-gas defrost, the CD100 is made to operate in demanding environments where standard residential dehumidifiers will not survive.

Key Benefits

- Removes up to 97 pints per day at AHAM conditions, 80°F / 60% RH
- High airflow: 700 CFM for fast air movement across large areas
- 115 volt operation plugs into standard power
- Automatic defrost helps prevent coil freeze-up in low-temperature spaces
- Rugged steel cabinet for industrial and restoration use
- Adjustable humidistat lets you control the desired dryness level
- Continuous drain capable for unattended operation
- Portable or mountable for jobsite, warehouse, or permanent installation use

Common Applications

- Water damage restoration and structural drying
- Warehouses and inventory storage areas
- Basements and crawl spaces
- Locker rooms, gyms, and pump rooms
- Electrical and communications rooms
- Marine vessels, offshore equipment rooms, and laid-up boats
- Manufacturing, maintenance, and industrial humidity control

Why Choose the Ebac CD100?

Excess humidity can cause mold growth, corrosion, odor, swollen materials, damaged inventory, and electrical component problems. The CD100 is designed to pull moisture from the air continuously and help protect buildings, equipment, and stored goods from humidity-related damage.

Unlike light-duty home dehumidifiers, the CD100 is built for commercial environments. Its large airflow, steel frame, hot-gas defrost system, and simple mechanical controls make it a dependable choice for contractors and facility managers.

Specifications

Model
Ebac CD100

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Moisture Removal

97 pints per day at 80°F / 60% RH

Maximum Removal

Up to approximately 20–21 gallons per day in extreme high-humidity conditions

Airflow

700 CFM

Voltage

115 Volt, 60 Hz, Single Phase

Amps

Verify current production data plate; older listings show 8.5 running amps, newer listings commonly show up to 16 amps max

Operating Temperature

Down to approximately 33°F with automatic defrost

Refrigerant

Verify data plate before ordering parts; older units may differ from current R-407C listings

Compressor

Reciprocating

Dimensions

36" W x 20" D x 16" H

Weight

Approximately 135 lbs.

Drain

Continuous gravity drain hose connection

Buyer Notes

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- This is a commercial-grade dehumidifier and is not intended to collect water in a small household bucket.
- Unit must be positioned so the drain hose can flow downhill unless an optional condensate pump is used.
- Always verify voltage, amperage, refrigerant, and serial number data plate before ordering replacement parts.
- For best drying performance, keep doors/windows closed and use air movers to circulate moisture-laden air toward the dehumidifier.

Frequently Asked Questions

Q: Is the Ebac CD100 a restoration dehumidifier?

A: Yes. The CD100 is commonly used for restoration drying, basements, warehouses, storage rooms, and industrial humidity control.

Q: Does this unit use a drain hose?

A: Yes. The CD100 is designed for continuous gravity drainage. A condensate pump may be needed if water must be pumped uphill or to a distant drain.

Q: Can it run in cooler spaces?

A: Yes. The automatic hot-gas / reverse-cycle defrost system allows operation in cooler environments down to approximately 33°F.

Q: Is this better than a residential dehumidifier?

A: For commercial, restoration, storage, and industrial use, yes. The CD100 offers heavier construction, higher airflow, larger moisture removal capacity, and continuous-duty operation.

Q: Can it be permanently installed?

A: Yes. The CD100 may be used as a portable jobsite unit or installed for long-term humidity control when properly drained and powered.

Ebac CD100 commercial industrial dehumidifier removes 97 pints per day with 700 CFM airflow, 115V power, automatic defrost, humidistat, and continuous drain for restoration, warehouses, basements, and storage areas.

Ebac Industrial Restoration Dehumidifier CD100

Because of Ebac's unique "Hot Gas" defrosting feature, the Ebac CD100 will function smoothly in temperatures down to 33F degrees without frost build up. Designed to survive under adverse conditions and to deliver the goods. This unit will efficiently remove more than ninety seven 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. The Ebac CD100 is a versatile workhorse designed to eliminate high humidity problems in harsh environments. Warehouses, storerooms, electrical & 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.

Compressor: Reciprocating

EER: 10.8

Refrigerant: R-22

BTU/HR: 12,000

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Operating Range: 33F - 105F
Volts: 115
Running Amps: 8.5
Capacity: 97 ppd@AHAM 20 Gallons at saturation
CFM: 700
Height: 16in, Width: 36in, Depth: 20in
Weight: 135 lbs.

As a reminder, customers MUST be present to sign for shipments. Ebac is not liable for any damages or warranty claims that are brought to our attention after a customer has left a note telling the carrier that it is OK TO LEAVE a shipment at the customer's residence or delivery address without them being present. All shipments should be carefully inspected before accepting delivery to ensure item is delivered free of damage.

You can check current warehouse Ebac Dehumidifier [stock here](#)

Availability: This product was added to our catalog on Thursday 02 December, 2004