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Model Number: AD850E  
Ebac AD850E Room Dehumidifier  
  
Manufacturer: Ebac  
  
Ebac Industrial Restoration Dehumidifier AD850E

Part Number

1028020

AD850E

Height (inch)  
29.5

Width (inch)  
26.0

Depth (inch)  
13.5

Weight(lbs)  
86

Voltage  
110

Phase  
1

Frequency(Hz)  
60

Power(kW)

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0.88

Current(A)  
7

Airflow(cfm)  
294

Noise Level(dba)  
50

Effective Volume(ft3)  
8,369

Typical Extraction(ppd)  
56

Min Operating Temp (&deg;F)  
41

Max OperatingTemp (&deg;F)  
95

The latest in our line of rugged commercial dehumidifiers designed specifically for a wide range of applications. These units are attractive and quiet enough to be used in areas where people are engaged in leisure or office activities but powerful enough to remove even the most pervasive humidity problems. Typically used in offices, museums, hotels, restaurants, telecommunication and/or computer rooms, the AD 850 provides the moisture removal power of a heavy-duty industrial dehumidifier without looking like one.  
Includes wall mount brackets

Brochure

Wire Diagram

Parts List

Owners Manual

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#### Specifications:

Air-flow: 300cfm

Power Supply: 110V

Weight: 80lbs

Capacity: 87ppd at AHAM (80F, 60%RH), 20 gallons at saturation

Length: 26in, Height: 27 1/8in, Depth: 11in.

#### Product Overview

The Ebac AD850E Dehumidifier effectively combines style with performance. This high-efficiency dehumidifier removes up to 87 pints of moisture each day from damp to extremely wet environments. The Ebac AD850E also comes with two removable, washable air filters, an internal condensate pump, low-temperature capability, two powerful fan speeds, and more.

In addition to these performance features, the streamlined design and neutral color of the AD850E complement any decor. The digital display and soft-touch controls allow you to quickly and easily program settings for it. Plus, the Ebac AD850E offers flexible installation options.

#### Mighty Moisture Removal

The Ebac AD850E controls the relative humidity of your spaces up to 1,700 square feet by drawing wet, uncomfortable air into the unit and condensing the excess moisture as it passes over the cooling elements. Then, the dried air passes through a final heat exchange where it is slightly warmed and re-distributed throughout your environment. \* Meanwhile, the excess moisture is automatically pumped out of the Ebac AD850E using the convenient built-in condensate pump and can be directed into a fixed drain using an external condensate hose (not included).

This Ebac dehumidifier also comes with an internal humidistat that monitors the dehumidifier's performance. This allows the AD850E to automatically switch off and on to maintain your desired level of humidity and save on energy costs.

\*Although the air is slightly heated, the comfort of your room will not suffer because dry air makes your space feel cooler even at a slightly higher temperature.

#### Contemporary Design

This Ebac industrial dehumidifier was developed for use in a variety of settings, including those where decor is a factor such as indoor pool areas, spas, museums, schools, fitness rooms, and more. The neutral off-white color, rounded modern edges, and slim-profile body help this workhorse dehumidifier integrate into any environment without clashing with it.

The easy-to-use control panel makes adjusting the AD850E to your ideal humidity level decidedly simple. The soft-touch controls allow you to toggle between the dehumidifier's two fan speeds, as well as adjust settings to achieve your ideal relative humidity. Plus, the digital display is perfect for precise programming.

#### Additional Features

In addition to its stylish body and commercial-grade water removal, the Ebac AD850E dehumidifier also comes with these great features:

**Versatile Installation Options:** This Ebac dehumidifier can be wall-mounted or freestanding to suit your installation needs.

**Superior Air Filtration:** To add another layer of protection to your indoor air and to

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safeguard the dehumidifier's internal components from harmful airborne particles, the AD850E comes with two removable, washable air filters.

**Low-Temperature Operation:** This high-capacity dehumidifier can operate in temperatures as low as 41 degrees F.

**Quiet Water Removal:** The Ebac AD850E runs at a quiet 50 dBA.

**Energy-Efficient:** Drawing only 7.9 amps of electricity, this Ebac dehumidifier will help you save valuable energy dollars.

## Summary

The Ebac AD850E is an attractive and streamline industrial dehumidifier that is ideal for a variety of commercial spaces and even indoor pool and spa areas.

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.

## Application

The EIPL AD850E dehumidifier is an ideal solution for humidity control in a wide variety of applications including offices, apartments, stores, restaurants, bars, salons, museums, storerooms, computer and telecommunications rooms, garages, cellars and animal enclosures. Its also great for spa rooms in homes or hotels / motels.

## Key Design Features

Streamlined modern design to blend in with different decors and environments, Cross flow blower style fan for quiet operation, Built in electronic humidistat allows accurate humidity readings, Two speed fan motor to adapt to environmental conditions for optimal performance, Electronic, temperature sensitive defrost to allow operation down to 41°F (5°C), Two removable washable air filters Integral condensate pump, High efficiency rotary compressor

## Operation

The effective answer to excessive humidity is a dehumidifier. Rated at 50 decibels, the AD850E is quiet enough to have in your home, yet strong enough to combat adverse moisture problems. The AD850E is a high capacity dehumidifier made to operate at high efficiencies by removing moisture from the air through the refrigeration process. The fan draws the moist air through the cold evaporator coil, which cools the air below its dew point. Moisture forms on the evaporator coil and is collected in the condensate tray, which is equipped with an internal condensate pump for easy removal of collected moisture. The cooled air then passes through the hot condenser coil where it is reheated using the same energy removed during the cooling phase, plus the additional heat generated by the compressor. The air is, therefore, discharged from the AD850E at a slightly higher temperature with a lower absolute humidity than that which entered. Continuous circulation of air through the AD850E gradually reduces the relative humidity within the area. Because the AD850E is equipped with an internal humidistat, it automatically switches on and off to save energy and expense by maintaining the desired level of humidity with intermittent operation.

You can check current warehouse Ebac Dehumidifier stock here

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*Availability: This product was added to our catalog on Monday 06 December, 2004*