AD850E DEHUMIDIFIER

SPECIFICATIONS

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Model No.	1028015 / 1028020
Height	29.5” (750mm)
Width	26.0” (660mm)
Depth	13.5” (345mm)
Weight	86 lbs (39kg)
Voltage	115 V
Phase	1
Frequency	60 Hz
Power	880 W
Airflow	294 CFM (500 m3/hr)
Noise Level	50 dba
Refrigerant	R22
Typical Extraction	95 ppd (45 l/24h)
Minimum Operating Temperature	41°F (5°C)
Maximum Operating Temperature	95°F (35°C)

FEATURES	AD850E	
Model No.	1028015	1028020
On/Off Control	✔	✔
Electronic Defrost Control	✔	✔
Refrigerant Type	R22	R22
Compressor Type	Rotary	Rotary
Fitted Mains Plug	✔	✔
Wall Mounting Bracket	✔	✔
Free Standing	✔	✔
Electronic Humidistat	✔	✔
Fan Speeds	2	2
Washable Air Filter	✔	✔
Condensate Pump	✘	✔
Directional Airflow Adjustable Louvers	✔	✔
Power On Indicator	✔	✔
Drying On Indicator	✔	✔
Digital Humidity Readout	✔	✔
Membrane Operating Control Panel	✔	✔

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 quite 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

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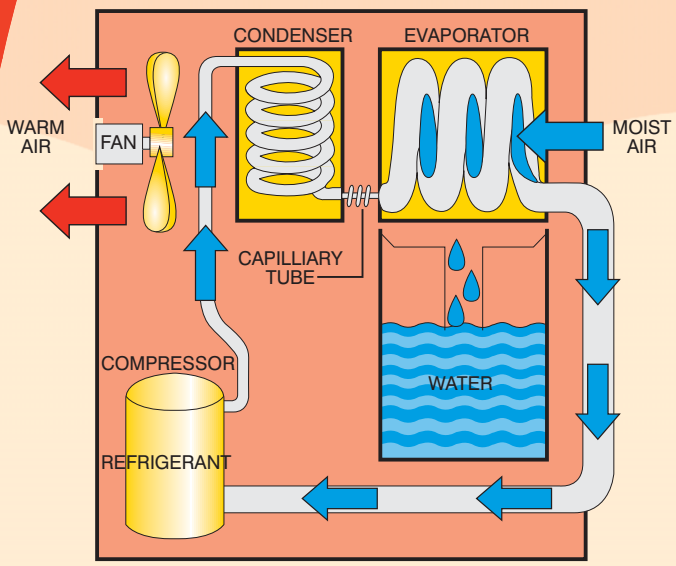
HOW A DEHUMIDIFIER WORKS

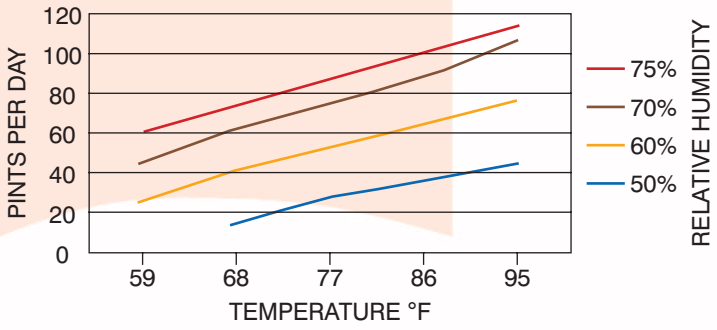


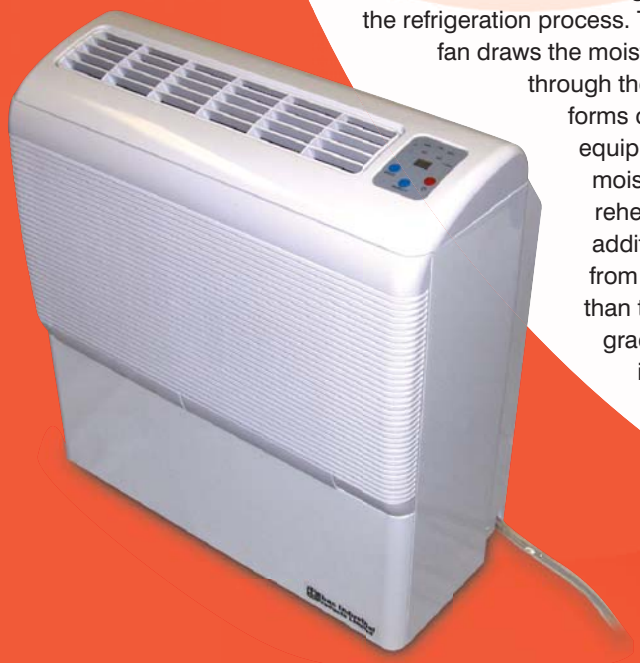
1. Air is drawn into the unit by a fan
2. Air passes over a cold surface
3. As the air is cooled, it's moisture condenses
4. Water falls into the container
5. Air is re-heated by the heat recovery system
6. Air passes back into room 2°C warmer and considerably dryer
7. Defrost system automatically de-ices unit as necessary
8. Unit switches off automatically when container is full
9. When the unit achieves the selected level of dryness it switches off automatically

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.

MOISTURE REMOVAL AD850E





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