



CD60 Dehumidifier

KEY DESIGN FEATURES



- Adjustable control humidistat to maintain the level of dryness
- A convenient drain point for condensate collection of hose attachment
- EIP's unique "Hot Gas" defrosting feature which automatically melts away frost buildup providing effective operation at low ambient temperatures
- Rugged, epoxy powder-coated steel chassis and housing.
- Hours run meter
- Simplicity of installation and operation with a standard 115V plug
- Extra long power cord.
- High capacity, fully automatic, condensate pump

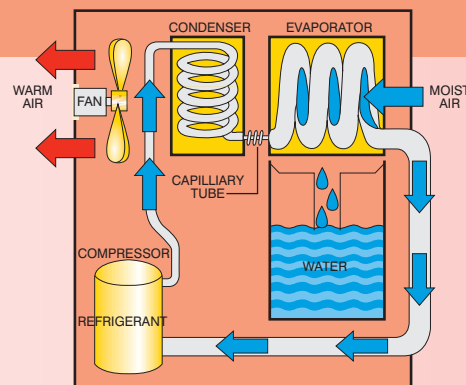
HIGH CAPACITY • LOW TEMPERATURE • INDUSTRIAL INSTITUTIONS • RENTALS

SPECIFICATIONS

SPECIFICATIONS		FEATURES	
CD60 11264FR-US		CD60 11264FR-US	
Height	17" (432mm)	On/Off Control	✓
Width	20" (514mm)	Electronic Defrost Control	✓
Depth	14" (356mm)	Adjustable Control Humidistat	✓
Weight	80 lbs (36kg)	Remote Humidistat	✓
Voltage V / P / Hz	110 / 1 / 60	Hot Gas Defrost	✓
Current	7A	Hours Run Meter	✓
Power	880W	High Capacity Condensate Pump	✓
Airflow	360cfm (608m3/hr)	Free Standing Adjustable Feet	✓
Noise Level	57dba	Fitted Mains Plug	✓
Refrigerant	R454c	Compressor Type	Rotary
Effective Volume	8,369 cu.ft (237m3)	Quick Disconnect Hose Coupling	✓
Typical Extraction	56 ppd	25' Length of PVC Tube	✓
Min Operating Temperature	33°F (1°C)	Epoxy Powder Coating	✓
Max Operating Temperature	95°F (35°C)		

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



APPLICATION

The EIPL CD60 commercial / industrial dehumidifier was designed to provide energy efficient humidity control in a wide range of applications including offices, laboratories, storage areas, restaurants, bars, museums, locker rooms, computer, telecommunication rooms and basements. It is a quiet, high efficiency, high capacity unit designed to suit your HVAC needs.

APPLICATIONS	CD60
Offices	✓
Laboratories	✓
Basements	✓
Storage Areas	✓
Restaurants	✓
Bars	✓
Museums	✓
Computer Rooms	✓
Locker Rooms	✓

PROVEN PERFORMANCE

The EIPL CD60 dehumidifier is a stand alone solution to your humidity problem. The unit is supplied with a pre-wired, remote humidistat, extra long power cord and long condensate tube. This preassembly makes the installation process simplistic, thereby reducing the overall installation and project cost. The high efficiency Rotary compressor ensures the maximum extraction with the lowest running costs. Fully adjustable feet ensure the unit can be leveled quickly and accurately.

THE PROBLEM

Excess humidity in your crawl space, warehouse, office, factory or shop results in corrosion, mold growth and rotting. Enormous costs are incurred every year through damage to inventory and through inflated building maintenance costs as a result of dampness. Even if your building seems dry during the day, at night when the temperature falls the humidity rises and the condensation process begins. The compact physical size and high performance, makes the CD60 the ideal choice for areas which require humidity control.

THE DEHUMIDIFIER

EIPL dehumidifiers are effective solutions to environmental control problems. The CD ranges of units are high capacity dehumidifiers, 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 dehumidifier at a slightly higher temperature with a lower

absolute humidity than that which entered. Continuous circulation of air through the dehumidifier gradually reduces the relative humidity within the area. Because the CD ranges of units are equipped with an internal humidistat, they automatically switch on and off to save energy and expense by maintaining the desired level of humidity with intermittent operation.

The additional features of the CD60 make the unit the ideal choice for installations where remote humidistat mounting is required. The high capacity condensate pump ensures the unit is capable of pumping water from basements or to higher drainage points.



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