CS60 DEHUMIDIFIER

SPECIFICATIONS

Specifications	CS60
Model No.	10264CS-US
Height	14” (355mm)
Width	14” (355mm)
Depth	20” (508mm)
Weight	63 lbs (28.5kg)
Voltage	110 V
Phase	1
Frequency	60 Hz
Current	7 A
Power	880W
Airflow	360cfm (608m3/hr)
Noise Level	57 dba
Refrigerant	R407C
Effective Volume	8,369 cu.ft (237m3)
Typical Extraction	56 ppd
Minimum Operating Temperature	33°F (1°C)
Maximum Operating Temperature	95°F (35°C)

Features	CS60
Model No.	10264CS-US
On/Off Control (Via Humidistat)	✔
Electronic Defrost Control	✔
Compressor Type	Rotary
Fitted Mains Plug	✔
Rubber Anti-Vibration Feet	✔
Internal Humidistat	✔
Adjustable Control Humidistat	✔
Hot Gas Defrost System	✔
Washable Air Filter	✔
½” Dia Drain Hose Connection	✔
Collapsible Carrying Handles	✔
10’ Length of PVC Drain Hose	✔
Epoxy Powder Coating	✔

APPLICATION

The EIPL CS60 commercial/industrial dehumidifier was designed to provide energy efficient humidity control in a wide range of applications including offices, laboratories, apartments, 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. The range of EIPL dehumidifiers are ideally suited to prevent condensation from forming on windows, walls and ceilings by removing excess moisture. They will also stop mold and mildew and eliminate rust and corrosion.

KEY DESIGN FEATURES

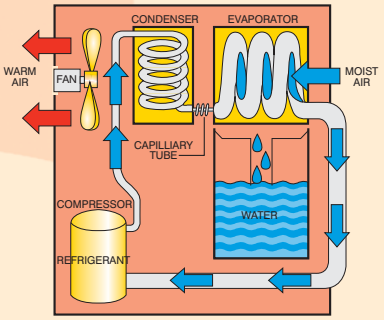
- Adjustable control humidistat to maintain the level of dryness.
- A convenient drain point for condensate collection and hose attachment.
- EIP’s unique “Hot Gas” defrosting feature which automatically melts away frost buildup providing effective operation at low ambient temperatures.
- Rugged, epoxy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

EIP INC

HIGH CAPACITY • COMPACT • LOW TEMPERATURE
INDUSTRIAL INSTITUTIONS • RENTALS • HOMES

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



Applications	CS60
Model No.	10264CS-US
Offices	✔
Laboratories	✔
Apartments	✔
Storage Areas	✔
Restaurants	✔

Applications	CS60
Model No.	10264CS-US
Bars	✔
Museums	✔
Locker Rooms	✔
Computer Rooms	✔
Basements	✔

PROVEN PERFORMANCE

The EIPL CS60 dehumidifier is a stand alone solution to your humidity problem. The unit is supplied with a pre-wired, internal humidistat, extra long power cord and external condensate connection point. 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. The rubber anti-vibration feet ensure any vibration is kept to a minimum and not transmitted to / from the unit.

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 CS60 the ideal choice for areas which require humidity control.

THE DEHUMIDIFIER

EIPL dehumidifiers are effective solutions to environmental control problems. The CS 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. 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 CS 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 small compact size of the CS60 make the unit the ideal choice for installations where access is limited i.e. crawl spaces etc.

EIP INC

EBAC CS-60 DEHUMIDIFIER