

# SPECIFICATIONS

Specifications	CD30	CD30E
Model No.	1133500	1139550
Height	12.0" (300mm)	12" (300mm)
Width	12.0" (304mm)	14" (350mm)
Depth	22.0" (550mm)	22" (550mm)
Weight	50 lbs (23kg)	55lbs (25kg)
Voltage	110 V	110V
Phase	1	1
Frequency	60 Hz	60 Hz
Current	4 A	5 A
Power	480W	510W
Airflow	170cfm (287m3/hr)	170cfm (287m3/hr)
Noise Level	47 dba	47 dba
Refrigerant	R134a	R134a
Effective Volume	3,000 cu.ft (85m3)	3,000 cu.ft (85m3)
Typical Extraction	17 ppd	17 ppd
Min Operating Temp	33°F (1°C)	33°F (1°C)
Max Operating Temp	95°F (35°C)	95°F (35°C)

Features	CD30	CD30E
Model No.	1133500	1139550
On/Off Control (Via The Humidistat)	✓	✓
Electronic Defrost Control	✓	✓
Temperature Sensitive Defrost	✓	✓
Compressor Type	Reciprocating	Reciprocating
Fitted Mains Plug	✓	✓
Free Standing (Rubber Feet)	✓	✓
Wall Mounting Bracket (✓ = Inc, O = Optional)	O	✓
Adjustable Control Humidistat	✓	✓
Hot Gas Defrost System	✓	✓
Hours Run Meter	-	✓
Voltage Free Remote Alarm Connector	-	✓
Carrying Handles	✓	✓
Power On Indicator	-	✓
Concealed Humidistat (Alarm & Control)	-	✓
Adjustable Alarm Humidistat	-	✓
Epoxy Powder Coating	✓	✓
Gravity Drain (1/2" O/D)	✓	✓

## APPLICATION

The EIPL CD30 and CD30E units are no-nonsense, heavy-duty, portable dehumidifiers which are at home in hostile industrial or marine environments. Both models are ideal for both permanent installation in remote pump stations, pipe galleries, electronic and mechanical equipment areas or for quick transport between job sites and problem areas.

You can rely on this durable unit to perform faithfully without complicated maintenance or costly downtime.

## 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
- Sturdy military-type carrying handles
- Totally enclosed coils in an epoxy-coated, heavy gauge steel case

## CD30E - ADDITIONAL FEATURES

- Adjustable Alarm Humidistat and "voltage free" connector
- Power On Indicator
- Hours Run Meter provides accurate run time measuring
- Supplied Complete with wall mounting bracket



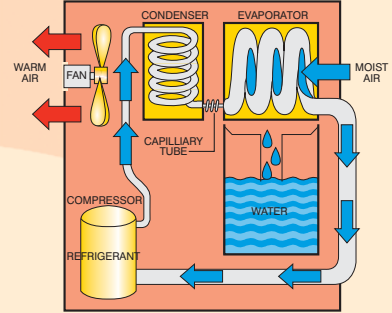
# CD30 & CD30E DEHUMIDIFIER



**HIGH CAPACITY • LOW TEMPERATURE  
INDUSTRIAL INSTITUTIONS • RENTALS • CRAWL SPACES**

# 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	CD30	CD30E
Model No.	1133500	1139550
Crawl Spaces	✓	-
Warehouse	✓	✓
Basements	✓	✓
Factories	✓	✓
Water Damage Restoration	✓	-
Sports Halls	✓	-
Storage Areas	✓	✓
Laboratories	✓	✓

Applications	CD30	CD30E
Model No.	1133500	1139550
Oil Rigs	✓	✓
Agriculture	✓	-
Kitchens	✓	-
Pumping Stations	✓	✓
Hotel / Motel	✓	-
Stadiums	✓	✓
Ships / Barges	✓	-

## PROVEN PERFORMANCE

Under the operating conditions of 80°F and 60% Relative Humidity (AHAM standard, baseline used to compare the performance of industrial dehumidifiers), the CD30 / CD30E units will remove more than 17 pints of harmful water vapor each day, additionally, nearly 4 gallons per day can be efficiently removed in an extreme environment.

The CD30 / CD30E units are definitely not “another pretty face” but tough, self sufficient performers

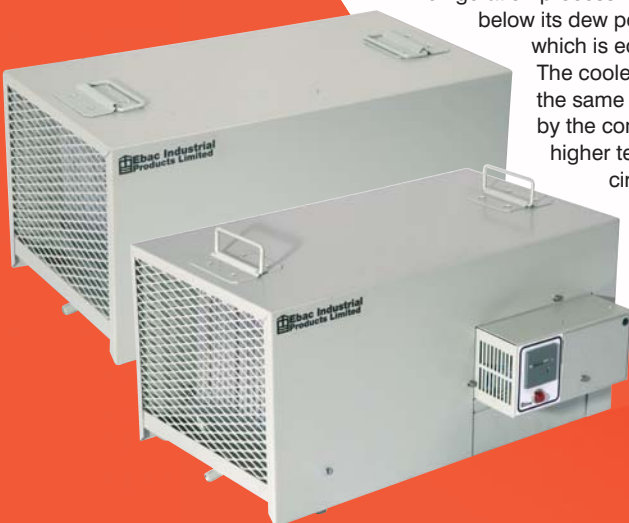
## THE PROBLEM

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 CD30 family the ideal choice for home owners with crawl spaces.

## 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 CD30E make the unit the ideal choice for installations where remote monitoring is required. The alarm humidistat can be adjusted and preset during the installation process and will provide means of identifying a high humidity condition. This unit is also supplied complete with a wall mount bracket and installation kit.



Ebac Industrial Products Incorporated, 700 Thimble Shoals Blvd.  
Suite 109, Newport News, VA 23606-2575

Tel: (757) 873-6800 Fax: (757) 873-3632 www.ebacusa.com

