

CD200-D Dehumidifier

Available from AirControl Systems an Authorised Ebac Distributor since 2002

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KEY DESIGN FEATURES



CD200-D

- Digital Humidity Control
- Digital Readout of Humidity Level
- Status Indicator Panel
- Temperature Sensitive Defrost
- Reverse Cycle Defrost
- Internal Condensate Pump
- 2 Fan Speeds

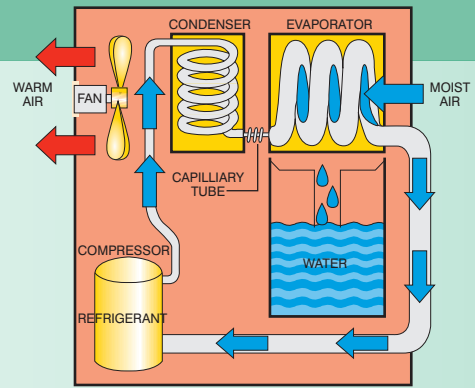
**HIGH CAPACITY, LOW TEMPERATURE, INDUSTRIAL DEHUMIDIFIER
FOR THE LARGER APPLICATIONS.**

SPECIFICATIONS

SPECIFICATIONS	CD200-D 11182GR-GB	FEATURES	CD200-D 11182GR-GB
Height (mm)	832	ON/OFF Control	✓
Width (mm)	745	Digital Humidity Control	✓
Depth (mm)	445	Status Indicator Panel	✓
Weight (kg)	80	Adjustable Control Humidistat	✓
Voltage (V)	230	Temperature Sensitive Defrost	✓
Phase	1	Reverse Cycle Defrost	✓
Frequency (Hz)	50	Washable Air Inlet Filter	✓
Current (A)	16	Fan Speeds	2
Power (KW)	2.25	Internal Condensate Pump	✓
Airflow Low Speed (m3/hr)	850	Compressor Restart Protection	✓
Airflow High Speed (m3/hr)	1050	Duct Flanges (Facility)	0
Noise Level (dbA)	73	High Efficiency Rotary Compressor	✓
Effective Volume (m3)	600	Free Standing	✓
Typical Extraction (l/d)	65	Refrigerant	R454c
Min Operating Temp (°C)	3	Steel Construction	✓
Max Operating Temp (°C)	35	Stoved Epoxy Finish	✓

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

Huge costs are incurred every year through inflated building maintenance costs and damaged inventory as a result of dampness. EIPL dehumidifiers are effective solutions to environmental control problems. Excess humidity in your premises results in corrosion, mold growth and condensation. By installing an EIPL dehumidifier controlled humidity conditions can be maintained to provide protection in larger commercial areas and buildings.

APPLICATIONS	CD425
Warehouses	✓
Factories	✓
Sports Halls	✓
Oil Rigs	✓
Storage Areas	✓
Stadiums	✓
Ships	✓
Manufacturing Areas	✓

WHY CHOOSE EIPL ?

EIPL is Europe's leading manufacturer of dehumidifiers and is a name that you can rely on. No matter how extreme the conditions EIPL's efficiency copes comfortably even at the coldest temperatures. All units incorporate a humidistat which enables you to choose the level of dryness to minimize running costs and ensure that there is no over-drying.

THE PROBLEM

EIPL are a recognized worldwide supplier of flood restoration drying equipment. We offer a variety of dehumidifiers and air movers to remove water and assist with drying areas after water damage. Following a flood, whether it is in your basement or office, it's vitally important to restore the damaged area to good order as soon as possible to protect your health from microorganisms, mold and bacteria that may grow and ultimately prevent further damage. Whether it is a flash flood, hurricane, heavy rains or water main break, EIPL have the equipment to handle the harshest environments and assist with proper restoration.

THE DEHUMIDIFIER

EIPL dehumidifiers are effective solutions to environmental control. Designed to control humidity in medium sized areas upto 600m³ volume, the CD200 is a freestanding unit, which has the capacity to extract up to 65 liters of moisture in 24 hours.

THE DEHUMIDIFIER

The EIPL CD200 dehumidifier has been introduced to serve the demands of medium sized areas without the need to use multiple units. Warehouses, factories, offices and other medium scale facilities with ambient temperatures ranging from 3°C to 35°C can be cured of humidity and condensation problems efficiently and automatically

The CD200 unit can be utilized singly or in multiple units, to provide protection on any scale. Ducted applications are possible where design requirements specify. The CD200 incorporates EIPL's unique temperature sensitive, "Reverse Cycle" defrosting feature. This proven method of defrosting allows the unit to function smoothly in all temperatures, while maintaining optimum performance at higher temperatures.

The twin speed centrifugal fan maximizes air delivery over longer distances. Under maximum conditions the CD200 will remove up to 100 lts/day.

The digital humidistat allows monitoring of the environment humidity, and also precise humidity levels to be entered. The status indicator panel provides a visual indication of the drying process.

Optional duct mounting flanges, reduces the installation time when connecting to an existing / new ducting systems.



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