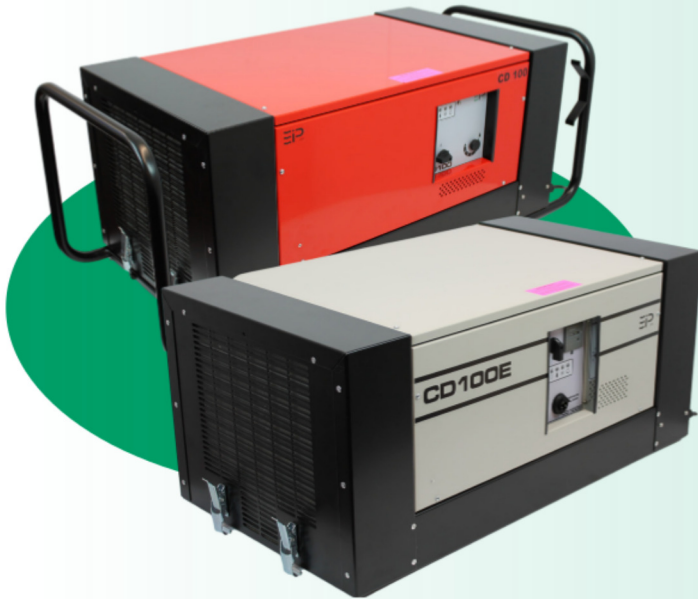




CD100 / CD100E Dehumidifier

Available from AirControl Systems - an Authorised Distributor since 2002
 www.dehumidifiers-direct.co.uk email: sales@dehumidifiers-direct.co.uk
 Tel: 01225 436 236

KEY DESIGN FEATURES



CD100 & CD100E.

- Humidistat Control.
- Status Indicator Panel.
- Temperature Sensitive Defrost.
- Reverse Cycle Defrost.
- Gravity Drain.

CD100E - Additional Features.

- Alarm Humidistat - Volts Free Contacts.
- Heated Condensate Tube.
- Hours Run Meter.
- Wall Mounting Bracket Included.

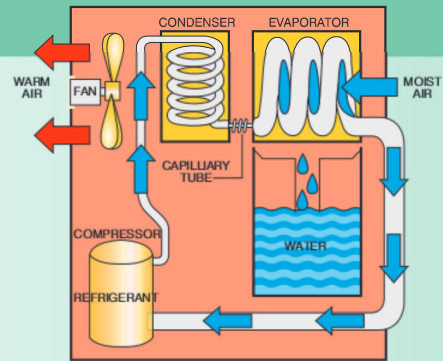
**HIGH CAPACITY, LOW TEMPERATURE, PROFESSIONAL DEHUMIDIFIER
 SUITABLE FOR INDUSTRIAL APPLICATIONS.**

SPECIFICATIONS

SPECIFICATIONS	CD100	CD100E	FEATURES	CD100	CD100E
	11324BR-GB	10273GY-GB		11324BR-GB	10273GY-GB
Height (mm)	400	400	Free Standing	✓	✓
Width (mm)	1130	900	Status Indicator Panel	✓	✓
Depth (mm)	500	500	Temperature Sensitive Defrost	✓	✓
Weight (kg)	75	75	Wall Mounting		✓
Voltage (V)	230	230	Adjustable Control Humidistat	✓	✓
Phase	1	1	Adjustable Alarm Humidistat		✓
Frequency (Hz)	50	50	Heated Condensate Tube		✓
Current (A)	8	8	Hours Run Meter		✓
Power (KW)	1.5	1.5	Alarm Plug / Socket		✓
Airflow (m3/hr)	510	510	Wall Mounting Bracket	○	✓
Noise Level (dbA)	72	72	Reverse Cycle Defrost	✓	✓
			Carrying Skid / Handle	✓	
Effective Volume (m3)	300	300	Gravity Drain	✓	✓
Typical Extraction (l/d)	30	30	Refrigerant	R454c	R454c
Min Operating Temp (°C)	3	0	Steel Construction	✓	✓
Max Operating Temp (°C)	35	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, its 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, mould growth and condensation. By installing an EIPL dehumidifier controlled humidity conditions can be maintained to provide protection in larger commercial areas and buildings.

APPLICATIONS	CD30/ CD30E
Warehouses	✓
Sub Stations	✓
Oil Rigs	✓
Ships	✓
Basements	✓
Large Garages	✓
Agriculture	✓
Kitchens	✓

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 minimise running costs and ensure that there is no over-drying.

THE PROBLEM

EIPL are a recognized world wide 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 smaller areas the CD100 is a compact unit that has the capacity to extract up to 60 litres of moisture in 24 hours.

THE DEHUMIDIFIER

For use in commercial areas and large buildings the CD100 is the ideal unit to control humidity and maintain desired conditions in your premises.

Status panel, which provides a visual indication of the drying process.

With the capacity to extract up to 30 litres of moisture in 24 hours combined with a variable humidistat control the CD100(E) will maintain conditions without the worry of excessive energy costs or over drying. Installation is quick and easy, simply position the unit, connect it to the mains supply and water drainage point and switch it on. The CD100 is a free standing unit and comes complete with a tubular 'skid' frame, however a bracket is also available which will allow the unit to be wall mounted.

Additional features of the CD100E include :-

Wall mounting bracket and installation kit.

Alarm humidistat with "volts free" contacts makes the unit ideal to interface with remote monitoring systems.

Heated condensate tube to prevent the the drainage pipe from freezing in low temperature applications.

Hours run meter to monitor the amount time the unit has been drying.



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