WM80 / WM80-D
Dehumidifier

KEY DESIGN FEATURES

WM80 & WM80-D

- Humidistat Control
- Status Indicator Panel
- Temperature Sensitive Defrost
- Hot Gas Defrost
- Internal Condensate Pump
- Wall Mounting Bracket Included
- Low Noise Tangential Fan

WM80-D - Additional Features

- Digital Humidistat

HIGH CAPACITY, COMPACT, LOW TEMPERATURE, PROFESSIONAL DEHUMIDIFIER SUITABLE FOR BOTH DOMESTIC AND INDUSTRIAL APPLICATIONS.

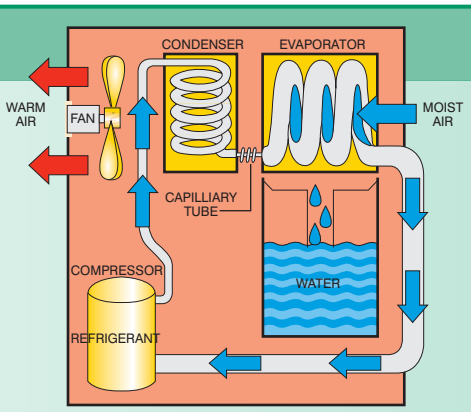
SPECIFICATIONS

SPECIFICATIONS	WM80 11284ML-GB	WM80-D 11284GL-GB
Height (mm)	527	527
Width (mm)	560	560
Depth (mm)	290	290
Weight (kg)	37	37
Voltage (V)	230	230
Phase	1	1
Frequency (Hz)	50	50
Current (A)	4	4
Power (KW)	0.70	0.70
Airflow (m3/hr)	260	260
Noise Level (dbA)	58	58
Effective Volume (m3)	200	200
Typical Extraction (l/d)	20	20
Min Operating Temp (°C)	3	3
Max Operating Temp (°C)	35	35

FEATURES	WM80 11284ML-GB	WM80-D 11284GL-GB
On/Off Control	✔	✔
Status Indicator Panel	✔	✔
Temperature Sensative Defrost	✔	✔
Hot Gas Defrost	✔	✔
Manual Humidity Control	✔	
Electronic Digital Humidity Control		✔
Internal Condensate Pump	✔	✔
Free Standing	✔	✔
Wall Mounting Bracket	✔	✔
Pump Fault Indicator	✔	✔
Fitted 13A Plug	✔	✔
Washable Air Filter	✔	✔
Anti Vibration Rubber Feet	✔	✔
Refrigerant	R454c	R454c
Steel Construction	✔	✔
Stoved Epoxy Textured 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	WM80 / WM80-D
Offices	✔
Shops	✔
Restaurants	✔
Storage Areas	✔
Warehouse	✔
Basements / Cellars	✔
Laboratories	✔
Outward Bound Centres	✔
Car Storage Facilities	✔

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

Excess humidity in your warehouse, office factory or shop results in corrosion, mould 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 EIPL WM range of dehumidifiers are ideal solution for humidity control, in a wide variety of applications including offices, apartments, stores, restaurants, museums, store rooms and cellars

THE DEHUMIDIFIER

EIPL dehumidifiers are effective solutions to environmental control problems. The WM range of units, are high capacity dehumidifiers, designed to operate efficiently. 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. Continuous circulation of air through the dehumidifier gradually reduces the relative humidity within the area.

THE DEHUMIDIFIER

EIPL dehumidifiers are effective solutions to environmental control. Designed to control humidity in medium volume areas, the WM80 is a compact unit suitable for wall mounting or free standing installations. Typical capacity to extract up to 20 liters of moisture in 24 hours.

Two versions are available, manual, dial control, or for a more precise control the digital version. The digital version also provides a constant display of the room humidity level.

The Status indicator panel, provides a visual indication of the drying process and also fault indication should drain the outlet become blocked

The WM family of dehumidifiers are designed to be wall mounted, and are supplied complete with a wall mounting kit, allowing easy installation. The rubber feet also allow the units to be positioned at floor level, however due to their slim design securing back to a wall is recommended.

Operation is simple, switch the unit on, dial in the desired humidity level , and let it get on with the job.

The internal high lift internal condensate pump provides an internal reservoir This high lift pump allows the water to be pumped to a height of approx. 3m, and ideal for unattended installations , or basements.

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