# WM80-D / WM150-D
# Dehumidifier

## KEY DESIGN FEATURES


- Cross-flower blower style fan for efficient, quite operation
- Digital Humidistat Control
- Status / Mode Indicators
- Removable, washable air filters
- High Capacity Integral condensate pump
- High efficiency rotary compressor
- Robust Steel Construction
- Drainage facility from either end
- Low temperature operation
- Long power cord with molded plug

**WAREHOUSES • FACTORIES • SPORTS HALLS • STORAGE AREAS • AGRICULTURE SHIPS • STADIUMS**

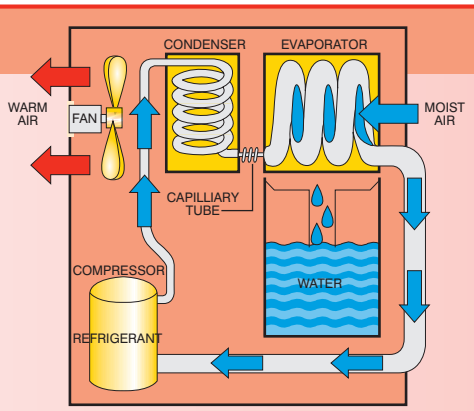
## SPECIFICATIONS

| SPECIFICATIONS | WM80-D 11284DL-US | WM150-D 11285DL-US |
|---|---|---|
| Height | 19.4” (495mm) | 26.7” (680mm) |
| Width | 22” (506mm) | 31.8” (810mm) |
| Depth | 11.4” (290mm) | 12” (305mm) |
| Weight | 81.5 lbs (37kg) | 165 lbs (75kg) |
| Voltage V / P / Hz | 110 / 1 / 60 | 110 / 1 / 60 |
| Current | 8A | 13A |
| Power | 900W | 1.5kW |
| Airflow | 160cfm (272m3/hr) | 650cfm (1040m3/hr) |
| Noise Level | 58dba | 58dba |
| Refrigerant | R454c | R454c |
| Effective Volume | 8,369 cu.ft (200m3) | 10,594 cu.ft (300m3) |
| Typical Extraction @ 80°F 60%RH | 62 ppd | 71 ppd |
| Min Operating Temperature | 33°F (1°C) | 33°F (1°C) |
| Max Operating Temperature | 95°F (35°C) | 95°F (35°C) |

| FEATURES | WM80-D 11284DL-US | WM150-D 11285DL-US |
|---|---|---|
| On/Off Control | ✔ | ✔ |
| Status Indicator Panel | ✔ | ✔ |
| Temperarture Sensative Defrost | ✔ | ✔ |
| Electronic Digital Humidity Control | ✔ | ✔ |
| High Performance Cross-flow Fan | ✔ | ✔ |
| Hot Gas Defrost System | ✔ | |
| Reverse Cycle Defrost System | | ✔ |
| Fan Speeds | 1 | 1 |
| Internal Condensate Pump | ✔ | ✔ |
| Pump Fault Indicator | ✔ | ✔ |
| Washable Air Filter | ✔ | ✔ |
| Compressor Type | Rotary | Rotary |
| Wall Mounting Bracket | ✔ | ✔ |
| Free Standing (Rubber Feet) | ✔ | ✔ |
| Fitted Mains Plug | ✔ | ✔ |
| Epoxy Powder Coating | ✔ | ✔ |

# 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

The EIPL WM (wall mounted) range of dehumidifiers are an ideal solution for humidity control in a wide variety of applications including offices, stores, restaurants, bars, salons, museums, storerooms, computer and telecommunications rooms, garages, cellars and animal enclosures.

It's also great for spa rooms in hotels / motels.

The WM80-D and WM150-D are supplied complete with wall mounting bracket. Attach the bracket to the wall, lift the dehumidifier onto the bracket and secure. Connect the power and drainge and your unit is ready for operartion.

| APPLICATIONS | WM80-D | WM150-D |
|---|---|---|
| Crawl Spaces | ✔ | ✔ |
| Warehouses | | ✔ |
| Basements / Cellars | ✔ | ✔ |
| Laboratories | ✔ | |
| Pumping Stations | | ✔ |
| Hotel / Motel | ✔ | ✔ |
| Sports Halls | ✔ | ✔ |
| Offices | ✔ | ✔ |
| Oil Rigs | | ✔ |

# PROVEN PERFORMANCE

The WM range of industrial and commercial dehumidifiers have been developed by EIPL, the internationally renowned experts in the field of dehumidification technology.

The new Digital Control version of the WM80-D and WM150-D models, allows a precise humidity level to be entered, and provides a continues display of the room humidity level.

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

# THE PROBLEM

Excess humidity in your 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 WM family the ideal choice for small spaces.

# THE DEHUMIDIFIER

Whatever your drying requirements, EIPL dehumidifiers have the answer. All units operate effectively across a broad range of temperatures and can provide low levels of relative humidity when required. Excess humidity in your 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.

EIPL dehumidifiers are effective solutions to environmental control problems. The WM range 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 WM range 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.


INC

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