EP LTD

HGR1500

TEMPERATURE SENSITIVE DEFROST

AIR FILTER

DIRECT OR DUCTABLE INSTALLS

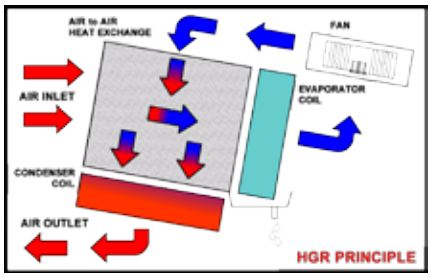
HIGH CAPACITY FAN

WAREHOUSES • RESTAURANTS • SWIMMING POOLS • SPA

ARCHIVES • GARAGES • LABORATORIES • NIGHT CLUBS

HGR1500 DEHUMIDIFIER

HOW THE HGR DEHUMIDIFIER WORKS



Humid air is drawn into the dehumidifier and passes through an "Air to Air" Heat Exhange.

This process precools / drys the air, before being passed over the Evaporator coil, where any moisture present will be removed. This cool dry air then passes back through the Air to Air Heat Exhange, in the opposite direction, providing the cooling for the incoming air.

After passing over the Condenser Coil, which reheats the air, the Warm "Super Dry Air" leaves the dehumidifier.

WHY THE NEED FOR A DEHUMIDIFIER?

Dehumidifiers are required wherever there is a need to lower the humidity level to prevent corrosion, mould growth and condensation or maintain a low humidity condition during manufacture, packaging or storing of hygroscopic products.

THE HGR DEHUMIDIFIER

The HGR1500 produces drier air when compared against a standard refrigeration type dehumidifier. This is only possible with a pre-cooling method, in the HGR1500 case, an Air to Air Heat Exchange. The HGR1500 refrigeration system is fine tuned to ensure the leaving air is at its lowest possible relative humidity, thereby ensuring the maximum drying performance, for the lowest running costs.

WHY CHOOSE EIPL?

With over forty years of experience, EIPL is Europe's leading manufacturer of dehumidifiers and the name you can rely on. No matter how extreme the conditions EIPL's efficiency copes comfortably even at the coldest temperatures.

HGR1500

The HGR1500 is supplied with duct mounting flanges, allowing easy integration into ducted systems. The high lift, integral condensate pump ensures the product is suitable for basement installations, in addition to high level installs, IE attics etc.

A washable air filter is Incorporated on the inlet, thereby ensuring the internal coils etc remain unrestricted and therefore always operate at their optimum performance. A plug / socket connection is available for easy connection to a remote humidistat for controlled drying applications.

SPECIFICATION:

SPECIFICATIONS	HGR1500
MODEL NO.	10272GR-GB
Height (mm)	545
Width (mm)	536
Depth (mm)	902
Weight (kg)	75
Voltage (V)	230
Phase	I
Frequency (Hz)	50
Current (A)	4.5
Power (kW)	1.0
Airflow (m3/hr)	500
Noise Level (dba)	60
Refrigerant	R407C
Effective Volume (m3)	300
Maximum Extraction (lt/day)	50
Min Operating Temperature (°C)	3
Max Operating Temperature (°C)	35

FEATURES:

FEATURES	HGR1500
MODEL NO.	10272GR-GB
Reverse Cycle Defrost	✔
Temperature Sensitive Defrost	✔
Remote Humidistat Facility	✔
High Capacity Backward Curved Fan	✔
Quiet Operation	✔
Hours Run Meter	✔
Air Inlet Filter	✔
Runners For Floor / Celing Mounting	✔
Duct Flange Attachments Included	✔
PreCooling Heat Exchange	✔
Epoxy Power Coated Panels	✔
Energy Efficient Heat pump Operation	✔
Internal Condensate Pump	✔
Easy Access Control Box	✔
Remote Humidistat	O

APPLICATIONS:

APPLICATIONS	
Swimming Pools	✔
Garages	✔
Archives	✔
Store Rooms	✔
Hotels	✔
Restaurants	✔
Bars	✔
Nightclubs	✔
Printing Facilities	✔

The high efficiency, reverse cycle defrost, is temperature sensitive, therefore ensuring defrost only occurs when required. This unique control maximises the water extraction across all conditions. With 41 years of engineering experience, EIPL always ensures the maximum performance with minimum energy consumption. All components have been carefully selected inorder to maintain the EIPL high build standard, which consequently delivers high quality, reliable products.

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