



# PD120 & PD200



**WAREHOUSES • RESTAURANTS • SWIMMING POOLS • SPA  
ARCHIVES • GARAGES • LABORATORIES • NIGHT CLUBS**



# PD120 / PD200 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 DEHUMIDIFIER

The PD 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. When used in conjunction with an external humidistat, the PD range of units automatically switch on and off to maintain the desired humidity level.

## WHY CHOOSE EIPL?

With over thirty seven 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.

## PD120 & PD200

The EIPL PD range of dehumidifiers are high capacity units ideal where large volumes of water and moisture need to be removed efficiently and quietly.

With a maximum extraction of 75lts per day the PD120 and 120lts per day for the PD200, is the ideal choice for many applications.

With 41 years of engineering experience, EIPL always ensures the maximum performance with minimum energy consumption.

All components have been carefully selected in order to maintain the EIPL high build standard, which consequently delivers high quality, reliable products.

The versatile PD120 and PD200 units, incorporate an adjustable speed fan, providing the flexibility for direct or ducted applications. The low voltage, remote humidistat control circuit makes the equipment easy and safe to install in the most complex installations.

The quiet operation of the PD120 and PD200 units, makes them ideal for Restaurants, Swimming Pools, Libraries etc, where high noise is prohibited.

Both the PD120 and PD200 incorporate a temperature sensitive, reverse cycle defrost system. The temperatures sensitive ensure defrosts on occur when required and the reverse cycle defrost ensures any defrost period is short and effective, thereby increasing the overall drying capacity.

The Heat pump design of the PD refrigeration system means there is no heat loss in the dehumidifying process, thereby saving energy consumption.

## SPECIFICATION:

SPECIFICATIONS	PD120	PD200
MODEL NO.	1028225	1028275
Height (mm)	441	441
Width (mm)	683	683
Depth (mm)	658	658
Weight (kg)	70	95
Voltage (V)	230	230
Phase	1	1
Frequency (Hz)	50	50
Current (A)	6	14
Power (kW)	1.5	3
Airflow (m3/hr)	850	850
Noise Level (dba)	60	60
Refrigerant	R407C	R407C
Effective Volume (m3)	300	600
Maximum Extraction (lt/day)	75	120
Min Operating Temperature (°C)	3	3
Max Operating Temperature (°C)	35	35

## FEATURES:

FEATURES	PD120	PD200
MODEL NO.	1028225	1028275
Carrying Handles	✓	✓
Reverse Cycle Defrost	✓	✓
Temperature Sensitive Defrost	✓	✓
Remote Humidistat Sensor Facility	○	○
High Capacity Forward Curved Fan	✓	✓
Quiet Operation	✓	✓
Fan Speeds	2	2
Air Inlet Filter	✓	✓
Suspended Above False Ceilings	✓	✓
Feet For Floor Mounting	✓	✓
Duct Flange Attachments	✓	✓
Inline Duct Mounting (Covers Removed)	✓	✓
Stainless Steel Drain Tray	○	○
High Temperature Safety Cut-outs	✓	✓
Epoxy Power Coated Panels	✓	✓
Low Voltage Controls	✓	✓
Energy Efficient Heat pump Operation	✓	✓
Gravity Drainage System	✓	✓

## APPLICATIONS:

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

