

# K100P Dehumidifier

## KEY DESIGN FEATURES



### K100P

- Humidistat Control.
- Status Indicator Panel.
- Temperature Sensitive Defrost.
- Reverse Cycle Defrost.
- Washable Filter
- High Capacity Condensate Pump
- Purge Facility
- Cable Wraps

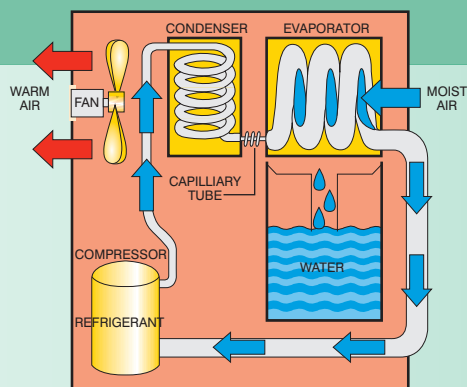
HIGH CAPACITY, LOW TEMPERATURE, PROFESSIONAL DEHUMIDIFIER  
SUITABLE FOR INDUSTRIAL APPLICATIONS.

## SPECIFICATIONS

| SPECIFICATIONS           | K100P<br>11241HZ-GB | FEATURES                                   | K100P<br>11241HZ-GB |
|--------------------------|---------------------|--------------------------------------------|---------------------|
| Height (mm)              | 450                 | On / OFF Control                           | ✓                   |
| Width (mm)               | 915                 | Pump Purge Facility                        | ✓                   |
| Depth (mm)               | 480                 | Adjustable Control Humidistat              | ✓                   |
| Weight (kg)              | 62                  | Status Indicator Lights                    | ✓                   |
| Voltage (V)              | 230                 | Temperature Sensitive Defrost              | ✓                   |
| Phase                    | 1                   | Reverse Cycle Defrost                      | ✓                   |
| Frequency (Hz)           | 50                  | High Lift Internal Condensate Pump         | ✓                   |
| Current (A)              | 8                   | Washable Filter                            | ✓                   |
| Power (KW)               | 1.5                 | Cable Wraps                                | ✓                   |
| Airflow (m3/hr)          | 510                 | Detachable Carrying Handle / Skid          | ✓                   |
| Noise Level (dbA)        | 72                  | Free Standing                              | ✓                   |
|                          |                     | Wall Mountable (Option Wall Mount Bracket) | ✓                   |
| Effective Volume (m3)    | 300                 | Refrigerant                                | R454c               |
| Typical Extraction (l/d) | 30                  | Steel Construction                         | ✓                   |
| Min Operating Temp (°C)  | 0                   | Stoved Epoxy Finish                        | ✓                   |
| Max Operating Temp (°C)  | 35                  |                                            |                     |

## 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, 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  | K100P |
|---------------|-------|
| 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 K100P is a compact unit that has a maximum capacity to extract up to 60 litres of moisture in 24 hours.

## THE DEHUMIDIFIER

For use in commercial areas and large buildings the K100P is the ideal unit to control humidity and maintain desired conditions in your premises.

With the typical capacity to extract up to 36 litres of moisture in 24 hours combined with a variable humidistat control the K100P will maintain conditions without the worry of excessive energy costs or over drying.

Installation is quick and easy, simply position the unit, connect to the mains supply, connect the drain outlet to a suitable drainage point, and switch On.

The K100P is a free standing unit and is supplied complete with a tubular "Skid" frame, however a wall mounting bracket is available which will allow the unit to be wall mounted.

The K100P range of dehumidifiers all incorporate a high lift condensate pump, allowing the condensate to be pump to heights in excess of 4m.



### Ebac Industrial Products Ltd

St Helen Trading Estate, Bishop Auckland, Co. Durham. DL14 9AD

Tel: 01388 664400 Fax: 01388 662590 sales@eipl.co.uk www.eipl.co.uk

#### Ebac Industrial Products, Inc. (Virginia)

USA Head Office

700 Thimble Shoals Blvd, Suite 109, Newport News, Virginia. 2360-62575

Tel: +01 757 873 6800 Fax +01 757 873 3632

sales@ebacusa.com

#### Ebac Industrial Products, Inc. (California)

West Coast Sales and Distribution Center

2060 Chicago Ave, Suite C7, Riverside, California. 92507

Tel: +01 951 777 9914 Fax: +01 951 462 1341

www.ebacusa.com