

*A FULL RANGE OF  
HIGH CAPACITY,  
LOW TEMPERATURE  
DEHUMIDIFIERS  
FOR INDUSTRY,  
INSTITUTIONS,  
RENTALS AND HOMES*



## **K100P DEHUMIDIFIER**

### **Applications:**

The Ebac K100P is a versatile workhorse designed to eliminate high humidity problems in harsh environments. Warehouses, storerooms, electrical and communications switching stations, locker rooms, basements, pumping stations, offshore oil rigs and active and laid-up marine vessels have all found this rugged unit to be equal to the task.

The impressive K100P can be easily moved from site to site or can be permanently mounted and ducted to suit a variety of applications.

### **Features:**

- 1) Washable Air Filter.
- 2) Internal Condensate Pump out with 20' vertical lift.
- 3) A rugged epoxy-coated, steel chassis.
- 4) A "floating" compressor for vibration and mobility protection.
- 5) On board adjustable humidistat, to control the level of dryness desired.
- 6) System lamps to tell the operating status of the unit at a glance.
- 7) Ebac's unique "Hot Gas" defrosting system, for effective operation at low ambient temperatures.

### **Options:**

- 1) Wheels and handle kit for mobility.
- 2) Wall mount kit.

### **Specifications:**

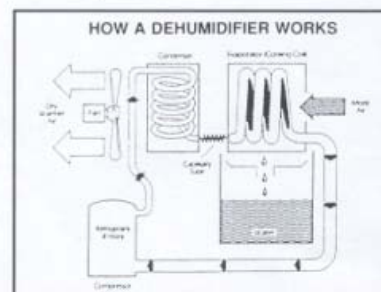
Model: K100P	Volts: 115/60 Hz
Horsepower: 1	Amps: Recommended 30 amp Breaker (8.5 running amps)
Refrigerant: R-22	Capacity: 9.7 lbs. per day (80°F, 60% RH)
BTU/HR: 12,000	Height: 17", Width: 28", Depth: 18"
CFM: 700	Weight: 138 lbs.

### **Performance:**

As a result of Ebac's unique "Hot Gas" defrosting feature, the Ebac K100P will operate in environments from 33°-105°F. Designed to withstand adverse conditions and to deliver the goods, this unit will efficiently remove more than ninety pints of airborne water vapor per day under standard conditions (80°F, 60% RH), and will exceed 20 gallons per day under the saturation conditions found in problem environments.

### **Operation:**

The effective answer to excessive humidity is a refrigeration-type dehumidifier. Warm moist air is drawn by a fan across a cold coil which causes the water vapor to condense onto the coil and drop into a container or tray. The cold air is then passed over a heat exchanger where it is warmed before being passed back into the surrounding area. A dehumidifier that has a humidistat which automatically switches it on and off saves energy and expense by maintaining the desired level of humidity with intermittent operation.



  
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