DBK BUILDING RESTORATION

DBK Drymatic II

Controlled Heat and Air Exchange System

THE RIGHT TOOL FOR THE JOB

The award winning DBK Drymatic system was developed to offer the Restoration Industry a cost-effective tool that would cater for a broad range of drying requirements.
The DBK Drymatic's unique and patented operation is based upon its continual monitoring of the humidity and temperature of the room to be dried. It then operates in the mode that provides maximum drying effect.

- **Recirculation** – *area is continuously heated up until temperature or humidity limit is reached.*
- **Exhaust** – *Exchanging the warm, humid air with replenishment air from an unaffected part of the building or outside*

The Drymatic II cycles between these modes to maximize the amount of water removed from the area.

- Can achieve extremely low relative humidity < 10%RH
- Controlled ambient temperature up to max 122°F
- kWh metering and drying program memory that does not erase in the event of a power failure.

Light Weight & Portable

Stackable Rotomolded double skinned housing and only 52 lb.

Safe & Easy to use

Touch-safe Heater Outlet and a simple Quick-Fix Hose Connection.

Flexible Power, higher airflow

Portable, plug into a standard 15 Amp Power Outlet (no gas or diesel required).

Find us on Facebook and Twitter @ DBKDrymatic

Contact us for more information!
Office: 864 599 1600
Email: sales@drymatic.com
Web: drymatic.com

Building Restoration

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FAQ & TECHNICAL DATA

Q. Where can I exhaust my wet air?

A. The preference is always to vent to outside as this is the most efficient and economical method. Common exhaust paths are directly through a window, extraction fans, dryer vents etc. If there is no available path to the outside environment the machine can be exhausted into the drain system of a toilet. The water can be drained and then the exhaust hose placed into the U-Bend where the warm, moisture laden air will condense. It is good practice to take your replenishment air from the driest source available.

Q. Where do I bring the outside air from?

A. Replenishment air can be taken from an unaffected part of the building, outside or from another area of the property where stabilization equipment is situated.

Q. Where do I place the Room Intake Hose?

A. The Room Intake and Heater Outlet hoses should be spread apart as much as possible to maximize circulation of air within the drying environment. Placing the two hoses close together will result in a 'short-circuit' of the room and this will inhibit the drying performance.

If you are drying a room with a crawlspace it is important to use air movement to aid in the mixing of air between both areas. Alternatively, a Y-piece splitter can be used on the Room Intake hose to pull air from two locations.

Q. How many Air Movers should I use?

A. Air movement should be utilized when drying larger areas/volumes and mixing of the ambient air is required. Ideally, the additional air movement should be supplemented by Boost Boxes to increase the amount of energy being put in to the drying environment.

Q. Do I need to run a dehumidifier in the same chamber?

A. No, the Drymatic uses the air as a vehicle to transport the wet air out of the chamber.

Q. How large an area can Drymatic dry?

A. The Drymatic II can manage the volume of air within a room up to a size of 21,000 ft³. This means that Drymatic will fully exchange that volume of air in one hour. The more air exchanges that take place the more effective the drying regime will be.

We recommend a minimum of two air exchanges per hour, the result of which being a maximum room volume of 10,500 ft³ per Drymatic II.

This calculation is based on movement of air only and not Drymatic's capacity to heat up the environment. When drying larger areas it is recommended that supplementary heating is added via the Drymatic Boost Box. The number of Boost Boxes required depends on the building construction, how well insulated the property is and the thermal loss from that environment.

Model	FGPH064 / FGPH065
Country	USA
Power	1.4 / 2.5 kW
Voltage	120 / 230 V
Max Current	11.6 / 10.9 A
Frequency	60 / 50 Hz
Air Movement	380 cfm
Weight	52 lb
Dimensions	37 x 25 x 14"
Max Air Off	212°F
Operating Range	-4°C to 140°F
Construction	Rotomolded double skinned housing

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