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Model Number: 4034000

Phoenix D850 Portable Desiccant Dehumidifier 4034000

Manufacturer: Phoenix

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Low Grains, Wide Operating Range

The Phoenix D850 provides the perfect blend of portability, versatility, and performance the restoration industry has been seeking in a medium-capacity desiccant dehumidifier. It combines the wide operating range and ultra-low grains of the Phoenix 1200 with the portability of an LGR like our Phoenix 250 Max. The included remote humidistat and process blower speed control allow you to tailor the drying to the task at hand. The D850 operates both vertically or horizontally and is perfect for low clearance applications, fitting inside most crawlspaces. The lower carrying handle makes moving the unit down stairs, as well as into and out of a crawlspace, a breeze.

The PowerDry D850 delivers 850 CFM of ultra-low grain process air and removes a stunning 370 pints per day at AHAM conditions. The true four-hole design* allows for positive, neutral, or negative pressurization of the affected area. Three-hole desiccants** inherently pull unaffected and/or outside air into the drying chamber. Power to the unit is provided by either a 30- or 50- amp, 230-volt grounded power cord (both are included). The reactivation air stream is ducted through a flex duct, which is also provided with the unit.

* Having completely separate process and regeneration airstreams.

** Where regeneration airstream is pulled from the process airstream.

When to use:

D850 is ideal for drying low evaporation materials such as concrete, brick, plaster,

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and hardwoods

D850 performs better in cooler temperatures (below 70°) than refrigerant dehumidifiers

D850 desiccant is sized for 2 ACH (class 2) for up to 25,500 cu.ft and up to 3 ACH (class 3 & 4) on 17,000 cu.ft

How to use:

Use Max Water when primarily drying the air

Use Max Grains when tenting or drying low evaporation materials

The unit can operate horizontally or vertically

Duct the reactivation outlet (225 CFM) outside the affected area or into refrigerant dehumidifier(s) with +350 CFM inlet.

Availability: This product was added to our catalog on Wednesday 09 January, 2019