

# Quest 132D

## Desiccant Dehumidifier

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www.QuestClimate.com

The Quest 132D Desiccant Dehumidifier provides more water removal (in certain conditions) and a wider operating range than refrigerant based dehumidifiers. The Quest 132D is designed to operate vertically or horizontally, and accommodates multiple ducting scenarios. Two standard 115VAC power cords are included and, after correctly directing the wet reactivation air, the Quest 132D can simply be plugged in and turned on. An available low voltage control kit allows the Quest 132D to be controlled by a remote dehumidistat, timer, or switch. The Quest 132D can be combined with other high efficiency dehumidifiers to provide extra capacity and better control in situations with high peak moisture loads, or where external ducting is impractical.

The Quest 132D is built on proven desiccant wheel technology which brings in air from the room and passes it through a wheel containing desiccant material. The moisture from the air is adsorbed into the wheel and the dried air exits the Quest 132D. The moist wheel then passes into a Drying chamber inside the Quest 132D where hot air removes the moisture and “reactivates” the wheel. The moisture laden waste air exits the Quest 132D and is directed either outside of the space if practical, or into a high efficiency dehumidifier where the liquid water can be removed.

### Features:

- Wide operating range for dehumidification
- Superior low dew point operation
- 132 Pints/Day @ AHAM
- 24 Amps total power consumption
- Factory installed 115VAC power cords (2 required @ 15 Amps each)
- Vertical or horizontal operation
- Multiple ducting options



# Quest 132D

## Desiccant Dehumidifier

### Water Removal Rates (Pints/Day)

95 Pints	100° F, 20%
135 Pints	90° F, 90%
135 Pints	80° F, 80%
<b>132 Pints</b>	<b>80° F, 60% (AHAM)</b>
130 Pints	70° F, 80%
120 Pints	70° F, 60%
120 Pints	60° F, 80%
115 Pints	60° F, 60%
115 Pints	50° F, 80%
100 Pints	50° F, 60%
45 Pints	10° F, 80%



### Specifications

Part Number	4037900
Supply Voltage	2 Circuits; 12Amps, 115VAC each 24 Amps total power consumption
Power	66 KWh/Day
Capacity (24hr)	132 Pints (80°F 60%RH)
Blower:	385 CFM Process Ariflow @ 0" ESP 75 CFM Reactivation Airflow @ 0"ESP
Temperature Range	10°F to 120°F*
Filters:	Process Filter Size: 16" X 20" X 2" Reactivation Filter Size: 12" X 12" X 1"
Duct Connections	Reactivation Duct: 6" (Start collars included) Process Duct: 8" (Start collars included)

Warranty: 1st year Parts and Labor

\*Low temperature performance is dependent on reactivation air source. Supplying warmer reactivation air will significantly increase water removal.

### Dimensions

	Unit	Shipping
Width	20"	25"
Height	36"	47"
Depth	20"	24"
Weight	105 lbs	125 lbs

### Process Air Filter Replacement

4021475 16" x 20" x 2" MERV 11 Filter (Standard)

### Reactivation Air Filter Replacement

4026315 12" x 12" x 1" MERV 8 Filter (Standard)

