

Quest Dry 115

Desiccant Dehumidifier

The Quest Dry 115 Desiccant Dehumidifier provides more water removal (in certain conditions) and a wider operating range than refrigerant based dehumidifiers. The Quest Dry 115 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 Dry 115 can simply be plugged in and turned on. An available low voltage control kit allows the Quest Dry 115 to be controlled by a remote dehumidistat, timer, or switch. The Quest Dry 115 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 Dry 115 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 Dry 115. The moist wheel then passes into a Drying chamber inside the Quest Dry 115 where hot air removes the moisture and “reactivates” the wheel. The moisture laden waste air exits the Quest Dry 115 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
- 115 Pints/Day @ AHAM
- 22 Amps total power consumption
- Factory installed 115VAC power cords (2 required @ 15 Amps each)
- Simple ON/OFF operation with available low voltage control kit accessory for remote dehumidification operation
- Vertical or horizontal operation
- Multiple ducting options

Water Removal Rates (Pints/Day)

56 Pints	100°F, 20%
160 Pints	90° F, 90%
135 Pints	80° F, 80%
115 Pints	80° F, 60% (AHAM)
115 Pints	70° F, 80%
105 Pints	70° F, 60%
105 Pints	60° F, 80%
99 Pints	60° F, 60%
110 Pints	50° F, 80%
93 Pints	50° F, 60%
25 Pints	10° F, 80%

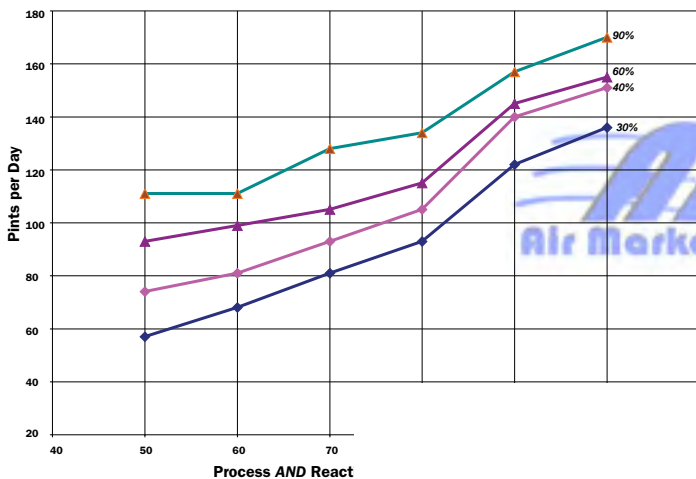


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Desiccant Dehumidifier

Capacity; Pints per Day

		Relative Humidity			
		30	40	60	90
Air temp	50	57	74	93	111
	60	68	81	99	111
	70	81	93	105	128
	80	93	110	115	134
	90	122	140	145	157
	100	136	151	155	170



ETL Listed



Specifications

Part Number	4027110
Power	2 Circuits; 11Amps, 115VAC each 22 Amps total power consumption
Kilowatts	2.5 (63 KWh/Day)
Capacity (24hr)	115 Pints (80°F 60%RH)
Blower:	385 CFM Process Ariflow @ 0" ESP 75 CFM Reactivation Airflow @ 0"ESP
Temperature Range	10°F to 140°F*
Filters:	Process Filter Size: 16" X 20" X 2" Reactivation Filter Size: 12" X 12" X 1"
Duct	Process Inlet: 12" Flex-Duct (optional)
Connections	Process Outlet: 10" Lay Flat collar (optional) Reactivation Inlet: 6" Flex-Duct (optional) Reactivation Outlet: 6" Flex-Duct (required)

Warranty 1 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

	Flex-Duct 25'
4020128	6" Insulated Flex-Duct 25'
4024750	12" Metalized Polyester Flex Duct 25'
4022537	10" Lay Flat Duct 500'
4024935	10" Lay Flat Duct 250'
4027198	Low Voltage Control Kit

Process Air Filter Replacement

4021475	16" x 20" x 2" MERV 11 Filter (Standard)
4024969	16" x 20" x 2" MERV 6 Filter (Optional)
4022164	16" x 20" x 2" MERV 14 Filter (Optional)

Reactivation Air Filter Replacement

4026315	12" x 12" x 1" MERV 7 Filter (Standard)
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