

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% |



Engineered Excellence for
Construction Professionals



Specifications subject to change without notice.06/17



Therma-Stor LLC

4201 Lien Rd
Madison, WI 53704

1-866-933-7486

www.QuestProtect.com
sales@QuestProtect.com

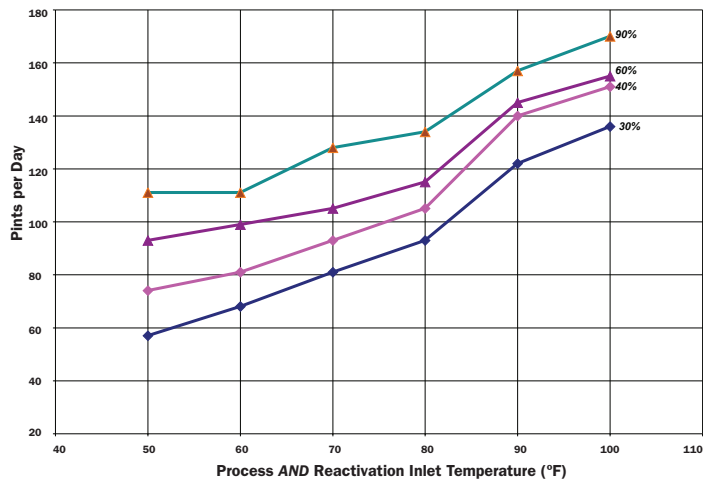


Quest Dry 115

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 |



Engineered Excellence for Construction Professionals



Specifications subject to change without notice. 06/17

Specifications

| | |
|-------------------|---|
| Part Number | 4027110 |
| Supply Voltage | 2 Circuits; 11Amps, 115VAC each 22 Amps total power consumption |
| Power | 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 Connections | Reactivation Duct: 6" (Start collars included) Process Duct: 8" (Start collars included) |

Range 10 °F to 140 °F*

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 |

Accessories

| | |
|---------|---|
| 4026859 | 6" Metalized Polyester Flex-Duct 25' (for Reactivation) |
| 4020128 | 6" Insulated Flex-Duct 25' (for Reactivation) |
| 4027198 | Low Voltage Control Kit (included) |

Process Air Filter Replacement

| | |
|---------|--|
| 4021475 | 16" x 20" x 2" MERV 11 Filter (Standard) |
| 4024969 | 16" x 20" x 2" MERV 6 Filter (Optional) |

Reactivation Air Filter Replacement

| | |
|---------|---|
| 4026860 | 12" x 12" x 1" MERV 7 Filter (Standard) |
|---------|---|



Therma-Stor LLC
4201 Lien Rd
Madison, WI 53704

1-866-933-7486
www.QuestProtect.com
sales@QuestProtect.com