

Quest Dry 105, 155, and 205



High-Efficiency Ventilating Dehumidifier

To avoid problems caused by moisture, such as structural integrity deterioration, or an unhealthy workplace environment, a dehumidifier is necessary to maintain EPA recommended relative humidity levels between 45-50%. Only supplemental dehumidification provides indoor humidity control regardless of air conditioner operation or outside moisture conditions.

The Quest Dry 105, 155 and 205 dehumidifiers rank among the MOST energy-efficient large capacity dehumidifiers on the market today. The Quest Dry 105, for example, exceeds Energy Star standards by 50% with its amazing 8.8 pints per kWh of water removal.

Engineered for the most challenging temperature and air flow issues, Quest Dry 105, 155 and 205 dehumidifiers will continue to protect your structure and control the inside environment, ensuring superior indoor air quality and the comfort of its occupants year round. MERV-11 filtration is standard on these units, capturing particles (including mold spores) down to 1 micron in size.

Quest ducting kits and condensate pumps are also available for all three units. These optional kits provide the ultimate in flexibility even for the most complex and difficult installation requirements and applications.

The Quest Dry 105 provides 105 pints per day of water removal at standard rating conditions (80°F/60%RH) while using only 4.9 amps/115V, and will effectively control humidity in areas up to 2500 sq. ft.

The Quest Dry 155 provides water removal of 155 pints per day at 80°F/60%RH using 8.0 amps/115V. The 155 conditions and controls areas up to 3600 sq. ft.

The Quest Dry 205 is the largest capacity of the group. This unit removes up to 205 pints of water per day using only 13.2 amps/115V and retains the same cabinet size as the 105 and the 155. Ideally suited for structures with high ceiling applications, the Quest Dry 205 effectively controls inside environments up to 5,000 square feet.

The Quest 105, 155 and 205 are pre-configured for fresh air ventilation and contain environmentally friendly R410A refrigerant.



PATENTS:
D570,988
8,069,681

ETL Listed



Features:

- Industry-leading efficiency, most efficient on the market today
- Patented, optimized air-to-air heat exchanger
- High-efficiency, long-life impeller fan
- Quiet operation and superior high static pressure performance
- Superior air filtration (MERV-11 standard)
- Pre-configured for fresh air ventilation
- Auto-restart after power outages
- Environmentally friendly R410A refrigerant

Water Removal Rates (Pints/Day)

105 pints	80°F, 60% (AHAM)	(Dry 105)
155 pints	80°F, 60% (AHAM)	(Dry 155)
205 pints	80°F, 60% (AHAM)	(Dry 205)



Specifications subject to change without notice.01/12



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High-Efficiency Ventilating Dehumidifier



Unit:	4032250 Dry 105	4031080 Dry 155	4031880 Dry 205
Blower: (Tested with duct collars on)	257 CFM @ 0.0" WG 206 CFM @ 0.2" WG 146 CFM @ 0.4" WG	391 CFM @ 0.0" WG 363 CFM @ 0.2" WG 337 CFM @ 0.4" WG	526 CFM @ 0.0" WG 495 CFM @ 0.2" WG 458 CFM @ 0.4" WG
Power:	530 Watts @ 80°F and 60% RH	920 Watts @ 80°F and 60% RH	1525 Watts @ 80°F and 60% RH
Supply voltage:	110-120 VAC - 1 Phase - 60 Hz.	110-120 VAC - 1 Phase - 60 Hz.	110-120 VAC - 1 Phase - 60 Hz.
Current Draw:	4.9 Amps	8.0 Amps	13.2 Amps
Energy Factor:	4.2	3.5	2.7
Operating Temp:	56°F Min - 95°F Max	56°F Min - 95°F Max	56°F Min - 95°F Max
Minimum Performance @ 80°F and 60% RH:			
Water Removal:	105 Pints/Day	155 Pints/Day	205 Pints/Day
Efficiency:	8.8 Pints/kWh	7.3 Pints/kWh	5.7 Pints/kWh
Duct Connections:	Inlet: 10" Round Duct Collar 6" Round Duct Collar Outlet: 10" Oval Duct Collar	Inlet: 10" Round Duct Collar 6" Round Duct Collar Outlet: 10" Oval Duct Collar	Inlet: 10" Round Duct Collar 6" Round Duct Collar Outlet: 10" Oval Duct Collar
Air Filter:	MERV-11 Size: 16" x 20" x 2"	MERV-11 Size: 16" x 20" x 2"	MERV-11 Size: 16" x 20" x 2"
Power Cord:	10' 16/3 SJT w/ 5-15P Plug	10' 16/3 SJT w/ 5-15P Plug	10' 16/3 SJT w/ 5-20P Plug *This unit requires a dedicated 20A circuit
Drain Connection:	3/4 FPT	3/4 FPT	3/4 FPT
Dimensions:	Unit Shipping	Unit Shipping	Unit Shipping
Width:	37.875" 42"	37.875" 42"	37.875" 42"
Height:	21.75" 28.25"	21.75" 28.25"	21.75" 28.25"
Length:	20.25" 24"	20.25" 24"	20.25" 24"
Weight:	140 lbs 160 lbs	140 lbs 160 lbs	150 lbs 170 lbs



Engineered Excellence for
Construction Professionals



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