

# Quest Dry 105, 155, and 205



## High-Efficiency Ventilating Dehumidifier

To avoid problems caused by moisture, such as odors, mold, 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. MERV-11 filtration is standard on these units, capturing particles (including mold spores) down to 1 micron in size.

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.

The Quest Dry 155 provides water removal of 155 pints per day at 80°F/60%RH using 8.0 amps/115V.

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.



PATENTS:  
D570,988  
8,069,681  
9,052,132

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)		
<b>105 pints</b>	<b>80°F, 60% (AHAM)</b>	<b>(Dry 105)</b>
<b>155 pints</b>	<b>80°F, 60% (AHAM)</b>	<b>(Dry 155)</b>
<b>205 pints</b>	<b>80°F, 60% (AHAM)</b>	<b>(Dry 205)</b>



Specifications subject to change without notice.06/15

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# Quest Dry 105, 155, and 205

## High-Efficiency Ventilating Dehumidifier



Unit:	4032250 Dry 105		4031080 Dry 155		4031880 Dry 205	
<b>Blower:</b> (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	
<b>Power:</b>	530 Watts @ 80°F and 60% RH		920 Watts @ 80°F and 60% RH		1525 Watts @ 80°F and 60% RH	
<b>Supply voltage:</b>	110-120 VAC - 1 Phase - 60 Hz.		110-120 VAC - 1 Phase - 60 Hz.		110-120 VAC - 1 Phase - 60 Hz.	
<b>Current Draw:</b>	4.9 Amps		8.0 Amps		13.2 Amps	
<b>Energy Factor:</b>	4.2		3.5		2.7	
<b>Operating Temp:</b>	56°F Min - 95°F Max		56°F Min - 95°F Max		56°F Min - 95°F Max	
<b>Minimum Performance @ 80°F and 60% RH:</b>						
<b>Water Removal:</b>	105 Pints/Day		155 Pints/Day		205 Pints/Day	
<b>Efficiency:</b>	8.8 Pints/kWh		7.3 Pints/kWh		5.7 Pints/kWh	
<b>Duct Connections:</b>	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	
<b>Air Filter:</b>	MERV-11 Size: 16" x 20" x 2"		MERV-11 Size: 16" x 20" x 2"		MERV-11 Size: 16" x 20" x 2"	
<b>Power Cord:</b>	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	
<b>Drain Connection:</b>	3/4 FPT		3/4 FPT		3/4 FPT	
<b>Dimensions:</b>	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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