

Quest 105, 155, and 205 Dual



High-Efficiency Dual Air Distribution 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 105, 155 and 205 Dual plug-n-play dehumidifiers are among the MOST energy-efficient large capacity dehumidifiers on the market today. The Quest 105 Dual for example, exceeds Energy Star standards by 50% with its 8.8 pints per kWh of water removal.

The Quest Duals' horizontal configuration, patent pending dual outlet design, and insulated cabinet for quieter operation enable their exceptional performance in almost any application. These units are also optimized for low heat load, so they will continue to control humidity even when it is cool and humid outside. The Quest Duals are plug-n-play, requiring no installation. Optional condensate pump and ducting kits provide the ultimate in flexibility for the most challenging space restrictions and specialized applications. Quest 105, 155 and 205 Dual 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.

The Quest 105 Dual 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 155 Dual provides water removal of 155 pints per day at 80°F/60%RH using 8.0 amps/115V.

The Quest 205 Dual 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

ETL Listed



Features:

- Industry-leading efficiency, most efficient on the market today
- Plug-N-Play
- 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)
- Patent Pending Dual air distribution
- Auto-restart after power outages
- Environmentally friendly R410A refrigerant

Water Removal Rates (Pints/Day)

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



Specifications subject to change without notice. 01/12



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High-Efficiency Dual Air Distribution Dehumidifier



Unit:	4032270 105 Dual	4031490 155 Dual	4033060 205 Dual
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:	115 volt - 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 L/kWh	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
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', 110-120 VAC, Ground	10', 110-120 VAC, Ground	10', 110-120 VAC, Ground *This unit requires a dedicated 20A circuit
Drain Connection:	3/4" Threaded NPT	3/4" Threaded NPT	3/4" Threaded NPT
Dimensions:	Unit Shipping	Unit Shipping	Unit Shipping
Width:	20.25" 24"	20.25" 24"	20.25" 24"
Height:	21.75" 28.25"	21.75" 28.25"	21.75" 28.25"
Length:	38" 42"	38" 42"	38" 42"
Weight:	140 lbs 160 lbs	140 lbs 160 lbs	150 lbs 170 lbs



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