

Ultra-Aire™ XT155H Ventilating Dehumidifier

Specification Data

PATENTS:
D570,988
8,069,681



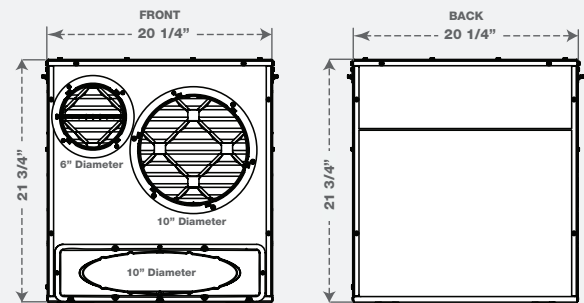
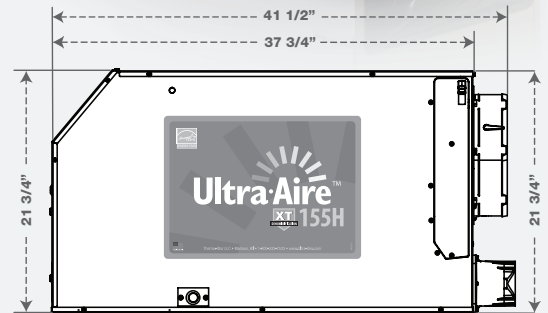
Capacities and Performance

Part Number:	4031070	
Blower:	391 CFM @ 0.0" WG 363 CFM @ 0.2" WG 337 CFM @ 0.4" WG	
Power:	920 Watts @ 80°F and 60% RH	
Supply Voltage:	115 VAC – 1phase – 60 Hz	
Current Draw:	8.0 Amps	
Energy Factor:	3.4 L/kWh	
Operating Range:	56°F - 95°F Max (Inlet Air Temperature) 34°F and 135°F Max (Outside Cabinet)	
Sized for:	Up to 3,500 Sq. Ft. - Typical	
Minimum Performance at:	80°F and 60% RH	70°F and 60% RH
Water Removal:	155 pints/day	123 pints/day
Efficiency:	7.3 Pints/kWh	6.0 Pints/kWh
Duct Connections:	6" Round Inlet; 10" Round Inlet; 10" Oval Outlet	
Air Filter:	MERV-11, Standard Pleat	
Efficiency:	65% ASHRAE Dust Spot	
Size:	16" x 20" x 2"	
Optional Air Filter:	MERV-14, Embossed Pleat (will need filter housing)	
Efficiency:	95% ASHRAE Dust Spot	
Size:	20" x 24" x 4"	
Power Cord:	9', 115 VAC, Ground	
Internal Insulated Cabinet:	Yes	
Drain Connection:	3/4" Threaded Female NPT	
Refrigerant Type:	R410A (Refer to manufacturers label for more information)	
Refrigerant Amount:	2 lbs., 1 oz.	

Dimensions:	Unit With Collars	Unit Without Collars	Shipping
Width:	20 1/4"	20 1/4"	25"
Height:	21 3/4"	21 3/4"	28"
Length:	41 1/2"	37 3/4"	42"
Weight:	140 lbs.	139 lbs.	162 lbs.



4031070



Optional Accessories

4028539	DEH 3000 Control
4028407	DEH 3000R Control (with Remote)
4021475	MERV 11 Filter (16"x20"x2")
4027420	MERV 11 Filters 4-Pack
4027424	MERV 11 Filters 12-Pack
4028614	Pump Kit
4036685	Hang Kit
4025287	MERV 14 Filter Housing
4024370	MERV 14 Filter (20"x24"x4")
4029087	MERV 14 Filter 3-Pack
4023672	6" Motorized Damper
4026859	6" Flex Duct 25'
4020128	6" Flex Insulated Duct 25'
4020656	6" Inlet/Exhaust Hood
4024375	10" Gravity Damper
4026969	10" Flex Duct 25'
4022126	10" Flex Insulated Duct 25'
4028399	10" Oval to Round Adapter



P/N 4028539

With Remote: P/N 4028407

DEH 3000 Control

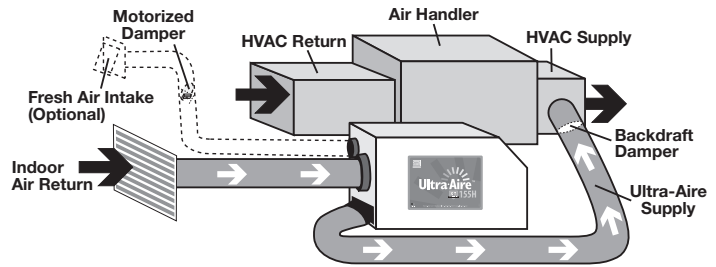
- Digital Control of Relative Humidity
- Fan/Filter Operation
- Programmable Ventilation Timer
- Large, easy-to-read backlit LCD display
- Easy interaction with air handler fan
- High Temperature Cut-Out
- Dryout Cycle Timer
- Auto Reboot
- Remote Sensor (DEH 3000R Only)

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Recommended Installations

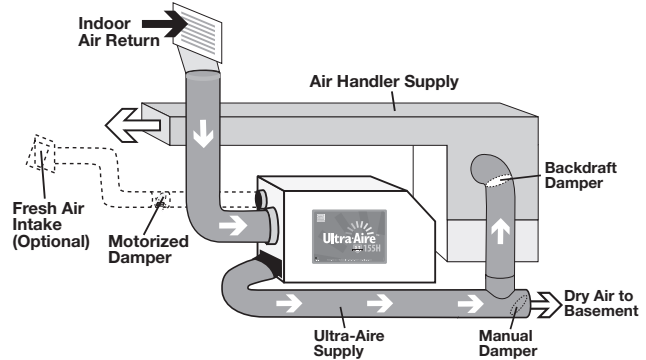
Dedicated Return to HVAC Supply

- Create a separate return for the Ultra-Aire XT155H in a central area of the building.
- Duct the supply of the Ultra-Aire XT155H to the air supply of the HVAC system with a back draft damper.



Whole House and Basement/Crawlspace Dedicated Return to HVAC Supply

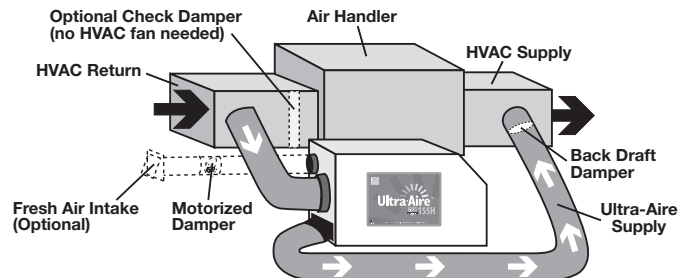
- Duct the supply of the Ultra-Aire XT155H to a 10" x 10" x 10" tee damper that is 20 percent open to the basement/crawlspace.
- Duct the other side of the tee to the air supply of the existing HVAC system with a backdraft damper.



Alternative Installations

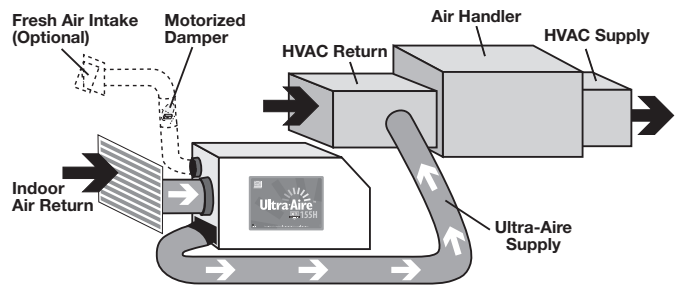
HVAC Return to HVAC Supply

- Check Damper should be in place between the Return and Supply connections of the dehumidifier.
- If Check Damper is not in place, the A/C fan must turn on when the dehumidifier is in operation.



Dedicated Return to HVAC Return

- Create a separate return for the Ultra-Aire XT155H in a central area of the building.
- Installing the supply air from the Ultra-Aire XT155H in the return of the HVAC system requires the HVAC fan to run when the Ultra-Aire XT155H is operating.



HVAC Return to HVAC Return

- Check Damper should be in place between the Return and Supply connections of the dehumidifier.
- If Check Damper is not in place, the A/C fan must turn on when the dehumidifier is in operation.

