

SANTA-FE ULTRA V205



SANTA-FE™
DEHUMIDIFIERS

MODEL 4046180

Water Removal Per Day

80°F / 60% RH @ 0" WC (AHAM)	205 Pints / 25.625 Gallons
73°F / 60% RH @ 0.2" WC (DOE)	173 Pints / 21.625 Gallons
75°F / 55% RH @ 0.2" WC (MANUAL S)	149 Pints / 18.625 Gallons
75°F / 50% RH @ 0.2" WC (MANUAL J)	126 Pints / 15.75 Gallons

Latent Capacity Per Hour

80°F / 60% RH @ 0" WC (AHAM)	9,146 BTUs
73°F / 60% RH @ 0.2" WC (DOE)	7,946 BTUs
75°F / 55% RH @ 0.2" WC (MANUAL S)	7,580 BTUs
75°F / 50% RH @ 0.2" WC (MANUAL J)	5,788 BTUs

Efficiency

80°F / 60% RH @ 0" WC (AHAM)	7.5 Pints/kWh
73°F / 60% RH @ 0.2" WC (DOE)	6.3 Pints/kWh

Energy Factor

80°F / 60% RH @ 0" WC (AHAM)	3.5 L/kWh
73°F / 60% RH @ 0.2" WC (DOE)	3.0 L/kWh

Max. Recommended Ventilation Air

Blower	550 CFM @ 0.0" WC
	515 CFM @ 0.2" WC
	470 CFM @ 0.4" WC

Fan

Fan	260 Watts
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Operating Temperature

Operating Temperature	40°F Min., 104°F Max.
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Sizing

Sizing	Up to 5,000 Sq. Ft. / 50,000 Cu. Ft.
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Power

Power	1,115 watts @ 73°F and 60% RH
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Supply Voltage

Supply Voltage	110-120V, 60 Hz
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Current Draw

Current Draw	12.5 Amps @ 104°F / 36% RH
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Filter

Filter	MERV-13
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Power Cord

Power Cord	10', 115 VAC, Ground
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Plug

Plug	Type B (USA, MEX, CAN, JPN)
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Circuit Requirement

Circuit Requirement	15 Amp Dedicated
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Duct Connections

Duct Connections	8" Round Inlet, 10" Round Inlet, 10" Round Outlet
Drain Connection	3/4" Threaded Female NPT

Refrigerant	R454B, 3 lbs.
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Unit Dimensions	26.75"W x 20.75"H x 38"D
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Unit Weight	148 lbs.
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Shipping Dimensions	26"W x 21.2"H x 45.1"D
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Shipping Weight	170 lbs.
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Pallet Quantity	2 per pallet
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UPC Number	00810017961788
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Shipping Options	UPS, LTL
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Project: _____

Date: _____

Location: _____

Contractor: _____

Dealer: _____

Suppliers: _____

Architect: _____

Engineer: _____

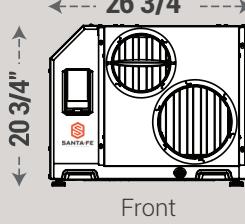


38"

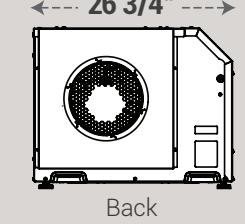
23 1/2"



Side



Front



Back

26 3/4"

26 3/4"

20 3/4"

20 3/4"



6-YEAR
TOTAL PEACE OF MIND
WARRANTY

5-YEAR FULL REPLACEMENT + 1-YEAR PARTS



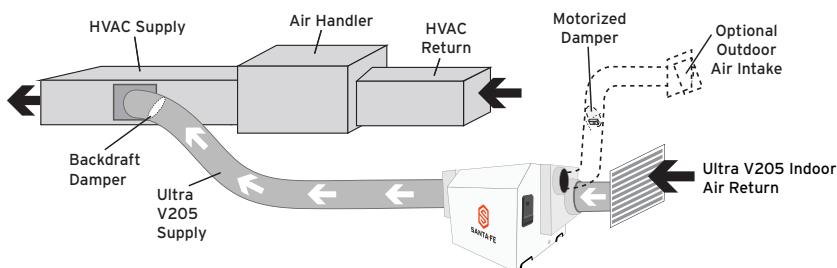
ENGINEERED & ASSEMBLED
MADISON, WI

RECOMMENDED INSTALLATIONS

Dedicated Santa-Fe Return to HVAC Supply - Attic

The recommended installation draws air from a central location through a dedicated return to the dehumidifier and ducts the supply of the dehumidifier to the air supply of the HVAC system. Utilize the optional outdoor air ventilation duct to provide outdoor air.

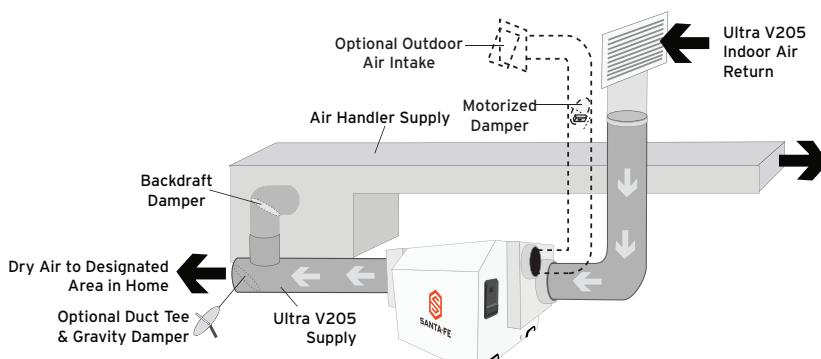
- Install a dedicated 10" air return for the Santa-Fe Ultra V205 from a central area of the structure.
- Duct the supply of the Santa-Fe Ultra V205 to the supply of the HVAC system with a backdraft damper.
- If the existing system has multiple returns, instead of installing a dedicated return to the Santa-Fe Ultra V205, it is possible to select one to disconnect from the existing HVAC system and use it for the dedicated Santa-Fe Ultra V205 return. Select a return from a central location in the house that is always open to the rest of the structure. DO NOT use a return from a room where doors are kept closed.
- DO NOT locate return in a bathroom or kitchen.
- Control should be located remotely from the dehumidifier and placed in a central location.



Dedicated Santa-Fe Return to HVAC Supply - Basement or Crawl Space

Install a separate 10" return for the Ultra V205 in a central area of the structure. Duct the supply of the dehumidifier to the air supply of the HVAC system with a backdraft damper.

Optional: Duct the supply of the Ultra V205 to a 10" x 10" x 10" tee/damper with a gravity draft damper, adjusted to 20% open to the basement. CAUTION: Air takes the path of least resistance. If the upper levels of the living space are not receiving the appropriate amount of dry air, this damper may need to be adjusted. When the dehumidifier is not running, there is a chance that air from the basement or crawlspace will make its way back through the gravity damper and into the living space.



ACCESSORIES



MERV-13 FILTER

PART NUMBER:
4042787



DEH 3000 / DEH 3000R CONTROL

DEH 3000 PART NUMBER: 4028539

DEH 3000R PART NUMBER: 4028407



DEHUMIDIFIER RISERS

PART NUMBER:
4042109
1-Pack (4 Risers/Pack)

PART NUMBER:
4041602
10-Pack (4 Risers/Pack)



SMARTAIRE™ POWER DAMPER

PART NUMBER:
4042960



CONDENSATE PUMP

PART NUMBER:
4022220

