

**FEATURES**

Unique High/Normal dehumidification modes allow for any installation

Horizontal cabinet is conveniently sized for installation in crawl space or basement

Engineered for quiet operation with the option to be placed in quiet mode when needed

Exceeds ENERGY STAR® efficiency requirements

MERV-13 filter provides superior air filtration

Engineered for low temperature operation and the air flow issues that crawl spaces present

Digital controls for state of the art humidity control and system diagnostics

Caster wheels and leveling feet included to allow for various installations

Available to control and monitor remotely through the Santa Fe Connect phone app

**ACCESSORIES**

4035319 MERV-11 Filter (14" x 17.5" x 1.75")

4035131 MERV-11 Filters 4-Pack

4035132 MERV-11 Filters 12-Pack

4037722 MERV-13 Filter (14" x 17.5" x 1.75")

4037731 MERV-13 Filters 4-Pack

4037732 MERV-13 Filters 12-Pack

4033038 Pump Kit

4036695 Hang Kit

4039455 Duct Kit, Supply Only

4035646 Duct Kit, Return Only

4026969 10" Flex Duct 25'

4022126 10" Flex Insulated Duct 25'



Compatible with the Santa Fe Connect



**PRODUCT SPECIFICATIONS**

Part Number	4031955	
Blower - High Mode	325 CFM @ 0.0" WG	
Blower - Normal Mode	215 CFM @ 0.0" WG	
Power - High Mode	665 watts @ 80°F and 60% RH	
Power - Normal Mode	675 watts @ 80°F and 60% RH	
Supply Voltage	115 volt – 1phase – 60 Hz	
Current Draw	High Mode - 5.7 amps Normal Mode - 5.8 amps	
Operating Temperature	49°F Min., 95°F Max.	
Crawl Space Sizing		
Very Tightly Sealed	Up to 3,700 Sq. Ft. (18,000 Cu. Ft.)	
Moderately Sealed	Up to 2,800 Sq. Ft. (14,000 Cu. Ft.)	
Some Leaks & Imperfections	Up to 2,400 Sq. Ft. (12,000 Cu. Ft.)	
Basement Sizing		
Very Tightly Sealed	Up to 2,900 Sq. Ft. (29,000 Cu. Ft.)	
Moderately Sealed	Up to 2,600 Sq. Ft. (26,000 Cu. Ft.)	
Some Leaks & Imperfections	Up to 2,400 Sq. Ft. (24,000 Cu. Ft.)	
Minimum Performance at	80°F and 60%RH	70°F and 60%RH
Water Removal - High Mode	100 Pints/Day	74 Pints/Day
Water Removal - Normal Mode	86 Pints/Day	65 Pints/Day
Efficiency - High Mode	6.2 Pints/kWh	5.4 Pints/kWh
Efficiency - Normal Mode	5.3 Pints/kWh	4.7 Pints/kWh
Energy Factor- High Mode	2.93 L/kWh	2.55 L/kWh
Energy Factor - Normal Mode	2.50 L/kWh	2.22 L/kWh
Air Filter	MERV-13, Standard Pleat	
Size	14" x 17.5" x 1.75"	
Power Cord	9', 115 VAC, Ground	
Drain Connection	3/4" Threaded Female NPT	
Drain Hose	8' Direct Gravity Drain Hose (5/8" ID x 7/8" OD)	
Refrigerant	R410A, 1 lb., 9 oz.	
Unit Dimensions	14.5"W x 19.5"H x 26"D	
Shipping Dimensions	23"W x 30"H x 40"D	
Unit Weight	80 lbs.	
Shipping Weight	100 lbs.	

**INSTALLATIONS**

**Supply Kit Only**

Place the Santa Fe Advance100 in the unfinished area of the basement, near a drain access (condensate will drain via gravity or with an optional pump kit).

Using the supply duct collar, supply the dry air from the dehumidifier into a large, open area in the finished section of the basement.

Place a return grill / passive vent on the other side of the wall that separates the finished and unfinished areas. This will allow for a circular air flow throughout the basement.

The passive grill will prevent the unfinished room from being placed under a negative pressure and also allow the dehumidifier to focus on keeping the unfinished area dry as well. .

Be sure to keep all doors open to any other rooms in the basement to help with proper air circulation (bedrooms, bathrooms, etc.).

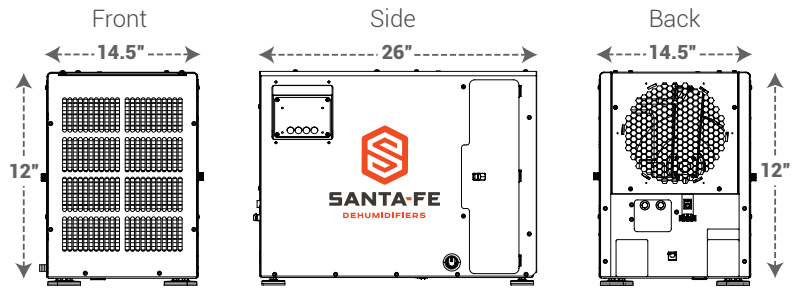
**Supply and Return Duct Kit**

Place the Santa Fe Advance100 in the unfinished area of the basement, near a drain access (condensate will drain via gravity or with an optional pump kit).

Using the supply and return duct kit, supply the dry air from the dehumidifier into a large, open area of the finished basement. Use the return duct kit to draw air back through the dehumidifier.

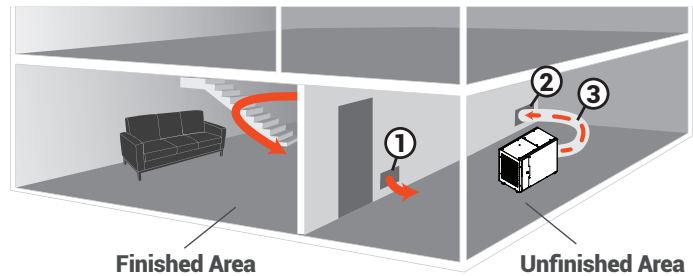
Be sure the return and supply are at least 10 feet away from each other for proper air flow throughout the basement. Add a passive grill between the finished and unfinished areas (\*or have a 2" gap under the door separating the two rooms). This will help keep the unfinished area dry as well.

Be sure to keep all doors open to any other rooms in the basement to help with proper air circulation (bedrooms, bathrooms, etc.).



**Supply Kit Only**

- ① Passive Return Vent
- ② Supply Grill
- ③ Supply / Discharge Duct Work



**Supply and Return Duct Kit**

- ① Return Grill
- ② Passive Return Vent\*
- ③ Supply Grill
- ④ Supply / Discharge Duct Work
- ⑤ Return / Intake Duct Work

