



The **Santa Fe Advance2** has a horizontal configuration and unique dual airflow outlets that make it an ideal solution for basements and crawl spaces. Installation flexibility makes the unit ideal for almost any application. No conventional dehumidifier can perform as efficiently and effectively in basements and crawl spaces as the Santa Fe Advance2.

Part Number:	4034180
Blower:	309 CFM @ 0.0" WG
Power:	640 watts @ 80°F and 60% RH
Supply Voltage:	115 volt – 1 phase – 60 Hz
Current Draw:	5.7 amps
Operating Temp.:	49°F Min., 95°F Max.

Sized For: (Refer to website for more sizing considerations)

Crawl Space

Very Tightly Sealed	Up to 3,400 Sq. Ft. (17,000 Cu. Ft.)
Moderately Sealed	Up to 2,600 Sq. Ft. (13,000 Cu. Ft.)
Some Leaks & Imperfections	Up to 2,200 Sq. Ft. (11,000 Cu. Ft.)

Basement

Very Tightly Sealed	Up to 2,700 Sq. Ft. (27,000 Cu. Ft.)
Moderately Sealed	Up to 2,400 Sq. Ft. (24,000 Cu. Ft.)
Some Leaks & Imperfections	Up to 2,200 Sq. Ft. (22,000 Cu. Ft.)

Minimum Performance at:

	80°F and 60%RH	70°F and 60%RH
Water Removal:	90 Pints/Day	71 Pints/Day
Efficiency:	6.1 Pints/kWh	4.9 Pints/kWh
Energy Factor:	2.88 L/kWh	2.3 L/kWh

Air Filter:	MERV-8, Standard Pleat
Size:	14" x 17.5" x 2"

Power Cord:	9', 115 VAC, Ground
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Drain Connection:	3/4" Threaded Female NPT
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Drain Hose:	8' Direct Gravity Drain Hose (5/8" ID x 7/8" OD)
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Refrigerant Type:	R410A (Refer to manufacturers label for more information)
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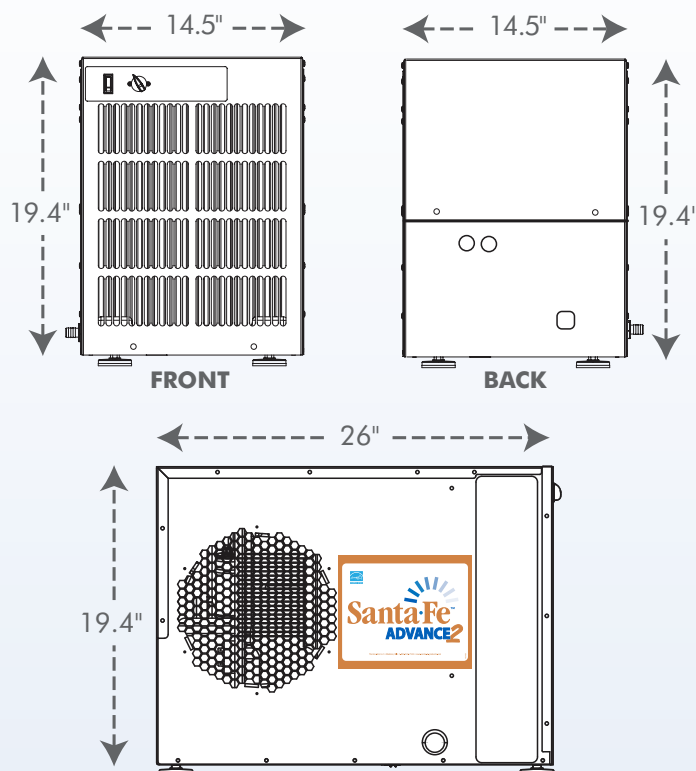
Refrigerant Amount:	1 lb., 5 oz.
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Dimensions:	Unit	Shipping
Width:	14.5"	23"
Height:	19.4"	30"
Length:	26"	40"
Weight:	80 lbs	95 lbs

Optional Accessories:

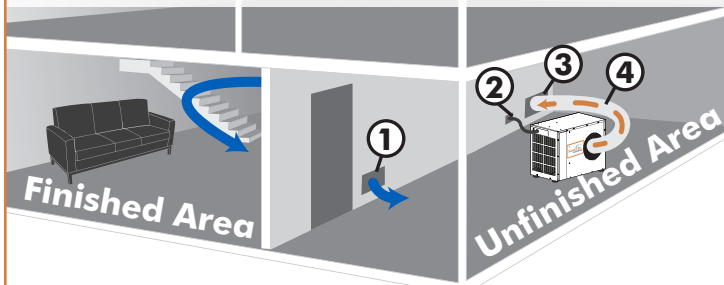
4031062	MERV-8 Filter (1.75" x 14" x 17.5")
4033036	MERV-8 Filters 4-Pack
4033037	MERV-8 Filters 12-Pack
4035319	MERV-11 Filter (1.75" x 14" x 17.5")
4035131	MERV-11 Filters 4-Pack
4035132	MERV-11 Filters 12-Pack
4033038	Pump Kit
4028616	Caster Kit
4036695	Hang Kit
4033039	Duct Kit, Supply Only
4035646	Duct Kit, Return Only
4026969	10" Flex Duct 25'
4022126	10" Flex Insulated Duct 25'
4020175	Remote Dehumidistat

- **Dual exhaust outlets** allow for air distribution to multiple locations
- Horizontal cabinet is **conveniently sized** for installation in crawl space or basement
- Engineered for **quiet operation**
- **Exceeds ENERGY STAR®** efficiency requirements
- **Large capacity** water removal of 90 pints/day
- MERV-8 Filter provides **superior air filtration** (MERV-11 option available)
- Engineered for **low temperature operation** and the air flow issues that crawl spaces present
- **Ducting options** for divided spaces
- **Auto restart** allows the dehumidifier to automatically restart after a power outage



Recommended Installations for Ducting to Finished Areas

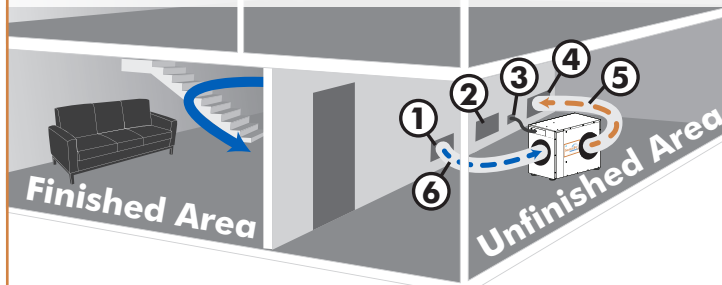
Installation of a Santa Fe Advance2 With a Supply Kit Only



- ① Passive Return Vent
- ② Optional Wall Mount Dehumidistat (mounts on opposite wall in finished area)
- ③ Supply Grill
- ④ Supply/Discharge Duct Work

- Place the Santa Fe Advance2 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.
- The onboard dehumidistat control can be used on the unit for this application or a 120 volt dehumidistat can be placed in the finished basement as well (we recommend using an electrician to run the wiring).
- Be sure to keep all doors open to any other rooms in the basement to help with proper air circulation (bedrooms, bathrooms, etc.)

Installation of a Santa Fe Advance2 With a Supply and Return Duct Kit



- ① Return Grill
- ② Passive Return Vent*
- ③ Optional Wall Mount Dehumidistat (mounts on opposite wall in finished area)
- ④ Supply Grill
- ⑤ Supply/Discharge Duct Work
- ⑥ Return/Intake Duct Work

- Place the Santa Fe Advance2 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.
- Use the 120 volt, wall mounted dehumidistat for this installation for proper run time on the dehumidifier (we recommend using an electrician to install the separate 120 volt control).
- Be sure to keep all doors open to any other rooms in the basement to help with proper air circulation (bedrooms, bathrooms, etc.)



One of the best Limited Warranties in the industry.