



MADISON, WIS.

Santa Fe FORCE



The **Santa Fe Force** has a horizontal configuration and unique dual airflow outlets that make it an ideal solution for basements and crawl spaces. It is engineered for quiet operation, and the optional condensate pump and duct kit provide the installation flexibility to handle almost any application.

Part Number:	4034160
Blower:	365 CFM @ 0.0" WG
Power:	850 watts @ 80°F and 60% RH
Supply Voltage:	115 volt – 1phase – 60 Hz
Current Draw:	7.3 amps
Operating Temp.:	56°F Min., 95°F Max.

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

Crawl Space

Very Tightly Sealed	Up to 4,100 Sq. Ft. (20,500 Cu. Ft.)
Moderately Sealed	Up to 3,300 Sq. Ft. (16,500 Cu. Ft.)
Some Leaks & Imperfections	Up to 2,900 Sq. Ft. (14,500 Cu. Ft.)

Basement

Very Tightly Sealed	Up to 3,400 Sq. Ft. (34,000 Cu. Ft.)
Moderately Sealed	Up to 3,100 Sq. Ft. (31,000 Cu. Ft.)
Some Leaks & Imperfections	Up to 2,900 Sq. Ft. (29,000 Cu. Ft.)

Minimum Performance at:

	80°F and 60%RH	70°F and 60%RH
Water Removal:	120 Pints/Day	91 Pints/Day
Efficiency:	6.1 Pints/kWh	4.9 Pints/kWh
Energy Factor:	2.89 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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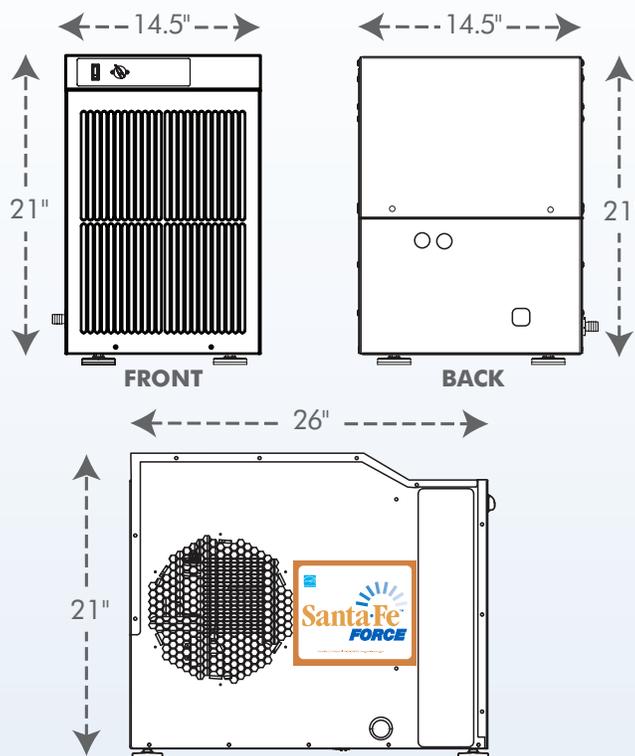
Refrigerant Amount:	1 lb., 9.6 oz.
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Dimensions:	Unit	Shipping
Width:	14.5"	23"
Height:	21"	33"
Length:	26"	40"
Weight:	90 lbs	102 lbs

Optional Accessories:

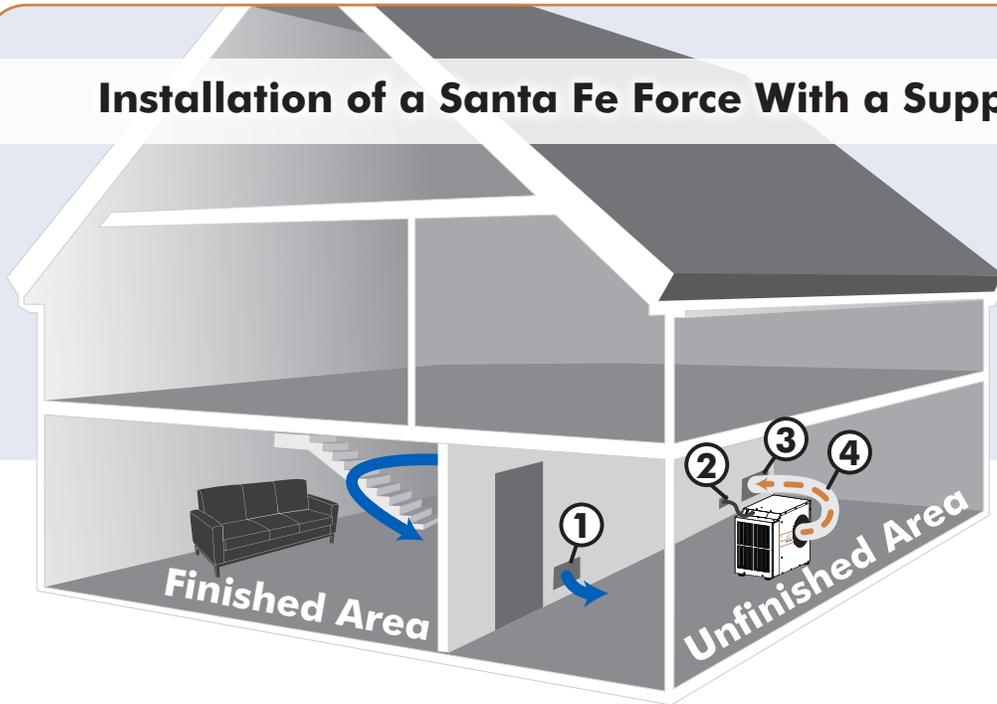
4031062	MERV 8 Filter (1.75"x14"x17.5")
4033036	MERV 8 Filters 4-Pack
4033037	MERV 8 Filters 12-Pack
4035319	MERV 11 Filter (1.75"x14"x17.5")
4035131	MERV 11 Filters 4-Pack
4035132	MERV 11 Filters 12-Pack
4033038	Pump Kit
4028616	Caster Kit
4036695	Hang Kit
4033039	Duct Kit, Supply Only (two 10" collars)
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 solution** is great for larger basement or crawl space applications
- Engineered for **quiet operation**
- **Exceeds ENERGY STAR®** efficiency requirements
- **Large capacity** water removal of 120 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 Installation for Ducting to Finished Areas

Installation of a Santa Fe Force With a Supply Duct 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 Force 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.).



One of the best Limited Warranties in the industry.