



The **Santa Fe Impact XT** is the most energy efficient dehumidifier on the market. It effectively dehumidifies up to *2,500 square feet and is the ideal unit for meeting aggressive energy use targets. The Santa Fe Impact XT is engineered for extremely quiet operation and is optimized for low heat load.

Part Number:	4032230
Blower:	257 CFM @ 0.0" WG
Power:	530 watts @ 80°F and 60% RH
Supply Voltage:	115 volt – 1phase – 60 Hz
Current Draw:	4.9 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 3,700 Sq. Ft. (18,500 Cu. Ft.)
Moderately Sealed	Up to 2,900 Sq. Ft. (14,500 Cu. Ft.)
Some Leaks & Imperfections	Up to 2,500 Sq. Ft. (12,500 Cu. Ft.)

Basement

Very Tightly Sealed	Up to 3,000 Sq. Ft. (30,000 Cu. Ft.)
Moderately Sealed	Up to 2,700 Sq. Ft. (27,000 Cu. Ft.)
Some Leaks & Imperfections	Up to 2,500 Sq. Ft. (25,000 Cu. Ft.)

Minimum Performance at:

	80°F and 60%RH	70°F and 60%RH
Water Removal:	105 Pints/Day	85 Pints/Day
Efficiency:	8.8 Pints/kWh	7.8 Pints/kWh
Energy Factor:	4.2 L/kWh	3.7 L/kWh

Air Filter:	MERV-13, Standard Pleat
Size:	16" x 20" 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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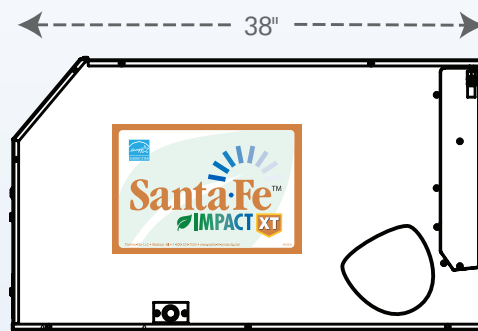
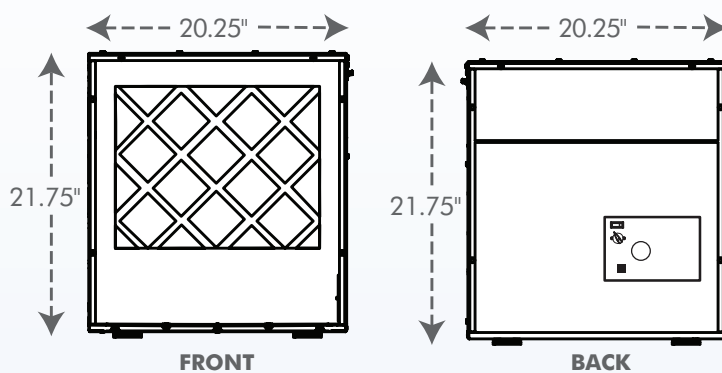
Refrigerant Amount:	1 lb., 13 oz.
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Dimensions:	Unit	Shipping
Width:	20.25"	25"
Height:	21.75"	28"
Length:	38"	42"
Weight:	140 lbs	156 lbs

Optional Accessories:

4037723	MERV-13 Filter (16" x 20" x 2")
4037733	MERV-13 Filters 4-Pack
4037734	MERV-13 Filters 12-Pack
4028614	Pump Kit
4028616	Caster Kit
4036685	Hang Kit
4028607	Duct Kit, Supply Only
4028610	Duct Kit, Return Only
4026969	10" Flex Duct 25'
4022126	10" Flex Insulated Duct 25'
4024750	12" Flex Duct 25'
4028366	12" Flex Insulated Duct 25'
4020175	Remote Dehumidistat

- **Dual exhaust outlets** allow for air distribution to multiple locations
- **Horizontal solution** is great for basement or crawl space application
- Engineered for extremely **quiet operation**
- The **most energy-efficient** large capacity residential dehumidifier on the market
- **Large capacity** water removal of 105 pints/day
- MERV-13 filter provides **superior air filtration**
- 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

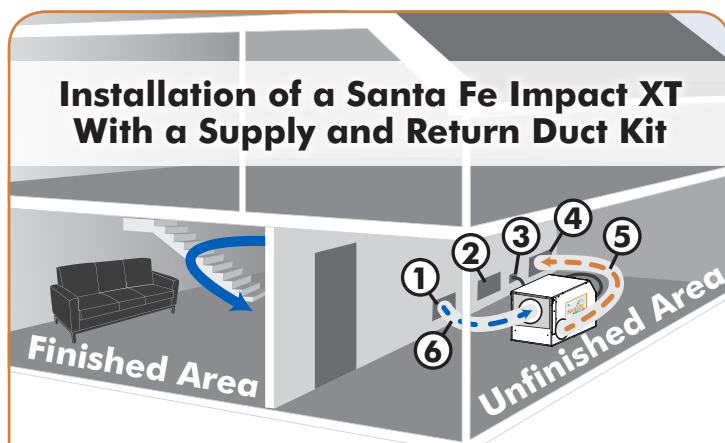


Recommended Installations for Ducting to Finished Areas



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

- Place the Santa Fe Impact XT 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 and unfinished sections 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.)



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

- Place the Santa Fe Impact XT 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 and unfinished sections of the 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.)



The Best in the Industry!