



▶ SANTA FE SMARTAIRE™ POWER DAMPER



The Santa Fe **SmartAire™ Power Damper** easily integrates with the Santa Fe line of Ultra Whole House Ventilating dehumidifiers to control the ventilation through the dehumidifier - eliminating the need for an external ventilation controller.

MODEL 4042960

VENTILATION + DEHUMIDIFICATION + FILTRATION

The Santa Fe Ultra series of whole-house ventilating dehumidifiers can bring fresh, filtered outdoor air to the home to meet ASHRAE 62.2 and other ventilation requirements. This process dilutes allergens and contaminants, all while dehumidifying the entire home to maintain a set relative humidity (RH) level.

With superior MERV-13 filtration, a Santa Fe whole house ventilating dehumidifier can remove 90% of the common outdoor allergens.

FEATURES

- + **ASHRAE Standard:** When properly installed and set, this unit can be used to comply with ASHRAE 62.2.
- + **Smart Ventilation:** By continually monitoring the last 48 hours of outdoor temperature and humidity levels, the unit is able to estimate the best time of day to allow fresh air into the home.
- + **Comfort Modes:** Features five selectable comfort modes to best suit your specific climate zone.
- + **Air Leakage Protection:** An insulated duct and port seal protects against air leakage and condensation.
- + **Covered Controls:** Prevents unintended changes of settings.
- + **Integrated Switch:** Allows the damper to be turned off without a change of settings.
- + **UL Listed:** The damper conforms to UL1995.



ULTRA70



ULTRA98



ULTRA120



ULTRA120V



ULTRA155



ULTRA205



SANTA-FE™
INDOOR AIR QUALITY SOLUTIONS

BUILT TO LAST. POWERED TO PROTECT.

Product Combination Benefits

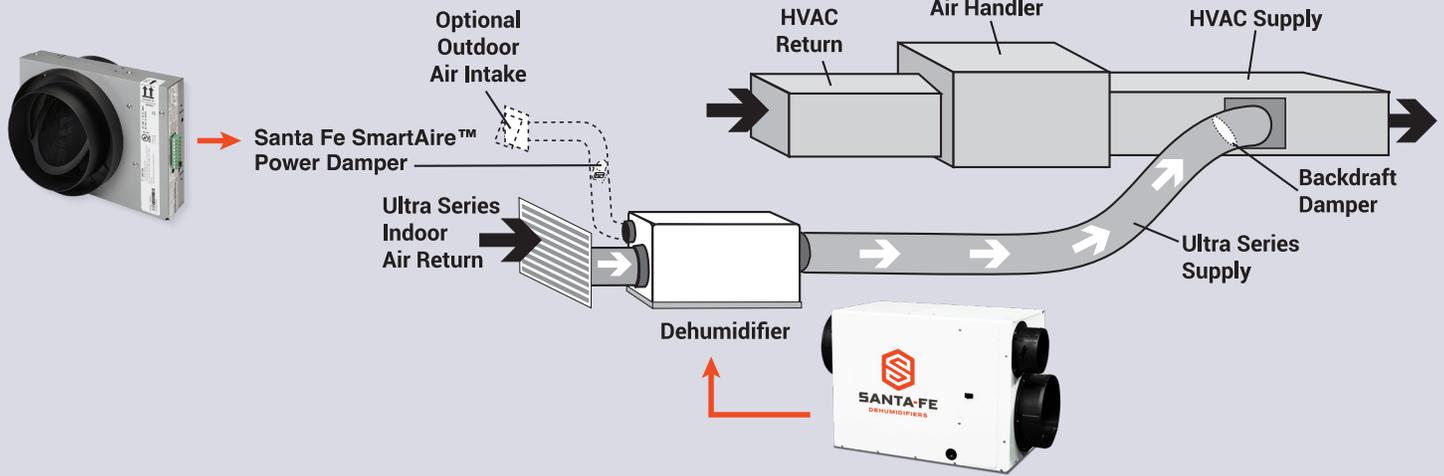
Utilize the Santa Fe dehumidifier fan to provide fresh air ventilation in place of the air handler central fan.

- + Dehumidifier fan can operate separate of dehumidifier compressor, allowing ventilation when compressor is not running.
- + Dehumidifier compressor and fan will still operate based on humidistat control.

Installation Made Easy

Engineered with the end user in mind, this motorized damper from Santa Fe offers the ultimate in installation flexibility.

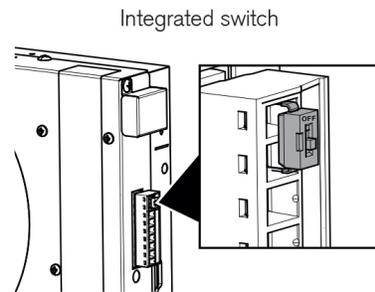
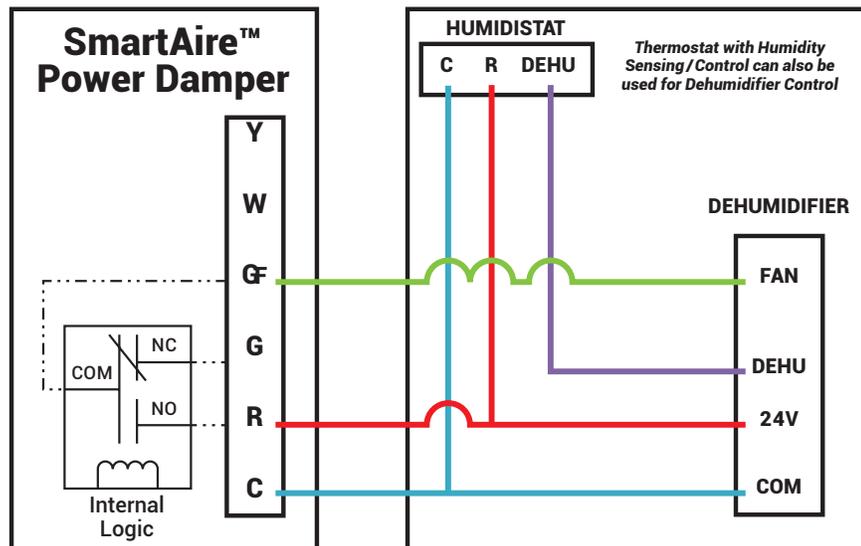
- + **In-line Installation:** Capable of being installed in the conventional in-line configuration, it can be placed on a horizontal surface or suspended beside, below, or above studs and trusses.
- + **Simple Wiring:** A removable terminal block for easier wiring installation.



The SmartAire™ Power Damper and any of the Ultra Series dehumidifiers can be wired independently of a home's air handling system.

- + SmartAire™ Power Damper can be powered by the dehumidifier.
- + Wiring allows SmartAire™ Power Damper to control dehumidifier fan independently of the compressor.
- + Separate humidistat or thermostat with humidity sensing and control can be wired to control dehumidifier.

Wire according to the below diagram and set integrated switch to Off (I).



Testing Function of the SmartAire™ Power Damper

Set the integrated switch to ON and either:

- + Wait 30 minutes for operation.
- + Use a temporary jumper wire to connect R and Y for immediate operation.
- + The damper should then operate and the Dehumidifier fan should come on.
- + Make sure to set integrated switch back to Off (I) after testing.