SER 260D Fresh Air Appliance

Side duct connection ERV, 267 cfm
Item #: 463280
Variant: 120V 1~ 60Hz

- Airflow up to 239 cfm @ 0.4" PS
- Removable screw terminal for easy connection
- ERV transfers both heat and humidity
- Optional drain line
- Anti-microbial material
- Withstands freezing
- AHRI certified
- Fans with backward curved RadiCAL blade
- No balancing required

Application

Suitable for very large residential or small commercial applications, the compact SER260D comes with access panels on both sides of the unit for installation versatility.

How it works

The SER260D unit brings a continuous supply of fresh air into a home while exhausting an equal amount of contaminated air. The enthalpic core at the center of the unit transfers heat and moisture from the incoming air to the outgoing air that was cooled and dried by the building's air conditioner.
When it is warm and humid outside and the indoors are cooled and dehumidified already, the ERV pre-cools the fresh incoming air and transfers a portion of the incoming humidity into the exhaust air, reducing the ventilation load. Reducing the load on the homes air conditioner, saves on cooling costs. This unit is designed for warmer, humid climates with longer cooling seasons.

Defrost cycle

The unit has a built-in defrost mechanism that activates at 23°F in order to prevent the energy transfer core from freezing. Also included are a condensation drain pan & spout.
Note: If you are using the appliance for a simplified installation, i.e. connecting appliance's supply air duct to a furnace's return air duct, the appliance must operate continuously. In case it is turned off, the furnace will continue to draw in outdoor air directly into the furnace without re-heating or re-cooling. If the appliance is installed such that the homeowner may turn it off during the cold or hot seasons, we recommend installing a motorized damper ADC between the appliance's supply air and the furnace's return air duct that closes when the appliance is not operating.