

Project: _____

Architect: _____

Contractor: _____

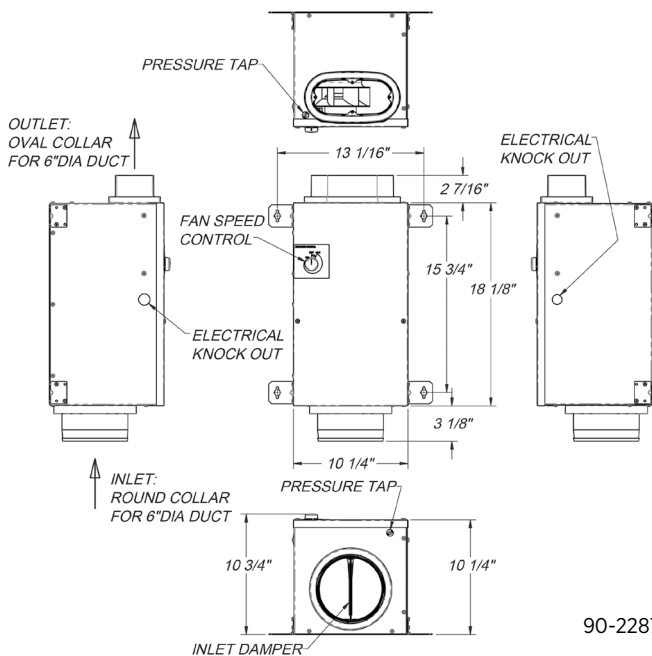
Suppliers: _____

Dealer: _____

Engineer: _____

Location: _____

Date: _____



90-2287

GENERAL DESCRIPTION

Model 8144NC improves indoor air quality by bringing the precise amount of outdoor air into the dwelling and complies with ASHRAE Standard 62.2.

Motor 49 watts; 0.5 amps (FLA) @ 115v/LPH/60Hz

Integrated powered damper

Unit is hardwired

24-volt wiring to HVAC system. Furnace or air handler does not require an ECM motor to meet efficacy requirement

Removable, washable filter

For indoor use only; Installation temperature up to 160°F

Duct collars accept 6" duct

Housing 22 gauge G60 sheet metal

ETL listed

Can be controlled with Aprilaire Model 8120X

Ventilation Control, Aprilaire Wi-Fi thermostats, 8620 and 8910 (all sold separately)

When properly installed and set, it will meet the following mechanical ventilation requirements:

- ASHRAE 62.2
- Energy Star for Homes
- EPA Indoor airPLUS
- 2018/2015/2012 International Residential Code (IRC)
- 2018/2015/2012 International Energy Conservation Code (IECC)
- California Energy Commission Title 24

AIR FLOW PERFORMANCE

MAXIMUM AIR FLOW				
External Static Pressure** ("w.c.)	0.0	0.1	0.2	0.3
Airflow (CFM)	145 CFM	130 CFM	110 CFM	100 CFM
Efficacy (CFM/watt)	5.60	5.30	4.70	4.10

** Measured across ventilator.

The submittal is intended to show general, overall product dimensions and provide guidance for installation clearance. Drawings are not to scale. Ensure submittals are current. Research Products reserves the rights to make product change without notifications or obligations.