



AIR130F

HEAT RECOVERY VENTILATOR

ENGINEERING DATA

THERMALLY CONDUCTIVE, PATENTED ALUMINUM CORE

The counter-flow heat recovery core transfers heat between the two airstreams. It is easily removed for cleaning or service.

MOTORS AND BLOWERS

Each airstream has an independent motorized impeller, with multiple fan speed operations.

FILTERS

Washable air filters in exhaust and supply airstreams.

MOUNTING THE HRV

Threaded inserts at corners of the cabinet designed to accept the "S" hooks and hanging straps supplied with the unit.

DEFROST

Supply air motor switches off and exhaust motor switches to high speed to defrost core.

CASE

20 gauge prepainted galvanized steel for superior corrosion resistance, insulated to prevent exterior condensation. Drain connections: Two 1/2 in (12 mm) OD. Balancing ports are located on unit.

INSTALLER SELECTABLE HIGH SPEED SETTINGS

Adjustable DIP switches are located on the circuit board, Hi3 is the factory setting. Refer to the Installation manual for the adjustment instructions.

ELECTRONICS

The optional controls can be wall mounted in a central location of the home. 3 wire 20 gauge (min.) 100 ft length (max.).

OPTIONAL CONTROLS

99-GBC01 Lifestyle RNC Ventilation Control

- *2 speed fan setting (low/high)
- Adjustable dehumidistat function built into main wall control
- Built in relay for interlocking the unit to the furnace
- 3 wire connection

99-GDX01 Lifestyle RNC Digital Control

- *2 speed operation on each mode
- *2 user selectable operational modes: Continuous Ventilation, 20 ON/40 OFF
- Adjustable dehumidistat function built into the main wall control
- 3 wire connection

OPTIONAL TIMERS

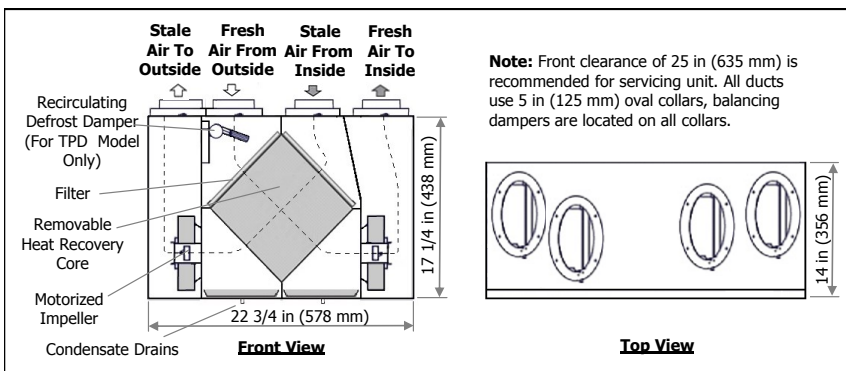
- 99-DET01 **Lifestyle 20/40/60 Minute Timer** - Initiates high speed ventilation for 20, 40, or 60 minutes, 3 wire connection.
- 99-20M01 **Lifestyle 20 Minute Timer** - Initiates high speed ventilation for 20 minutes, 3 wire connection.
- 99-101 **Mechanical Timer** - Initiates high speed ventilation for up to 60 minutes, 2 wire connection.

OPTIONAL ACCESSORIES

- 99-163 **Duct Heater w/Electronic SCR Thermostat** - 1 kW, 6 in (152 mm)
- 99-185 **Weatherhoods** - Two 5 in (152 mm)

WEIGHT 51 lbs (23 kg) **SHIPPING WEIGHT** 54 lbs (25 kg)

DIMENSIONS AIR130F

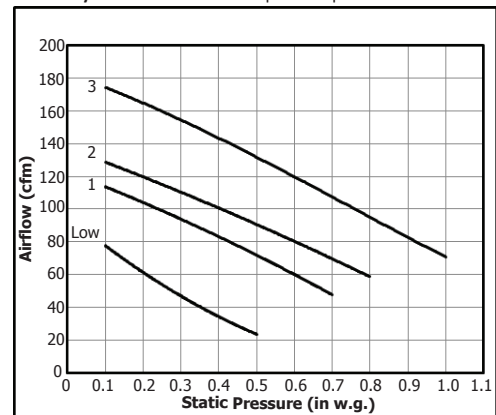


Performance (HVI certified)	
Net supply airflow in cfm (L/s) against external static pressure	
External Static Pressure	Airflow
@ 0.1 in (25 Pa)	174 cfm (82 L/s)
@ 0.2 in (50 Pa)	165 cfm (77 L/s)
@ 0.3 in (75 Pa)	154 cfm (73 L/s)
@ 0.4 in (100 Pa)	143 cfm (67 L/s)
@ 0.5 in (125 Pa)	132 cfm (62 L/s)
@ 0.6 in (150 Pa)	120 cfm (56 L/s)
@ 0.7 in (175 Pa)	107 cfm (51 L/s)
@ 0.8 in (200 Pa)	95 cfm (45 L/s)
@ 0.9 in (225 Pa)	83 cfm (39 L/s)
@ 1.0 in (250 Pa)	71 cfm (33 L/s)
Max. Temperature Recovery	79%
Sensible Effectiveness @ 66 cfm (31 L/s)	32°F (0°C) 75%
Sensible Efficiency @ 66 cfm (31 L/s)	32°F (0°C) 66%
Sensible Efficiency @ 76 cfm (36 L/s)	-13°F (-25°C) 56%
VAC @ 60Hz	120
Watts / Low speed	69
Watts / High speed	147
Amp rating	1.7

Sensible Efficiency: Thermal

Effectiveness: Based on temperature differential between the 2 airstreams

Efficiency: Takes into account all power inputs



WARRANTY

Units carry a lifetime warranty on the HRV core and a 5 year replacement parts warranty.

All units conform to CSA and UL standards

NOTE: All Specifications are subject to change without notice.

Date: _____

Contractor: _____

Tag: _____ Qty: _____

Supplier: _____

Project: _____

Quote #: _____

Engineer: _____

Submitted By: _____