

ENGINEERING DATA

THERMALLY CONDUCTIVE, PATENTED ALUMINUM CORE

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

MOTORS AND BLOWERS

Each air stream has one centrifugal blower driven by a common PSC motor. 5 speed fan operation.

FILTERS

Washable air filters in exhaust and supply air streams.

MOUNTING THE HRV

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

DEFROST

Recirculating damper defrost system.

CASE

Twenty gauge prepainted galvanized steel (G60) for superior corrosion resistance. Insulated to prevent exterior condensation. Drain connections 2 - 1/2" (12 mm) OD. Balancing ports are located in the door.

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-BC01 Lifestyle RNC Ventilation Control

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

99-DX01 Lifestyle RNC Digital Control

- 2 speed operation on each mode
- 4 user selectable operational modes: Continuous Ventilation, 20 ON/40 OFF, 20 ON/40 Recirculation, Continuous Recirculation
- 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.

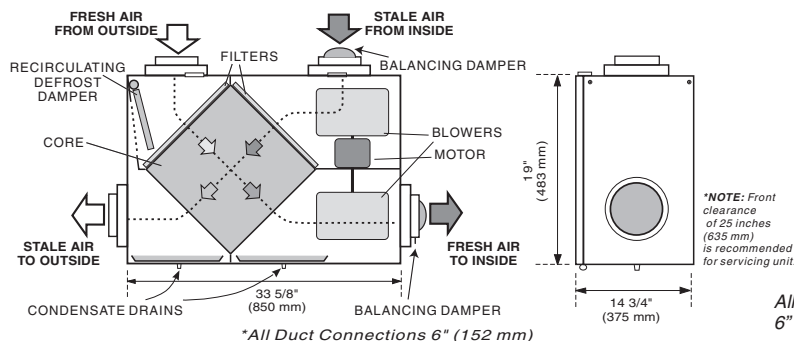
OPTIONAL ACCESSORIES

99-163 Duct Heater w/Electronic SCR Thermostat - 1 kW, 6 in (152 mm)

99-186 Weatherhoods - Two 6 in (152 mm)

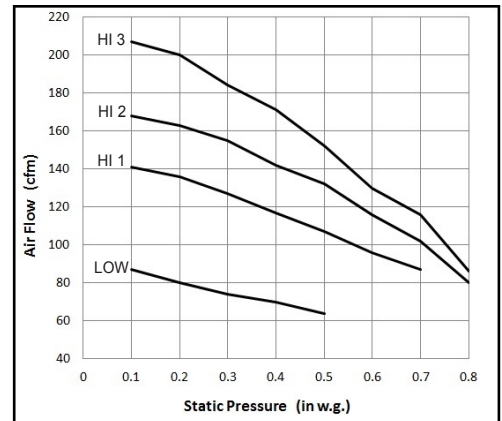
WEIGHT: 71 lbs. (32.3 kg) **SHIPPING WEIGHT:** 73 lbs. (33.2 kg)

DIMENSIONS RNC200 inches (mm)



Performance (HVI certified) Net supply air flow in cfm (L/s) against external static pressure		
E.S.P (external static pressure)	[cfm (L/s)]	
@ 0.1" (25 Pa)	207 (97)	
@ 0.2" (50 Pa)	200 (94)	
@ 0.3" (75 Pa)	184 (87)	
@ 0.4" (100 Pa)	171 (80)	
@ 0.5" (125 Pa)	152 (71)	
@ 0.6" (150 Pa)	130 (61)	
@ 0.7" (175 Pa)	116 (55)	
@ 0.8" (200 Pa)	86 (40)	
Max. Temperature Recovery	74%	
Sensible Effectiveness		
@ 66 cfm (31 L/s) 32°F (0°C)	74%	
*Sensible Efficiency		
@ 66 cfm (31 L/s) 32°F (0°C)	64%	
*Sensible Efficiency		
@ 109 cfm (51 L/s) -13°F (-25°C)	62%	
VAC @ 60HZ	120	
WATTS / Low speed.	87	
WATTS / High speed	164	
Amp rating	1.4	

*Sensible Efficiency – thermal **Latent Efficiency – moisture
Note: Effectiveness - based on temp. differential between the 2 airstreams
Efficiency – takes into account all power inputs



All units conform to CSA and UL standards.

WARRANTY

Units carry a LIFETIME warranty on the heat recovery core and a 5 year replacement parts warranty.

All Duct Connections
6" (160 mm)

Date: _____
 Tag: _____ Qty: _____
 Project: _____
 Engineer: _____

Contractor: _____
 Supplier: _____
 Quote#: _____
 Submitted by: _____



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