

ENGINEERING DATA

THERMALLY CONDUCTIVE, PATENTED ALUMINUM CORES

The cross-flow heat recovery cores transfer heat between the two airstreams. The two cores are arranged for highly efficient counter current airflow.

MOTORS AND BLOWERS - Each stream has one centrifugal blower driven by a common PSC motor. 5 speed fan operation. High speed - 120 VAC, 2.9 Amps, 333 Watts.

FILTERS - Washable air filters in exhaust and supply air streams.

MOUNTING THE HRV - Four 10.5 mm (10/24") threaded inserts at corners of case designed to accept four PVC reinforced polyester straps that are supplied with the unit.

DEFROST - Damper defrost system.

DEHUMIDISTAT - Adjustable Internal Dehumidistat.

CASE - Twenty gauge prepainted galvanized steel (G60) for superior corrosion resistance. Insulated to prevent exterior condensation. Drain connections Two - 1/2" (12 mm) OD.

CONTROLS - Digital BASE MODULE operation. Illuminated display pad, optional remote devices connect to low voltage (12 VAC) terminals.

WEIGHT 106 lbs. (48 kg) **SHIPPING WEIGHT** 108 lbs. (49 kg)

PERFORMANCE

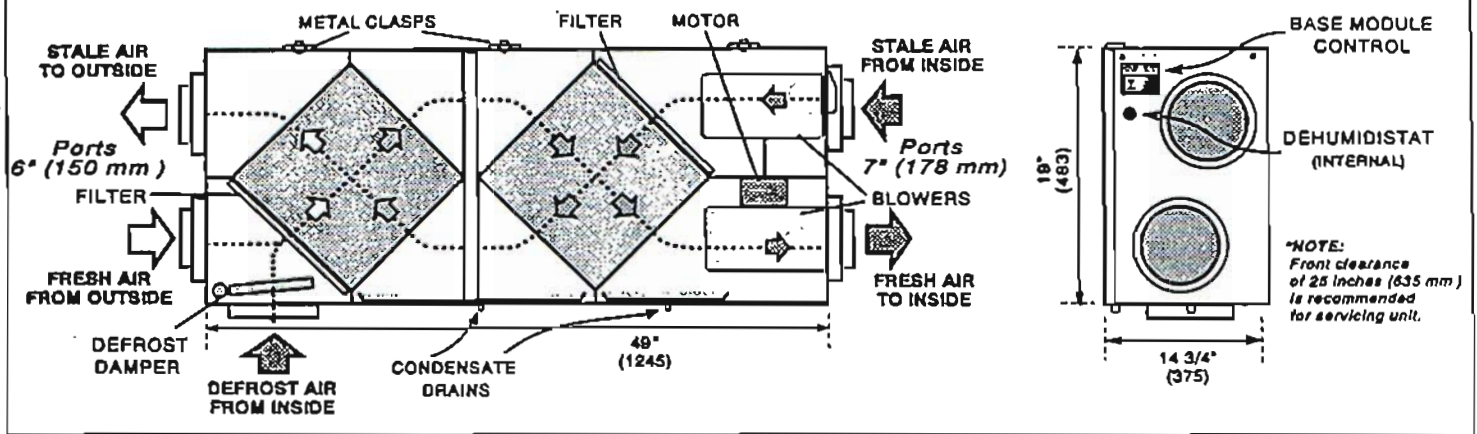
HVI CERTIFIED

Airflow in cfm (L/s) against external static pressure

E.S.P.	CFM	L/s
@ 0.1" (25 Pa)	265	(125)
@ 0.2" (50 Pa)	260	(123)
@ 0.3" (75 Pa)	250	(118)
@ 0.4" (100 Pa)	235	(111)
@ 0.5" (125 Pa)	220	(104)

Maximum Temperature Recovery	90%
Sensible Effectiveness @ 55 L/s (CSA C439M)	90%
Sensible Efficiency @ 55 L/s 0°C	79%
Sensible Efficiency @ 55 L/s -25°C	75%
VAC @ 60HZ	120
WATTS / Fans only, low speed	150
WATTS / Defrost mode & low	156
Amp rating	2.9

DIMENSIONS 300 DC Inches (mm)



OPTIONS

- 99-104S Digital Electronic Timer - 20/40/60 min. (3 wire)
- 99-105S Programmable Ventilation Control
includes Programmable Time Clock, Dehumidistat and Air Sentry™
- 99-109S Indoor Air Quality Monitor
- 99-116S Dehumidistat Ventilation Control, Remote w/ ERV system switch

All units conform to CSA and UL standards.

WARRANTY

Units carry a 2 year replacement parts warranty.

DATE: _____

PROJECT: _____

MECHANICAL CONTRACTOR: _____