

The ERV by Standex Model 150SC / 200SC

Air Distribution Products

ENGINEERING DATA

THERMALLY CONDUCTIVE, PATENTED ALUMINUM CORE

The cross-flow heat recovery core transfers heat between the two air streams. 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. High speed - 120 VAC, 1.4 Amps, 164 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. Defrosts automatically as the outdoor temperature falls.

DEHUMIDISTAT - Adjustable Internal Dehumidistat.

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

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

WEIGHT 70 lbs. (32 kg) **SHIPPING WEIGHT** 72 lbs. (33 kg)

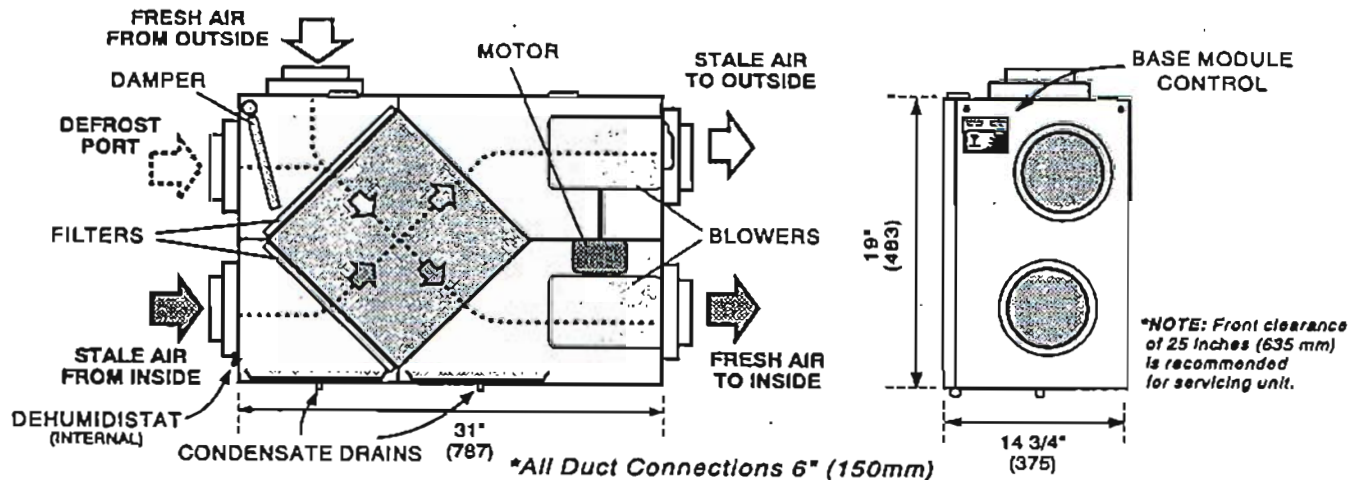
PERFORMANCE

HVI CERTIFIED

Net supply airflow in cfm (L/s) against external static pressure

E.S.P.	150SC (cfm (L/s))	200SC (L/s)
@ 0.1" (25 Pa)	150 (71)	214 (101)
@ 0.2" (50 Pa)	133 (63)	206 (97)
@ 0.3" (75 Pa)	108 (51)	193 (91)
@ 0.4" (100 Pa)	47 (22)	184 (87)
@ 0.5" (125 Pa)		170 (80)
Max. Temp. Recovery	70%	70%
Sensible Effectiveness	@ 64 cfm (30L/s) 70%	@ 117 cfm (55L/s) 67%
Sensible Efficiency	@ 64 cfm (30L/s) 61%	@ 117 cfm (55L/s) 60%
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VAC @ 60HZ	120	120
WATTS / Fans only, @ low speed	61	100
WATTS / Defrost mode	63	100
Amp rating	1.4	1.4

DIMENSIONS 150SC / 200SC 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 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: _____

