

ENGINEERING DATA

TOTAL RECOVERY CORES

The cross-flow energy recovery cores transfer heat and water vapor between the two air streams. They are easily removed for cleaning or service.

MOTORS

Two PSC, 3 speed double shafted, 120 VAC, 9.4 Amps each (18.8 total on high speed). HP- 1/2, 1625 RPM. MCA: 23.5 MOP: 30 Watts - total on high speed - 2256.

FILTERS

2" pleated MERV 8 filters in supply and exhaust air streams.

BLOWERS

Slide in / out easily of unit. Centrifugal type rated at 1200 CFM (566 L/s) free air delivery. Each air stream has one single shafted motor driving a centrifugal blower.

CONNECTION DUCT SIZES - Four - 20" x 8" (508 mm x 200 mm).

MOUNTING

Unit to be set on support brackets hung by threaded rod type apparatus (brackets and rods not provided).

CABINET

Unit has front and back access doors and electrical panel can be switched to either side giving installer flexibility in duct direction. 20 gauge pre-painted galvanized steel (G60) for superior corrosion resistance. Insulated with foil faced insulation where required to prevent exterior condensation.

ELECTRONICS

Integrated microprocessor circuit board. Built-in interlock contacts. Automatic Self Test. Optional remote speed control.

FROST PREVENTION

Temperature sensor activated, periodically shuts down supply motor. Drains not required.

WEIGHT 285 LBS (130 KG) **SHIPPING WEIGHT** 335 LBS. (152 KG)
OPTIONAL CONTROLS

99-500 3 Speed Control - 3 Speed Fan setting (Low/Medium/High) (4 wire) 20 gauge wire (minimum)

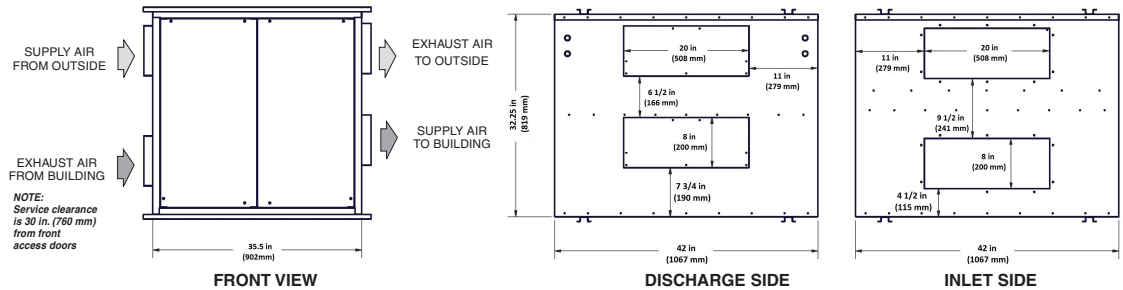
99-BC-01 Ventilation Control - 2 Speed Fan setting (Low/High) - Dehumidistat (3 wire) 20 gauge wire (minimum)

OPTIONAL TIMERS

99-DET01 20/40/60 Minute Timer - Initiates high speed ventilation for 20, 40, 60 minutes. (3 wire) 20 gauge wire (minimum)

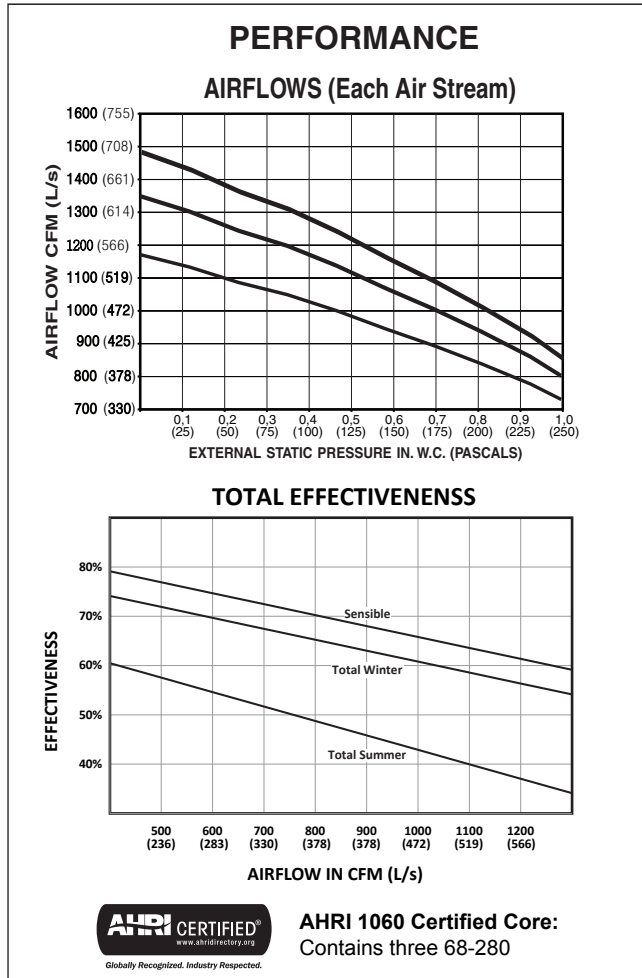
DIMENSIONS inches (mm)

NOTE:
 The 1230ERV model may easily be reversed in the field. Refer to page 18 for installation instructions.



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

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



WARRANTY

All units carry a 10 year warranty on the heat recovery cores and a 5 year replacement parts warranty.

NOTE: All specifications are subject to change without notice