

## 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 single shafted, 120 VAC, 4.5 Amps each (9 total on high speed). HP- 1/4, 1450 RPM. MCA: 11.3 MOP: 15 Watts - total on high speed - 1032.

### FILTERS

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

### BLOWERS

Slide easily in / out of unit. Centrifugal type rated at 700 CFM (329 L/s) free air delivery. Each air stream has one single shafted motor driving a centrifugal blower.

**CONNECTION DUCT SIZES** - Four - 14" x 8" (356 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

### SHIPPING WEIGHT

### 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)

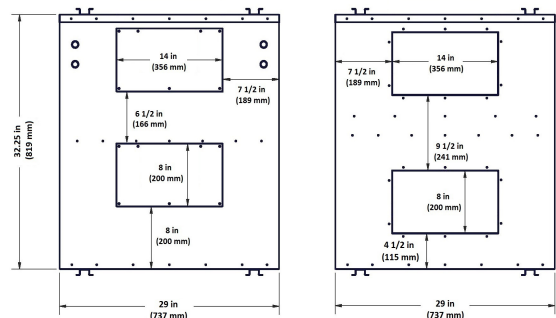
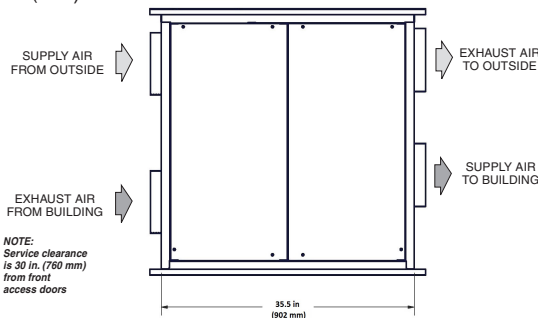
### OPTIONAL TIMERS

**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)

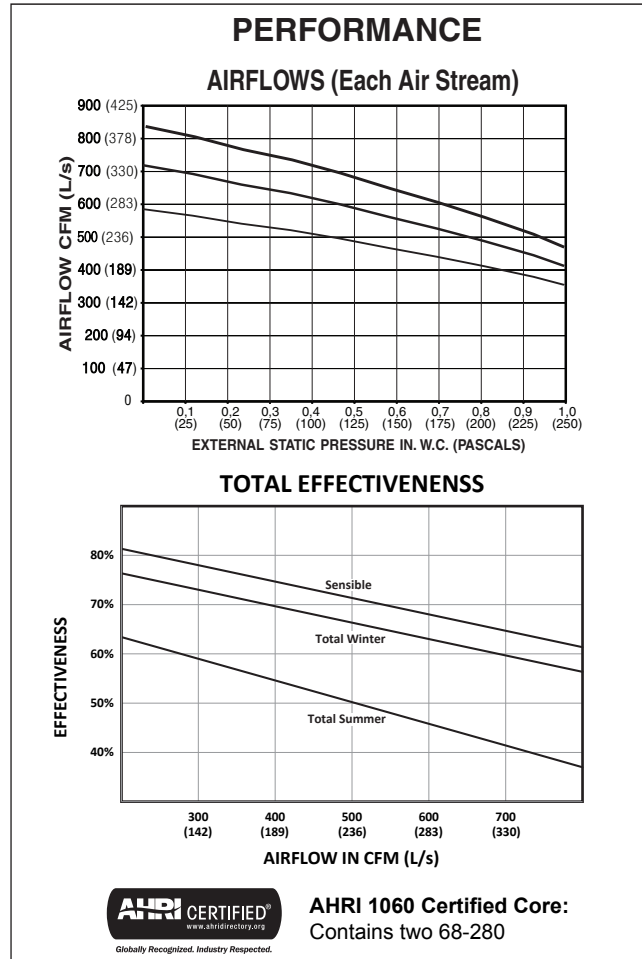
### NOTE:

The 730ERV 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