

**ENGINEERING DATA**

**CORES**

Modular (3 section) patented aluminum heat recovery cores arranged for efficient counter-flow ventilation.

**MOTORS**

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

**FILTERS**

Washable air filters in exhaust and supply air streams.

**BLOWERS**

Slide easily in / out of unit. Centrifugal type rated at 1200 cfm (566 L/s) free air delivery. Each air stream has one double shafted motor driving 2 centrifugal blowers.

**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 rod not provided).

**CASE**

Unit has front and back access doors and electrical panel can be switched to either side giving installer flexibility in duct direction. 20 gauge prepainted galvanized steel (G60) for superior corrosion resistance. Insulated with foil faced insulation where required to prevent exterior condensation. Drain connections; two - 1/2" (12 mm) O.D.

**ELECTRONICS**

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

**DEFROST CONTROLS**

MODEL 1200FD - Interrupts supply air while exhaust air defrosts core. MODEL 1200DD - Supply bypass routes indoor air to defrost core.

**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**

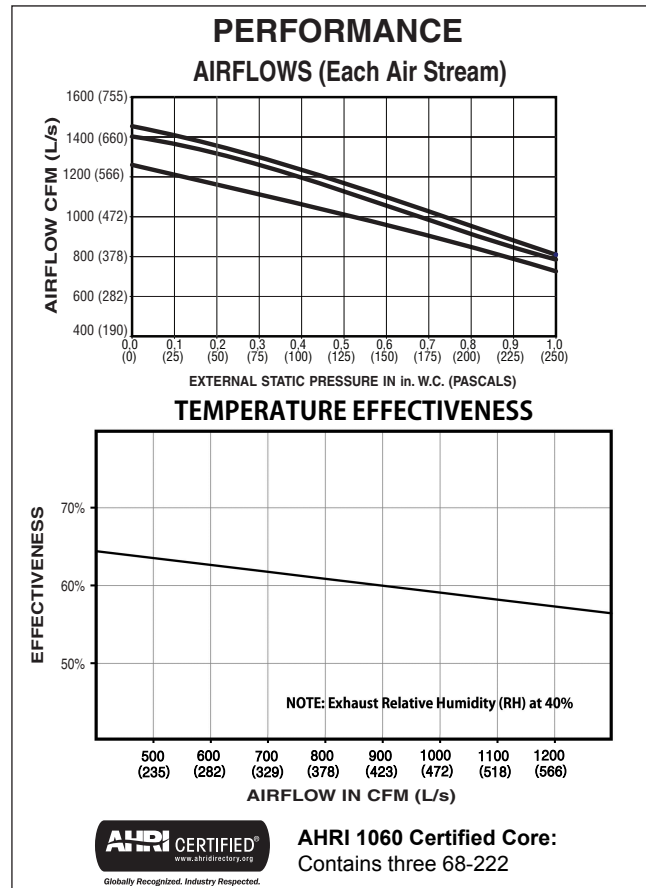
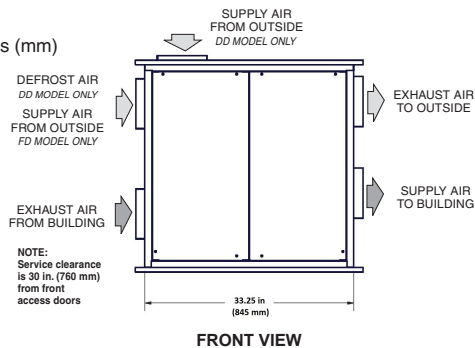
**99-DET01 20/40/60 Minute Timer** - Initiates high speed ventilation for 20, 40, 60 minutes. (3 wire) 20 gauge wire (minimum)

**99-20M01 20 Minute Timer** - Initiates high speed ventilation for 20 minutes. (3 wire) 20 gauge wire (minimum)

**DIMENSIONS** inches (mm)

**NOTE:**

The 1200FD/DD model may easily be reversed in the field. Refer to page 22 for installation instructions.



**OPTIONAL ACCESSORIES**

**99-DH-01 Remote Wall Dehumidistat** - Initiates high speed ventilation when the indoor humidity level is above the set point. (3 wire) 20 gauge wire (minimum)

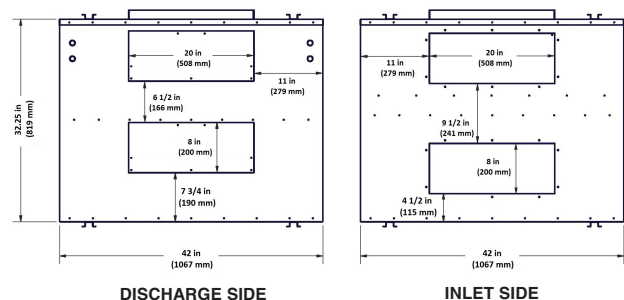
**OPTIONAL FILTERS**

**99-65-184 2" pleated MERV 8 filter** for fresh air stream.

**WARRANTY**

All units carry a 15 year warranty on the heat recovery cores and a 2 year replacement parts warranty.

**NOTE:** All specifications are subject to change without notice



Date: \_\_\_\_\_  
Tag: \_\_\_\_\_ Qty: \_\_\_\_\_  
Project: \_\_\_\_\_  
Engineer: \_\_\_\_\_

Contractor: \_\_\_\_\_  
Supplier: \_\_\_\_\_  
Quote#: \_\_\_\_\_  
Submitted by: \_\_\_\_\_