



CORES

Modular (2 section) patented aluminum heat recovery cores arranged for efficient counter-flow ventilation.

MOTORS

Two PSC, 3 speed single shafted, 120 VAC, 1.92 Amps each (3.8 total on high speed). HP: 1/6, 1625 RPM. MCA: 4.8 MOP: 15 Watts - total on high speed - 437.

FILTERS

Washable air filters in exhaust and supply air streams.

BLOWERS

Centrifugal type rated at 236 L/s (500 CFM) 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).

CASE

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 455FD - Interrupts supply air while exhaust air defrosts core.
MODEL 455DD - Supply bypass routes indoor air to defrost core.

WEIGHT 150 lbs. (70 kg) **SHIPPING WEIGHT** 210 lbs. (90 kg)

OPTIONAL CONTROLS

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

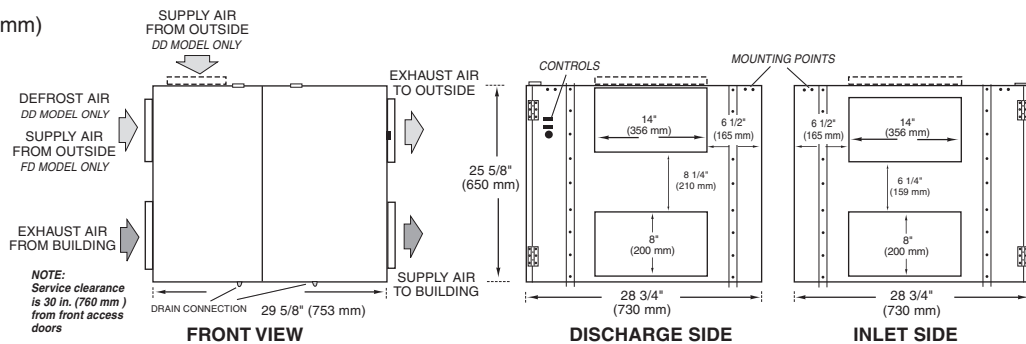
99-BC-01 Ventilation Control - 2 Speed Fan setting (Low/High) - Dehumidistat (3 wire) 20 gauge wire (minimum)

OPTIONAL TIMERS

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

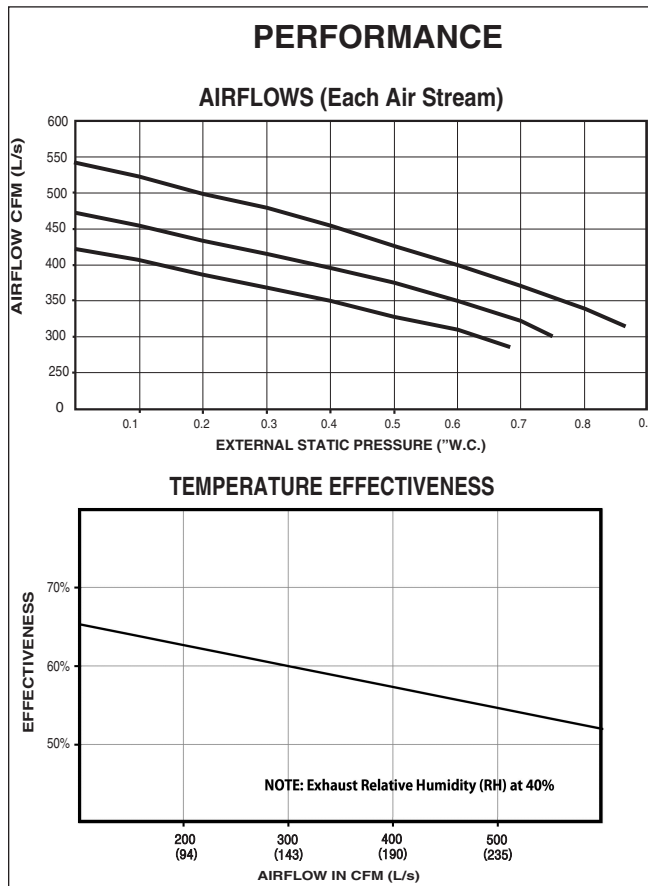
99-20M01 20 Minute Timer - Initiates high speed ventilation for 20 minutes. (3 wire) 20 gauge wire (minimum)

DIMENSIONS inches (mm)



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

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



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)

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.



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