

### SPECIFICATIONS

#### AIRFLOW

1500 cfm (705 L/s) at 1.0"wg ESP.

#### PERFORMANCE

65% effective at 1500 cfm (705 L/s).

#### CORES

Six patented aluminum heat recovery cores arranged for efficient cross-flow ventilation.

#### MOTORS

Two single shaft ECM variable speed, 240V, 9.1 A, 1 ph, 1 hp. (18.2 a total) MCA: 22.8 MOP: 30

#### BLOWERS

Two direct drive centrifugal blowers, one per airstream.

#### FILTERS

Two - 20" x 16" x 2" (508 mm x 406 mm x 50 mm) pleated filters in each airstream. MERV6 efficiency 60% @ 4.69 microns.

#### CONNECTION DUCT SIZES

Four 18" x 18" (457 mm x 457 mm)

#### CABINET

20 gauge powder coated steel 1" (25 mm) thick Elastomeric insulation.

#### DRAIN

Two powder coated galvanized steel drain pans with 1/2" (12 mm) O.D. drain connections.

#### MOUNTING

Unit to be set on support brackets hung by threaded rod type apparatus. Brackets and rod not included.

#### ELECTRONICS

Integrated microprocessor circuit board. Three (3) independently adjustable motor speeds.

#### OPTIONAL CONTROLS

**99-BC01 Ventilation Control** - 2 Speed Fan setting (Low/High) - Dehumidistat (3 wire) 20 gauge wire (minimum).

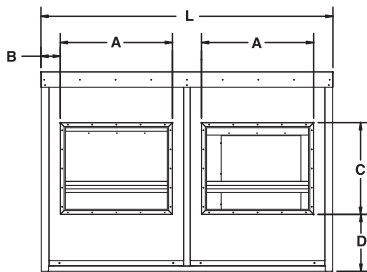
**99-500 3 Speed Control** - 3 Speed Fan setting (Low/Medium/High) - (4 wire) 20 gauge wire (minimum).

#### OPTIONAL TIMERS

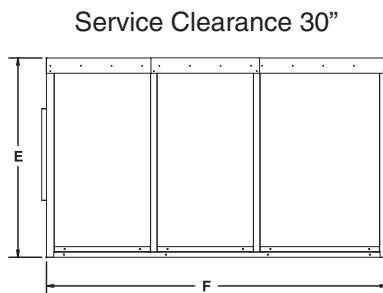
**99-DET01 20/40/60 Minute Timer** - Initiates high speed ventilation for 20, 40 or 60 minutes. (3 wire) 20 gauge wire (minimum)

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

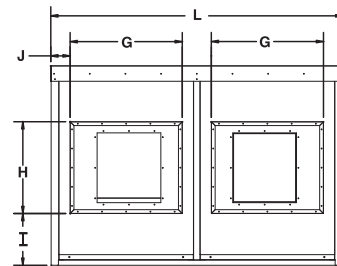
### DIMENSIONS 1500I-ECM (in inches)



INLET END VIEW



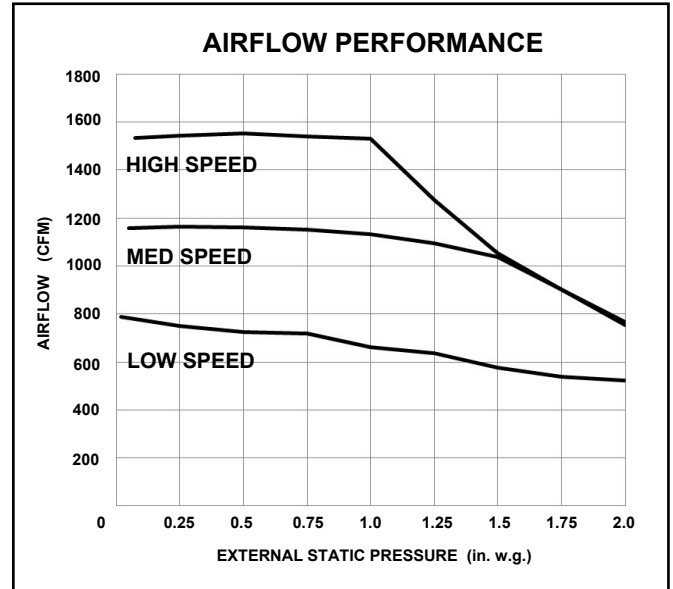
SIDE VIEW



OUTLET END VIEW

NOTE: All specifications are subject to change without notice.

All units conform to CSA and UL standards.



#### DEFROST

Factory set defrost time. Supply motor is shut off while exhaust air defrosts core.

**WEIGHT** 460 lbs (210 kg) **SHIPPING WEIGHT** 580 lbs (260 kg)

#### OPTIONAL ACCESSORIES

**99-DH01 Remote Wall Dehumidistat** - Initiates high speed ventilation when the indoor humidity level is above the set point. (3 wire) 20 gauge wire (minutes)

#### WARRANTY

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

	A	B	C	D	E	F	G	H	I	J	L
ECM inches	18	2.5	18	12	37	66.75	18	18	10.25	2.5	44
ECM mm	457	64	457	305	940	1695	457	457	260	64	1118

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

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



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