



# **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, MCA: 22.8 MOP: 30 1 ph, 1 hp. (18.2 A total)

# **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. MERV 6 efficiency 60% @ 4.69 microns.

#### **DUCT CONNECTIONS**

Two 19" x 16" (482 mm x 406 mm) to and from building under cabinet. Two 18" x 17" (457 mm x 431 mm) hoods included on side of cabinet with washable screens.

#### CABINET

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

## **DRAIN**

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

## **MOUNTING**

Rooftop mounted on optional roof curb. (Part No. 53-1500)

## **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).

NOTE: All specifications are subject to change without notice.

# DIMENSIONS 1500E-ECM (in inches)

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**AIRFLOW PERFORMANCE** 1800 1600 **HIGH SPEED** 1400 1200 (CFM) **MED SPEED** 1000 AIRFLOW 800 **LOW SPEED** 600 400 200 0 0.25 0.75 1.0 1.75 2.0 1.25 EXTERNAL STATIC PRESSURE (in. w.g.)

## **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).

#### **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)

# **DEFROST**

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

WEIGHT 530 lbs (240 kg) SHIPPING WEIGHT 650 lbs (290 kg)

# WARRANTY

**EFD** inches

20 1.5 17 16.5 41 69.5 20 17 14.5 1.5 20 44 46.5 67

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

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DIMENSIONS 1500E-ECM (i	n inches)	<b>EFD mm</b> 508 38 432	419 1041 1765 508 432 368 39 50	8 1118 1181 1702
FRESH AIR FROM OUTSIDE	Service Cleara	nce 30"		
INLET END VIEW	FRESH AIR STALE AIR FROM OUTSIDE FROM BUILDING SIDE VIEV		OUTLET END VIEW	
Tag:0	Qty:	Supplier:		
Project:	<u>.</u>	Quote#:		
Engineer:		Submitted by:		



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