

METRO 120F-ECM

HEAT RECOVERY VENTILATOR



ENGINEERING DATA

THERMALLY CONDUCTIVE, PATENTED ALUMINUM HEX CORE

Counter-flow heat recovery core transfers heat between two airstreams. It is easily removed for cleaning or service

MOTORS AND BLOWERS

Each airstream has an independent centrifugal blower with ECM motor with multiple fan speed operations.

FILTERS

Washable antimicrobial MERV 6 air filters in exhaust and supply air streams.

MOUNTING

Mounting brackets supplied

DEFROST

Fan defrost system.

CASE

Twenty gauge prepainted galvanized steel for superior corrosion resistance. Insulated to prevent exterior condensation.

ELECTRONICS

Main control can be wall mounted in a central location. 3 wire 20 gauge (min.) 100 ft. length (max.)

OPTIONAL ACCESSORIES:

TechGrille
99-EAG4
99-EAG5
99-EAG6
99-EAG8



Terminator Fitting
99-TM4
99-TM5
99-TM6



Wireless 20/40/60 Min Timer
99-DET02



Dual Hood
99-190
99-194



Weather Hoods
99-185
99-186
99-187



LIFEBREATH CONTROL OPTIONS

FEATURES	99-DXPLO2	99-BC02	99-BC03	99-BC04
5 speed fan operation on each mode	✓			
2 speed fan operation (Low/High)		✓		✓
Continuous low speed fan operation			✓	
Humidity control through adjustable Dehumidistat	✓	✓	✓	
Large digital LCD screen	✓			
LED status indicator lights		✓	✓	✓
Continuous Ventilation	✓		✓	
Continuous Recirculation	✓		✓	
20 ON/40 OFF	✓			
10 ON/50 OFF	✓			
20 ON/40 Recirculation	✓		✓	✓
20/40/60 min. High speed override button	✓			
Compatible with 99-DET02 Wireless Timer	✓	✓	✓	✓
3 wire connection	✓	✓	✓	✓

TIMER OPTIONS

99-DET01 - Lifebreath 20/40/60 Minute Timer
Initiates high speed Ventilation for 20, 40 or 60 minutes. 3 wire connection.

99-DET02
Wireless Lifebreath 20/40/60 Minute Timer
Initiates high speed Ventilation for 20, 40 or 60 minutes. Wirelessly connects to main control for ease of installation. 40' approximate range. Exclusive to Lifebreath.

99-RX02 - Wireless Lifebreath Repeater
Extends range of 99-DET02 Wireless Timers. Plugs into 120V power outlet. Wirelessly connects to main control and 99-DET02. Install at halfway point between timer and main wall control if timer is out of range.



99-DXPLO2



99-DET02



www.lifebreath.com

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PERFORMANCE (HVI CERTIFIED)

IN. W.G. (PA)	0.1 (25) CFM (L/s)	0.2 (50) CFM (L/s)	0.3 (75) CFM (L/s)	0.4 (100) CFM (L/s)	0.5 (125) CFM (L/s)	0.6 (150) CFM (L/s)	0.7 (175) CFM (L/s)	0.8 (200) CFM (L/s)
Net Supply Airflow	129 (61)	123 (58)	117 (55)	110 (52)	102 (48)	93 (44)	81 (38)	68 (32)
Gross Supply Airflow	130 (61)	124 (59)	118 (56)	111 (52)	103 (49)	93 (44)	82 (39)	68 (32)
Gross Exhaust Airflow	120 (57)	113 (53)	107 (50)	100 (47)	93 (44)	84 (40)	74 (35)	61 (29)

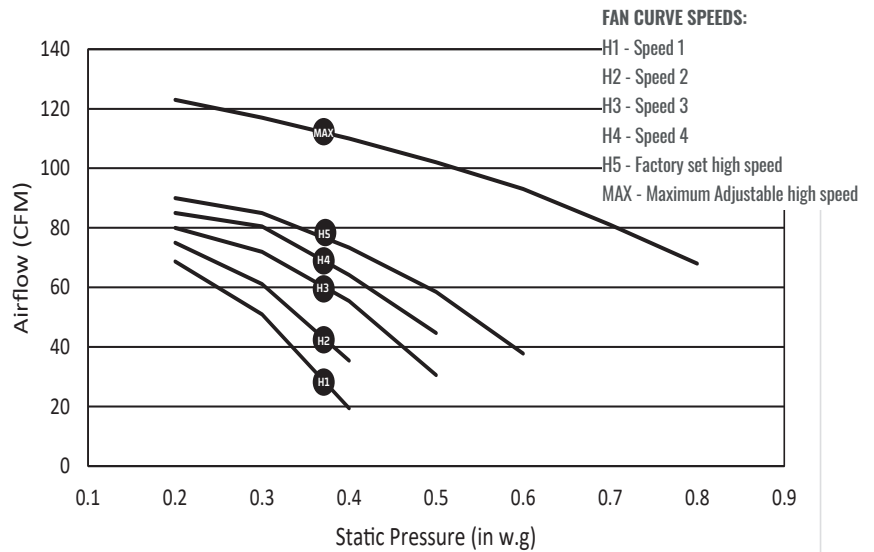
ELECTRICAL SPECIFICATIONS	
VAC @ 60Hz	120
Watts / Low Speed	18
Watts / High Speed	79
Amp Rating	1.4

	32°F (0°C)	78%	WATTS/ CFM
Sensible Effectiveness (ASE) @ 49 CFM (23 L/s)	32°F (0°C)	78%	.367
Sensible Efficiency (SRE) @ 49 CFM (23 L/s)	32°F (0°C)	71%	.367
Sensible Efficiency (SRE) @ 64 CFM (45 L/s)	32°F (0°C)	69%	.375

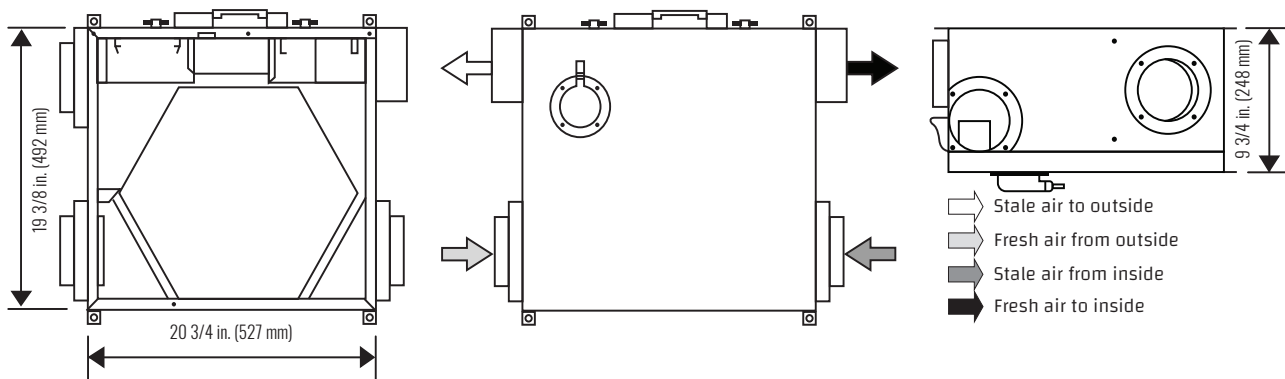
WEIGHT:
57 LBS (25.8 KG)

SHIPPING WEIGHT:
67 LBS (30 KG)

NOTE:
Front clearance of 25 in. (635 mm) is recommended for servicing unit.



DIMENSIONS



Date: _____

Tag: _____

Project: _____ Qty: _____

Engineer: _____

Control: _____

Contractor: _____

Supplier: _____

Quote #: _____

Submitted By: _____

Timer: _____ Timer Qty: _____

WARRANTY

Units carry a lifetime warranty on the HRV core and a 5 year replacement parts warranty.

All units conform to CSA and UL standards



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