AIR 125-ERV
ENERGY RECOVERY VENTILATOR



BRINGING COMPACT TO A WHOLE NEW LEVEL

- Designed for high-rise condos, apartments and townhomes with limited mechanical space
- Low profile, fits in bulkhead and drop ceilings, slim height 9.75 in.
- 50-130 CFM operational range
- 3 High speed selections
- Brackets included for easy install
- No drains required
- Removable motor and electronic assembly for easy maintenance and service
- Swing open e-box cover for quick access to circuit board and DIP switches
- Convenient hinged door – no screws

ENGINEERING DATA:

TOTAL RECOVERY ERV CORE
Cross-flow energy recover core transfers heat and water vapor between two airstreams. It is easily removed for cleaning or service.

MOTORS AND BLOWERS
Each airstream has an independent centrifugal blower with multiple fan speed operation.

FILTERS
Washable MERV-6 air filters in exhaust and supply airstreams. Upgrade to MERV-13 option available.

MOUNTING
Mounting brackets supplied.

DEFROST
Temperature sensor activated, periodically shuts down supply motor. Drains not required.

CASE
22 gauge prepainted galvanized steel for superior corrosion resistance, insulated to prevent exterior condensation.

INSTALLER SELECTABLE HIGH SPEED SETTINGS
Adjustable DIP switches are located on the circuit board, Hi3 is the factory setting. Refer to the installation manual for adjustment instructions.

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

See manual for details.

OPTIONAL ACCESSORIES:

Dual Hood
99-190
99-194



Weather Hood
99-185
99-186
99-187



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



Terminator Fitting
99-TM4
99-TM5
99-TM6



AIRFLOW CONTROL OPTIONS

FEATURES	99-GDXPL03	99-GBC02	99-GBC03	99-GBC04
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	✓	✓	✓	✓

*Recirculation features not available on fan defrost models.

TIMER OPTIONS

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

99-DET02 - 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 ft approximate range.

99-RX02 - Wireless 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-GBC02 99-GBC03 99-GBC04 99-DET02 99-DET01

airflowiaq.com

AIR 125-ERV
ENERGY RECOVERY VENTILATOR



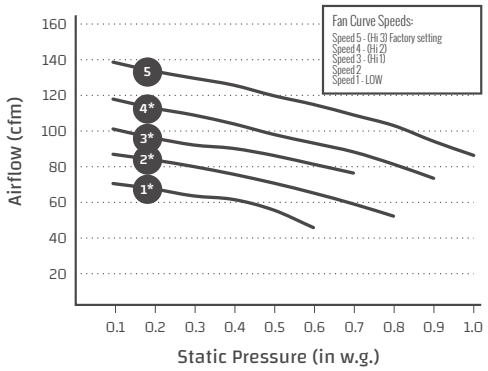
PERFORMANCE

IN. W.G. (PA)	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)	0.9 (225) CFM (L/s)
Net Supply Airflow	133 (63)	129 (61)	125 (59)	119 (56)	114 (54)	108 (51)	102 (48)	93 (44)
Gross Supply Airflow	136 (64)	131 (62)	127 (60)	121 (57)	117 (55)	110 (52)	102 (48)	93 (44)
Gross Exhaust Airflow	133 (63)	129 (61)	125 (59)	121 (57)	114 (54)	110 (52)	104 (49)	95 (45)

ELECTRICAL SPECIFICATIONS	
VAC @ 60Hz	120
Watts @ 49cfm (23L/s)	60
*Amp Rating	1.4

* Sensible Effectiveness (ASE) @ 49 CFM (23 L/s)	32°F (0°C)	82%
Sensible Efficiency (SRE) @ 49 CFM (23 L/s)	32°F (0°C)	69%
Total Efficiency (TRE) @ 49 CFM (23 L/s)	95°F (35°C)	45%

* Not an HVI certified data point



WEIGHT:
34 LBS (15.5 KG)

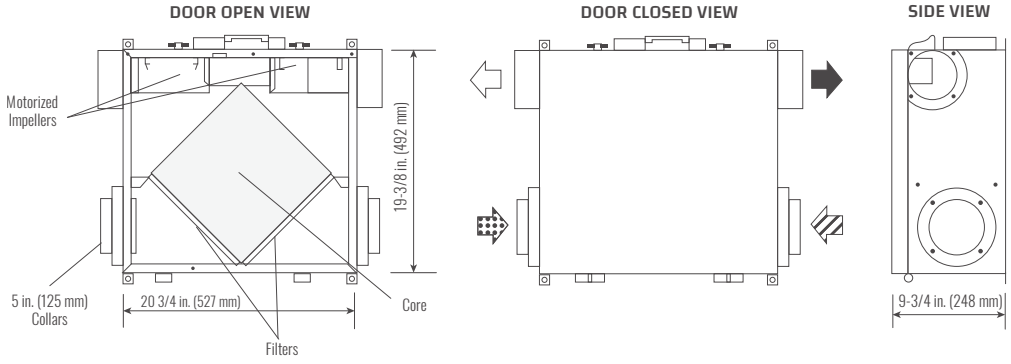
SHIPPING WEIGHT:
36 LBS (16 KG)

NOTE:
Front clearance of 25 in. (635 mm) is recommended for servicing unit. All ducts use 5 in. (125 mm) round collars.

MERV 13 Upgrade: 65-195-6R

Conforms to UL Standards

DIMENSIONS



Standard Airflow:
- Stale Air to Outside
- Fresh Air from Outside
- Stale Air from Inside
- Fresh Air to Inside

Date: _____ Contractor: _____

Tag: _____ Supplier: _____

Project: _____ Qty: _____ Quote #: _____

Engineer: _____ Submitted By: _____

Control: _____ Timer: _____ Timer Qty: _____

WARRANTY
Units carry a 5 year warranty on the enthalpic (ERV) core and a 5 year replacement parts warranty.

All units conform to CSA and UL standards

AIR-125-ERV 0726

airflowiaq.com