

AIR-ERV-2650-EF

ENERGY RECOVERY VENTILATOR



ENGINEERING DATA:

AIRFLOW

2250 CFM (1062 L/s) at 1.0 in. w.g. ESP.

PERFORMANCE

70% effective at 2500 CFM (1180 L/s).

CORES

The cross-flow energy recovery core transfers heat and water vapor between two air streams. Slides out of either side of cabinet for service.

BLOWERS

Two direct-drive centrifugal blowers, one per air stream.

FILTERS

Two 18 in. x 24 in. (457 mm x 610 mm) 4-inch pleated filters in each air stream.

CONNECTION DUCT SIZES

Two 18 in. X 24 in. (457mm X 406mm) to and from under the building under cabinet.

Two 28 in. X 18 in. (711mm X 457mm) hoods included on side of cabinet with screens.

CABINET

20 gauge powder coated galvanized steel (G60) for superior corrosion resistance. 16 gauge galvanized frame, insulated with 1.0 in. fiberglass insulation to prevent condensation.

DRAIN

Two stainless steel drain pans with 1/2 in. (12 mm) NPT drain spouts.

MOUNTING

Rooftop mounted on optional roof curb (Part No. 53-2500).

CONTROLS

Integrated microprocessor board, optional remote 2 speed control, built in interlock contacts.

DEFROST

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

VOLTAGE OPTIONS:

VOLTAGE	PHASE	MOTOR	AMPS	MCA	MOP	SKU
208	1	Two PSC, 1.0 hp, single shaft, 3 speed (2 available)	15	18.7	20	AIR-ERV-2650-EF-208SP*
240	1	Two PSC, 1.0 hp, single shaft, 3 speed (2 available)	13	16.3	20	AIR-ERV-2650-EF-240SP

* Special Inspection is required

CONTROLS

99-GBC02 - Airflow Ventilation Control

2 speed fan setting (Low/High). Humidity control through adjustable Dehumidistat. Compatible with 99-DET02 Wireless Timers. 3 wire connection: 20 gauge wire (minimum).

TIMER OPTIONS

99-DET01 - Airflow 20/40/60 Minute Timer

Initiates high speed ventilation for 20, 40 or 60 minutes. 3 wire connection.

99-DET02 - Wireless Airflow 20/40/60 Minute Timer

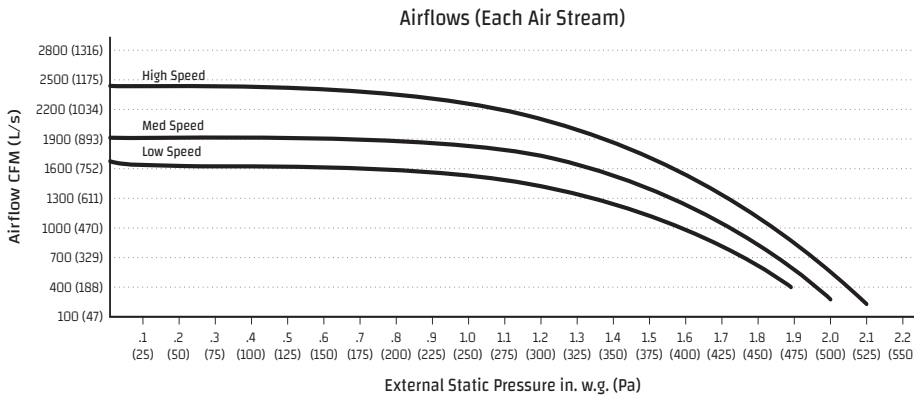
Initiates high speed ventilation for 20, 40 or 60 minutes. Wirelessly connects to main control for ease of installation. 40' approximate range.

99-RX02 - Wireless Airflow 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.

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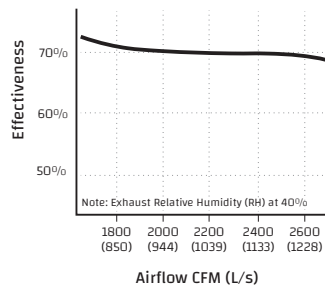


WEIGHT:
710 LBS (322 KG)

SHIPPING WEIGHT:
930 LBS (423 KG)

OPTIONAL CURB:
50 LBS (23 KG)

Temperature Effectiveness



NOTE:

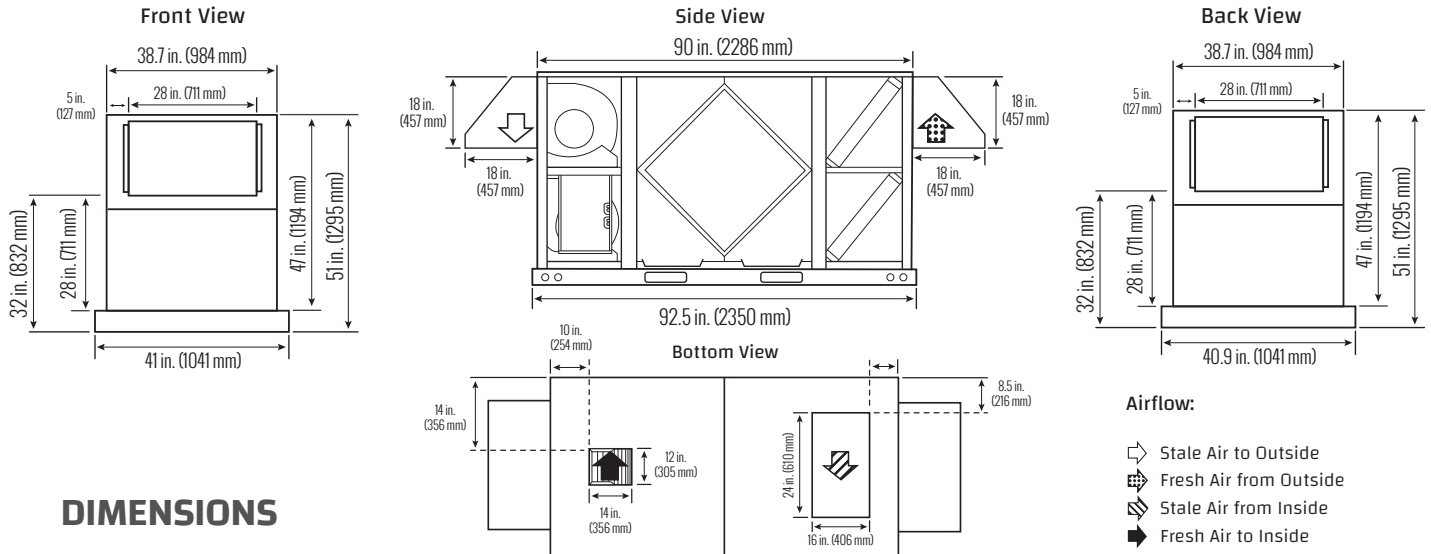
Removable service access panels on both sides of 2650 EFD cabinet. All specifications are subject to change without notice.

Service clearance - 42 in. on electrical panel side

AHRI 1060 Certified Core:
Contains one 68-2500



**ISO
9001
REGISTERED**



Date: _____ Contractor: _____

Tag: _____ Supplier: _____

Project: _____ Qty: _____ Quote #: _____

Engineer: _____ Submitted By: _____

Control: _____ Timer: _____ Timer Qty: _____

WARRANTY

Units carry a 5 year warranty on the ERV core and a 2 year replacement parts warranty.

All units conform to CSA and UL standards

