

LIFEBREATH® 2500ERV-EFD

Indoor Air Systems ENERGY RECOVERY VENTILATOR



2500ERV-EFD

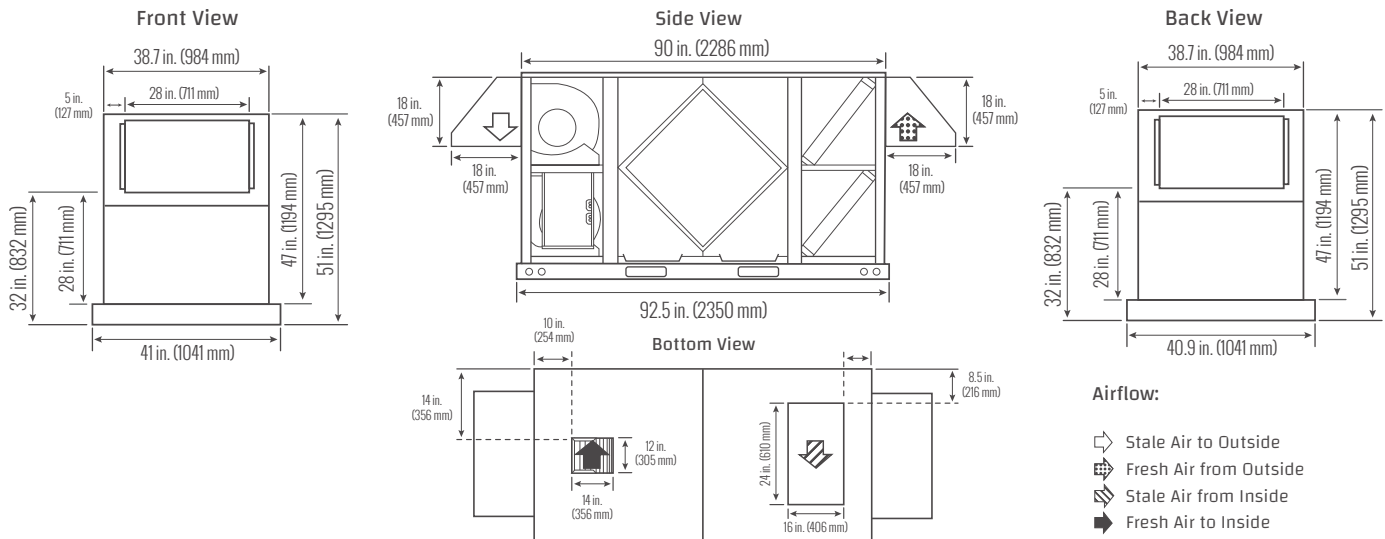
3 SPEED FAN DEFROST UNIT DESIGNED FOR EXTERIOR INSTALLATIONS

- Uses 1 AHRI certified core 68-2501
- Outdoor rooftop installation. Fresh Air to building and Stale Air from building connections are underneath unit.
- Microprocessor circuit board with built in interlock contacts.

NOTE: Removable service access panels on both sides of 2500 EFD cabinet.
Service clearance - 42 in. on electrical panel side.
All units conform to CSA and UL standards.



DIMENSIONS



FEATURES

AIRFLOW 2000 CFM (1062 L/s) at 1.0 in. w.g. ESP.

PERFORMANCE 58% 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

22 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).

ELECTRONICS

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.

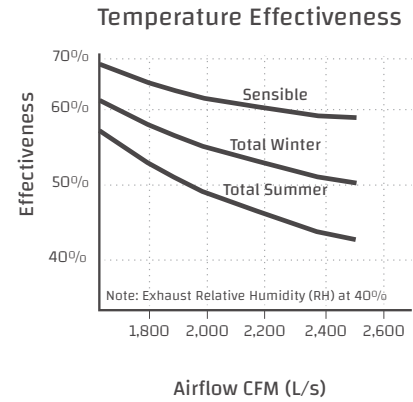
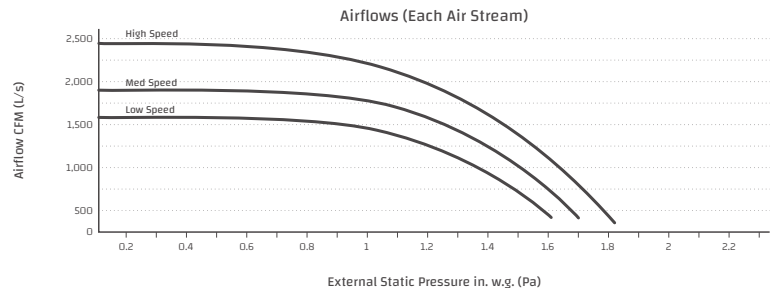
WARRANTY

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

Weight: 715 lbs (324 KG) • Shipping Weight: 935 lbs (424 KG)

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VOLTAGE OPTIONS

VOLTAGE	PHASE	MOTOR	AMPS	MCA	MOP	SKU
208	1	Two PSC, 1.0 hp, single shaft, 3 speed (2 available)	16.2	18.7	20	200-2500ERV-EFD-208SP* * Special Inspection is required
240	1		10.2	11.4	20	200-2500ERV-EFD-240SP