

LIFEBREATH[®] 2500 IFD

Indoor Air Systems **HEAT RECOVERY VENTILATOR**



2500 IFD

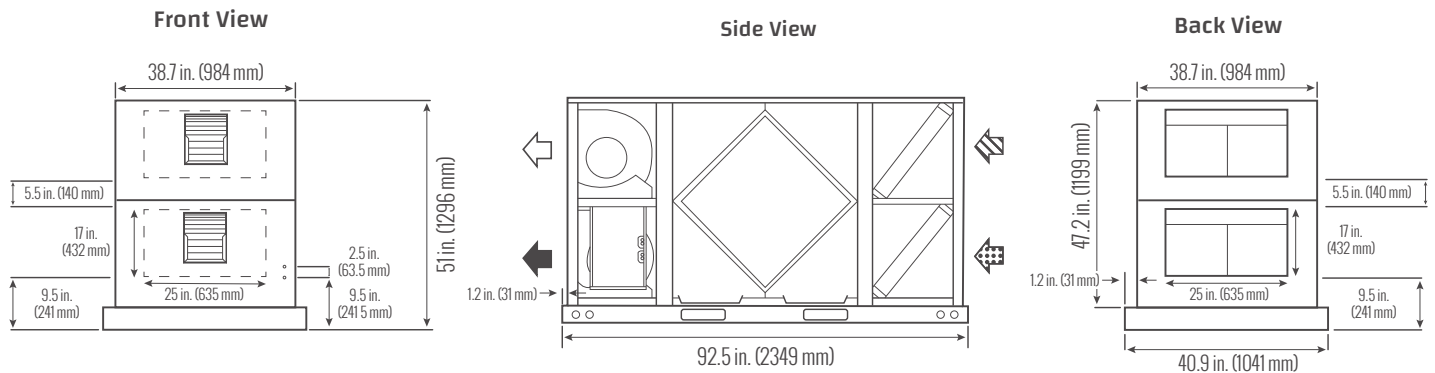
3 SPEED FAN DEFROST UNIT DESIGNED FOR INTERIOR INSTALLATIONS

- Uses 1 AHRI certified core 68-2500
- Interior fan defrost
- Microprocessor circuit board with built in interlock contacts
- Various duct configurations available.

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



DIMENSIONS



Airflow:

- ◻ Stale Air to Outside
- ◻ Fresh Air from Outside
- ◻ Stale Air from Inside
- ◻ Fresh Air to Inside

FEATURES

AIRFLOW 2250 CFM (1175 L/s) at 1.0 in. w.g. ESP.

PERFORMANCE 70% effective at 2500 CFM (1175 L/s).

CORES Modular aluminum sensible heat recovery core. Plate-to-plate type. 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 Four 24 in. X 16 in. (610mm X 406mm).

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 Unit can be set on floor or on support brackets hung by threaded rod type apparatus. Brackets and rod not provided.

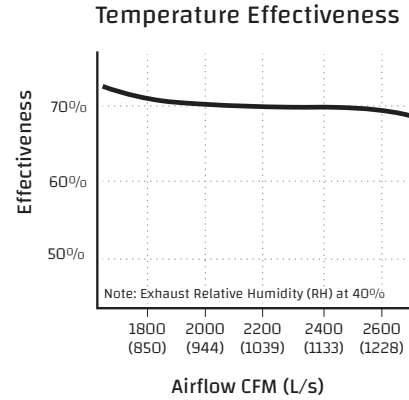
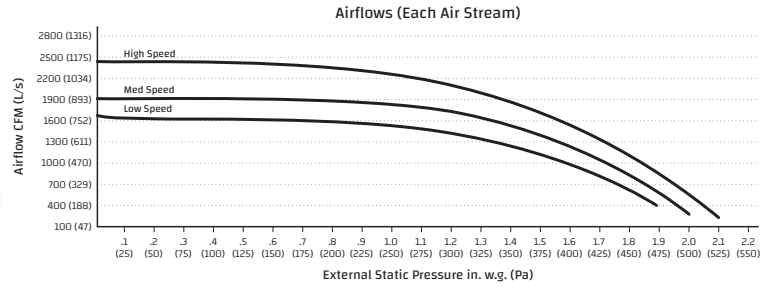
ELECTRONICS Integrated microprocessor board, optional remote 2 speed control, built in interlock contacts.

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

WARRANTY Units carry a 15 year warranty on the HRV core and a 2 year replacement parts warranty.

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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	200-2500IFD-208SP* <small>* Special Inspection is required</small>
240	1		10.2	11.4	20	200-2500IFD-240SP