

# 2500 IFD

## HEAT RECOVERY VENTILATOR



### ENGINEERING DATA:

#### 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

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

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

#### 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)	16.2	18.7	20	200-2500IFD-208SP*
240	1	Two PSC, 1.0 hp, single shaft, 3 speed (2 available)	10.2	11.4	20	200-2500IFD-240SP

\* Special Inspection is required

### CONTROLS

#### 99-BC02 - Lifebreath 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).

#### 99-DH01 - Lifebreath Dehumidistat

Humidity control through adjustable Dehumidistat. 3 wire connection: 20 gauge wire (minimum).

### 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.

