

AIR-2850-IF

HEAT RECOVERY VENTILATOR



ENGINEERING DATA:

AIRFLOW

2000 CFM (940 L/s) at 1.0 in. w.g. ESP.

PERFORMANCE

65% effective at 2000 CFM (940 L/s).

CORES

Eight patented aluminum heat recovery cores arranged for efficient cross-flow ventilation.

BLOWERS

Two belt drive centrifugal blowers with adjustable pulleys, one per airstream.

FILTERS

Two 16 in. x 25 in. x 2 in. (406 mm x 635 mm x 50 mm) pleated filters in each airstream. MERV 8 efficiency.

CONNECTION DUCT SIZES

Four 18 in. x 22 in. (457 mm x 558 mm).

VOLTAGE OPTIONS:

VOLTAGE	PHASE	MOTOR	AMPS	MCA	MOP	SKU
208	1	Two ODP, 2.0 hp, single shaft, single speed	20.8	26	30	AIR-2850-IF-208SP
240	1	Two ODP, 2.0 hp, single shaft, single speed	18	22.5	30	AIR-2850-IF
208	3	Two ODP, 2.0 hp, single shaft, single speed	5.9	14.75	20	AIR-2850-IF-208
460	3	Two TEFC, 1.5 hp, single shaft, single speed	5.2	6.5	8	AIR-2850-IF-460
575	3	Two TEFC, 1.5 hp, single shaft, single speed	4	4.5	6	AIR-2850-IF-575

CONTROLS

99-GBC02 - Airflow Ventilation Control

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

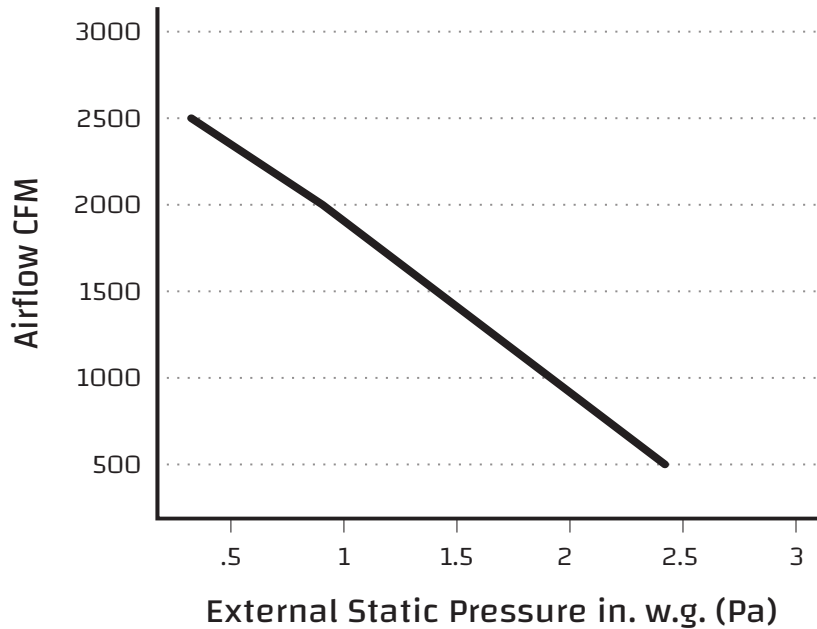
Extends range of 99-DET02 Wireless Timers. Plugs into 120V power outlet. Wirelessly connects to main control and 99-DET02. Install at halfway point between timer and main wall control if timer is out of range.

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Airflow Performance



**ISO
9001
REGISTERED**

WEIGHT:
740 LBS (330 KG)

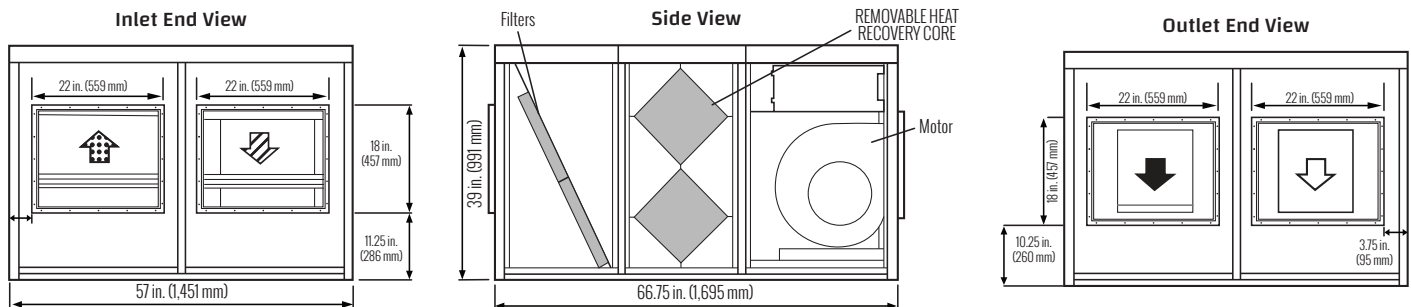
SHIPPING WEIGHT:
870 LBS (390 KG)

NOTE:
Service clearance is 30 in. All specifications are subject to change without notice.

DIMENSIONS

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

All units conform to CSA and UL standards



airflowiaq.com