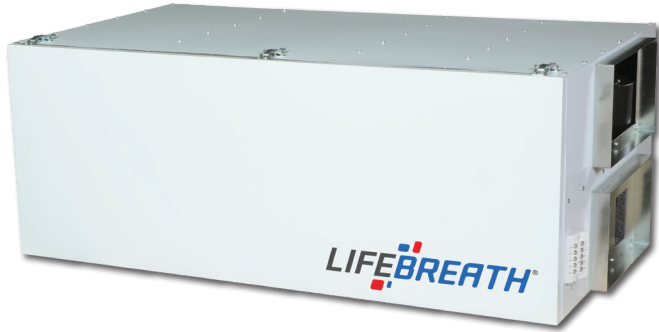


LIFEBREATH® 350 DCS

Indoor Air Systems HEAT RECOVERY VENTILATOR



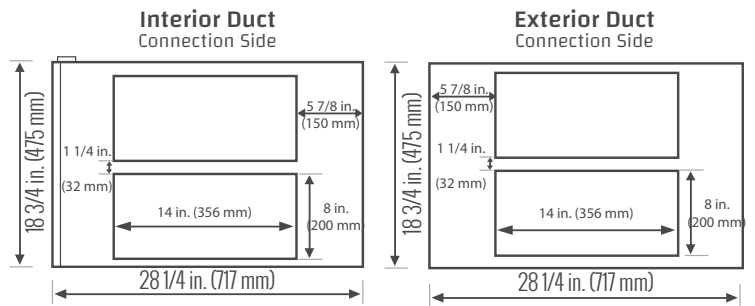
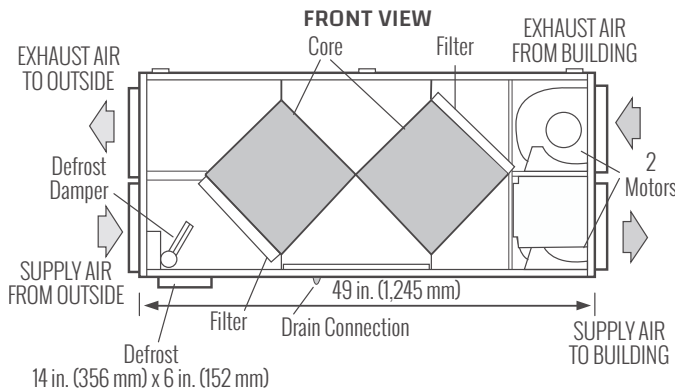
350 DCS

HIGHLY EFFICIENT DOUBLE CORE SYSTEM FEATURES A LOW PROFILE CABINET DESIGNED FOR INSTALLATION ABOVE SUSPENDED CEILINGS

- 4 Cross Flow Cores Total, 2 in parallel and 2 in series for very high efficiency
- DXPL03 Digital Wall Control with 5-speed, 4-mode operation, included.
- Includes standard 120VAC residential plug.
- Microprocessor circuit board with built in interlock contacts.

NOTE: Service clearance of 30 in. (765 mm).
All units conform to CSA and UL standards.

DIMENSIONS



Weight: 160 lbs (70 KG) • Shipping Weight: 240 lbs (110 KG)

FEATURES

CORES

Two modular (two section) aluminum HRV cores arranged for high efficiency cross-flow ventilation.

MOTORS

Two PSC, 5 speed double shafted, 120 VAC, 3.15 A motors. (6.3 A total on high speed) with 1/10 hp at 1625 RPM. Total of 610 watts on High speed. MCA: 7.9 MOP:10

BLOWERS

Centrifugal-type rated at 530 CFM (250 L/s) free air delivery. Each air stream has two centrifugal blowers driven by two PSC motors.

MERV 6 FILTERS

Washable air filters in exhaust and supply air streams.
MERV 13 Upgrade: 65-192-6R.

MOUNTING

Unit to be set on support brackets hung by threaded rod-type apparatus (brackets and rods not included).

DEFROST

Supply bypass damper routes indoor air to defrost cores.

CONNECTION DUCT SIZES

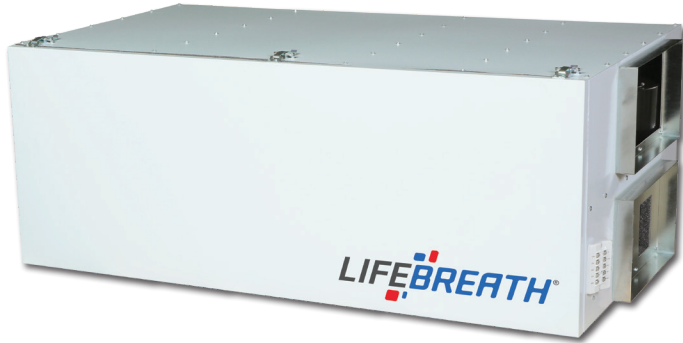
Four - 14 in. x 8 in. (356 mm x 200 mm).

CASE

22 gauge prepainted galvanized steel for superior corrosion resistance. Insulated to prevent exterior condensation. Drain connections 2 - 1/2 in. (12 mm) OD. Balancing ports are located on door.

ELECTRONICS

Integrated microprocessor circuit board. Built-in interlock contacts.



SPECIFICATIONS

MODEL:	350 DCS
VOLTAGE:	120 V
FREQUENCY:	60 Hz
WATTS @ LOW SPEED:	187 W
WATTS @ HIGH SPEED:	610 W
CURRENT:	6.3 A
WEIGHT:	160 lbs / 70 kg
WARRANTY:	Units carry a 15 year warranty on the HRV core and a 2 year replacement parts warranty.

PERFORMANCE

IN. W.G. (PA)	0.2 (50) CFM (L/s)	0.3 (75) CFM (L/s)	0.4 (100) CFM (L/s)	0.5 (125) CFM (L/s)	0.6 (150) CFM (L/s)	0.7 (175) CFM (L/s)	0.8 (200) CFM (L/s)	0.9 (225) CFM (L/s)
---------------	-----------------------	-----------------------	------------------------	------------------------	------------------------	------------------------	------------------------	------------------------

Net Supply Airflow 426 (201) 400 (189) 371 (159) 337 (159) 304 (143) 269 (127) 158 (75) 107 (50)

