

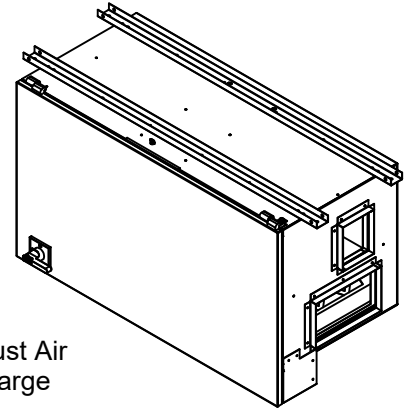
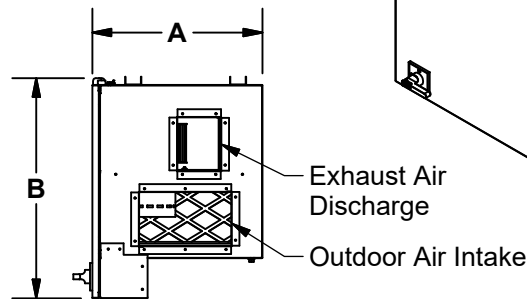
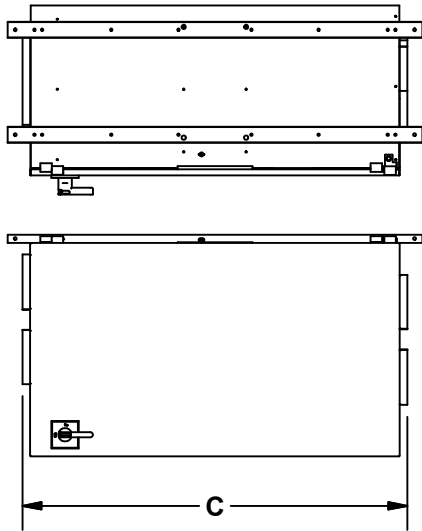
DATE: \_\_\_\_\_

PROJECT: \_\_\_\_\_

LOCATION: \_\_\_\_\_



## Energy Recovery Ventilator Internal Direct Drive With Control Enclosure



### DIMENSION DATA

Size	A	B	C	Wheel Diameter	Weight Inc. Motors	Filters (Qty) Size
ERV - 500	22	29	50 1/8	18	301	(2) 16 x 20
ERV - 1000	28 1/4	34	50 1/8	24	350	(2) 16 x 25
ERV - 500 (VF)	22	29	50 1/8	18	301	(2) 14 x 20
ERV - 1000 (VF)	28 1/4	34	50 1/8	24	350	(2) 14 x 25

ALL DIMENSIONS IN INCHES. WEIGHTS IN LBS.

### STANDARD CONSTRUCTION FEATURES:

Energy recovery wheel constructed of fluted synthetic media containing water selective molecular sieve desiccant - Cassette assembly slides out for easy access and consists of the energy recovery wheel, drive motor, and drive components - Ventilator cabinet consisting of a minimum 18 gauge galvanized steel housing - Cabinet internally lined with 1" thick, 3 lb. density, FSK insulation - Cabinet constructed with a hinged door that allows easy access to all internal components - Two SWSI forward curved steel blowers - Standard size 2" thick, MERV8 filters in supply and exhaust air streams - All electrical components pre-wired for single point power connection - Interlock disconnect on hinged access door.

**Models with (VF) denote the units are standard with electronically commutated motors.**

QTY	MARK	CATALOG NUMBER	ACCESSORIES

### ACCESSORIES

1. FAN SPEED CONTROL - PRE-WIRED
2. LORENIZED FINISH
3. DOUBLE WALL CONSTRUCTION
4. SENSIBLE ONLY WHEELS
5. ADJUSTABLE PURGE SECTION
6. CEILING MOUNT ISOLATORS
7. FIELD INSTALLED DISCONNECT SWITCH
8. 24 VOLT CONTROL PANEL
9. ROTATION SENSOR\*
10. ECONOMIZER MODE WITH TEMP SENSOR\*
11. ECONO MODE AUTO OVERRIDE\*
12. ECONOMIZER MODE WITH ENTHALPY SENSOR\*
13. ON/OFF FROST CONTROL\*
14. EXHAUST ONLY FROST CONTROL\*
15. FIELD INSTALLED PRE-HEAT FROST CONTROL
16. 24V ROTATION SENSOR
17. STAND ALONE DIRTY FILTER SENSOR
18. DIRTY FILTER SENSORS\*

\*REQUIRES 24 VOLT CONTROL PANEL