

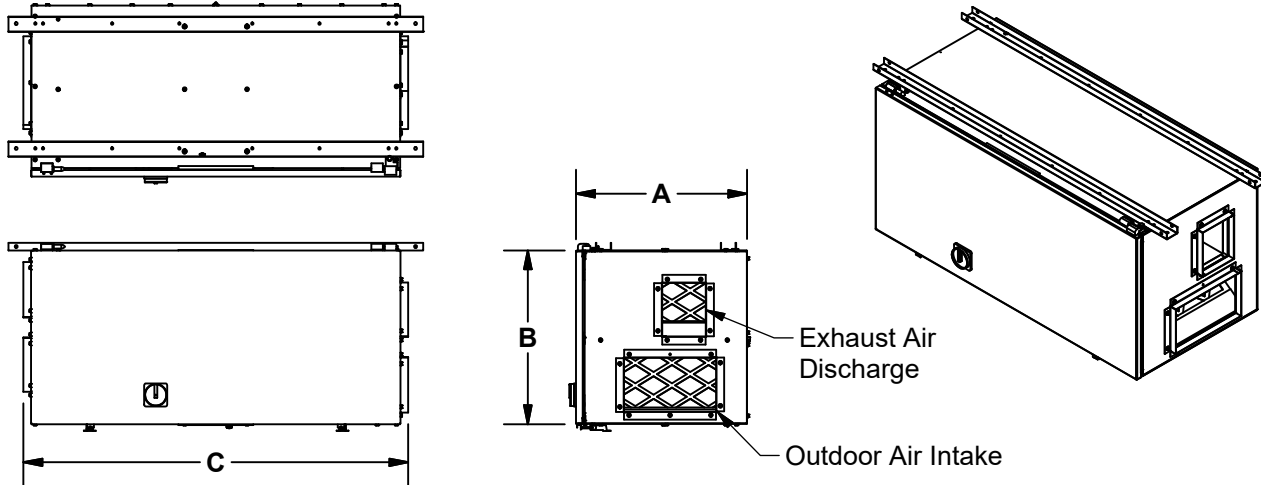
DATE: \_\_\_\_\_

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

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



## Energy Recovery Ventilator Internal Direct Drive



### DIMENSION DATA

| Size       | A      | B        | C      | Wheel Diameter | Weight Inc. Motors | Filters (Qty) Size |
|------------|--------|----------|--------|----------------|--------------------|--------------------|
| ERV - 500  | 22     | 23 13/16 | 50 1/8 | 18             | 285                | (2) 16 x 20        |
| ERV - 1000 | 28 1/4 | 28 13/16 | 50 1/8 | 24             | 344                | (2) 16 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.

| QTY | MARK | CATALOG NUMBER | ACCESSORIES |
|-----|------|----------------|-------------|
|     |      |                |             |

### ACCESSORIES:

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

\*REQUIRES 24 VOLT CONTROL PANEL