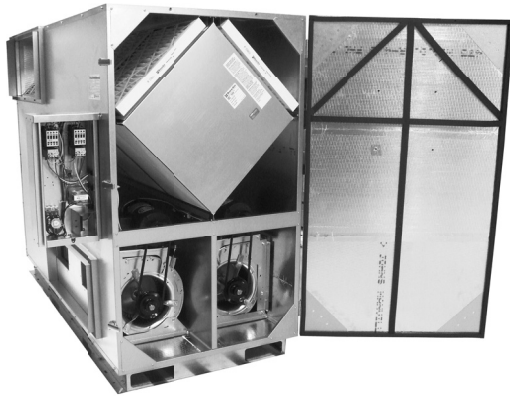


# HE4XINV

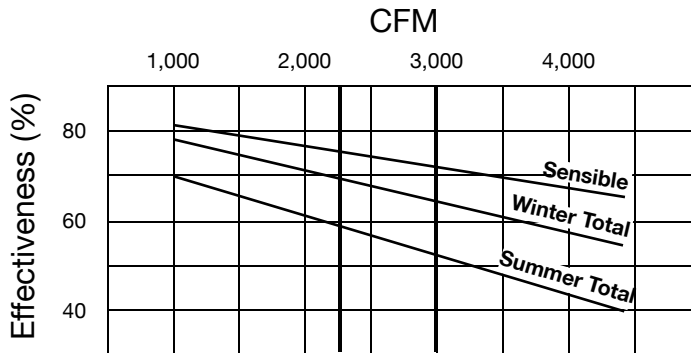
## Indoor Unit



## Specifications

| Ventilation Type: Static Plate, Heat and Humidity Transfer  |         |    |        |                 |                |                                    |
|---|---------|----|--------|-----------------|----------------|------------------------------------|
| Typical Airflow Range: 1,000-4,400 CFM  |         |    |        |                 |                |                                    |
| AHRI 1060 Certified Core: Four L125-00  |         |    |        |                 |                |                                    |
| Airflow Rating Points (for AHRI): 3,000 CFM and 2,250 CFM   |         |    |        |                 |                |                                    |
| Number Motors: Two belt drive blower/motor packages with adjustable sheaves   |         |    |        |                 |                |                                    |
| HP  | Volts   | HZ | Phase  | FLA (per motor) | Min. Cir. Amps | Max. Overcurrent Protection Device |
| 2   | 115     | 60 | Single | 20.0            | 45.0           | 60                                 |
|   | 208-230 | 60 | Single | 10.8-10.0       | 24.3           | 35                                 |
|   | 208-230 | 60 | Three  | 6.1-5.8         | 13.6           | 15                                 |
|   | 460     | 60 | Three  | 2.9             | 6.5            | 15                                 |
|   | 575     | 60 | Three  | 2.4             | 5.4            | 15                                 |
| 3   | 208-230 | 60 | Single | 14.7-14         | 33.1           | 40                                 |
|   | 208-230 | 60 | Three  | 9.4-8.5         | 21.1           | 25                                 |
|   | 460     | 60 | Three  | 4.2             | 9.5            | 15                                 |
|   | 575     | 60 | Three  | 3.3             | 7.4            | 15                                 |
| 5   | 208-230 | 60 | Three  | 14.5-13.4       | 32.6           | 45                                 |
|   | 460     | 60 | Three  | 6.7             | 15.1           | 20                                 |
|   | 575     | 60 | Three  | 5.3             | 11.9           | 15                                 |
| Optional Factory Installed VFD Electrical Specifications  |         |    |        |                 |                |                                    |
| 2   | 208-230 | 60 | Single | 6.1-5.8         | 26.0           | 30                                 |
|   | 208-230 | 60 | Three  | 6.1-5.8         | 15.0           | 15                                 |
|   | 460     | 60 | Three  | 2.9             | 7.2            | 15                                 |
|   | 575     | 60 | Three  | 2.4             | 5.9            | 15                                 |
| 3   | 208-230 | 60 | Single | 9.4-8.5         | 40.2           | 45                                 |
|   | 208-230 | 60 | Three  | 9.4-8.5         | 23.2           | 25                                 |
|   | 460     | 60 | Three  | 4.2             | 10.5           | 15                                 |
|   | 575     | 60 | Three  | 3.3             | 8.2            | 15                                 |
| 5   | 208-230 | 60 | Three  | 14.5-13.4       | 35.9           | 45                                 |
|   | 460     | 60 | Three  | 6.7             | 16.6           | 20                                 |
|   | 575     | 60 | Three  | 5.3             | 13.1           | 15                                 |
| Standard Features: Totally Enclosed Premium Efficiency Motors<br>Motor Starters, Non-fused Disconnect<br>24 VAC Transformer/Relay Package   |         |    |        |                 |                |                                    |
| Filters: Eight total, MERV 8, 2" pleated, 20" x 20" nominal size  |         |    |        |                 |                |                                    |
| Weight: 841 lbs (unit), 950 lbs (shipping weight, on pallet)  |         |    |        |                 |                |                                    |
| Shipping Dimensions: 54" L x 90" W x 68" H  |         |    |        |                 |                |                                    |
| Options:<br>Fused disconnect<br>Double wall construction<br>Factory supplied and mounted Variable Frequency Drives (VFDs) - one or both airstreams<br>Motorized isolation dampers, FA, EA or both airstreams<br>Factory mounted Filter Alarms (2) |         |    |        |                 |                |                                    |

## G5 Performance



\*At AHRI 1060 standard conditions  
(See certified data on page 73 for core components.)

## Airflow Performance

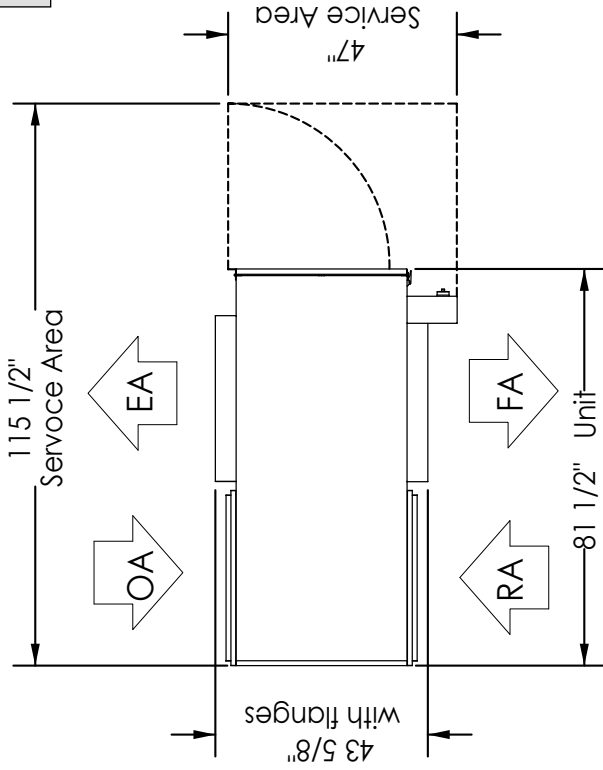
| Motor HP | Blower RPM | Turns Open | External Static Pressure (in. w.g.) |     |      |     |      |     |      |     |      |     |      |     |      |     |  |  |
|----------|------------|------------|-------------------------------------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|--|--|
|          |            |            | 0.00                                |     | 0.25 |     | 0.50 |     | 0.75 |     | 1.00 |     | 1.25 |     | 1.50 |     |  |  |
|          |            |            | SCFM                                | BHP | SCFM | BHP | SCFM | BHP | SCFM | BHP | SCFM | BHP | SCFM | BHP | SCFM | BHP |  |  |
| 2        | 1191       | 4          | 3330                                | 1.4 | 3015 | 1.2 | 2690 | 1.0 | 1915 | 0.8 | 1085 | 0.6 | 1200 | 0.8 | 1100 | 0.9 |  |  |
|          | 1329       | 2          | 3715                                | 1.9 | 3440 | 1.7 | 3100 | 1.5 | 2485 | 1.3 | 2000 | 1.0 | 2120 | 1.3 | 1385 | 1.1 |  |  |
|          | 1432       | 0.5        | 4000                                | 2.4 | 3740 | 2.2 | 3480 | 2.0 | 3050 | 1.7 | 2490 | 1.5 | 1900 | 1.2 | 1100 | 0.9 |  |  |
|          | 1466       | 0          |                                     |     |      |     |      |     | 3200 | 1.9 | 2650 | 1.6 | 2120 | 1.3 | 1385 | 1.1 |  |  |
| 3        | 1462       | 3          | 4060                                | 2.6 | 3810 | 2.4 | 3550 | 2.1 | 3180 | 1.9 | 2645 | 1.6 | 2075 | 1.3 | 1345 | 1.0 |  |  |
|          | 1503       | 2.5        | 4175                                | 2.8 | 3940 | 2.6 | 3700 | 2.4 | 3340 | 2.1 | 2885 | 1.7 | 2300 | 1.5 | 1600 | 1.2 |  |  |
|          | 1586       | 1.5        |                                     |     |      |     | 3950 | 2.8 | 3640 | 2.5 | 3250 | 2.3 | 2745 | 2.0 | 2170 | 1.7 |  |  |
|          | 1668       | 0.5        |                                     |     |      |     |      |     | 3900 | 3.0 | 3600 | 2.7 | 3155 | 2.4 | 2640 | 2.1 |  |  |
|          | 1710       | 0          |                                     |     |      |     |      |     |      |     | 3750 | 3.0 | 3350 | 2.7 | 2975 | 2.4 |  |  |
| 5        | 1627       | 4          | 4393                                | 3.9 | 4210 | 3.7 | 4050 | 3.6 | 3800 | 3.3 | 3490 | 3.1 | 3020 | 2.7 | 2385 | 2.4 |  |  |
|          | 1731       | 2          |                                     |     |      |     | 4350 | 4.3 | 4150 | 4.1 | 3895 | 3.8 | 3515 | 3.5 | 3055 | 3.2 |  |  |
|          | 1836       | 0          |                                     |     |      |     |      |     | 4400 | 5.0 | 4250 | 4.7 | 3970 | 4.4 | 3550 | 4.0 |  |  |

Note: Brake Horse Power (BHP) is for one blower motor package only.

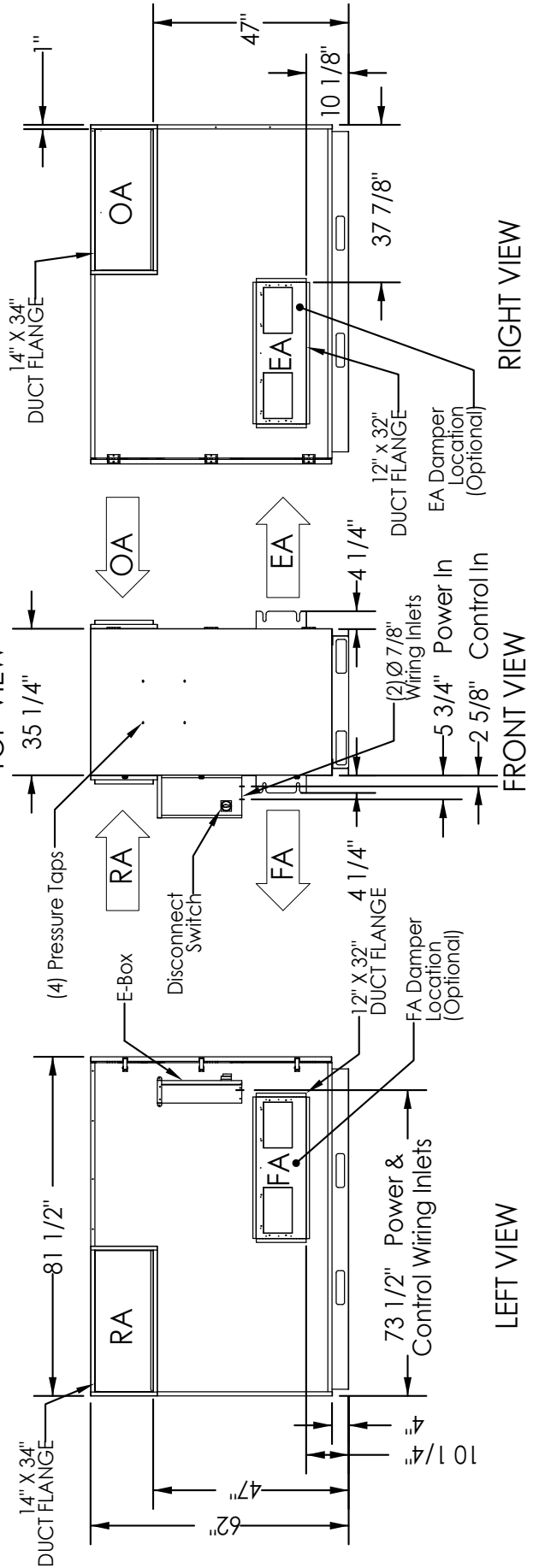
Operation in this zone will likely exceed FLA limits. Operation in this zone outside of core airflow limits.

# HE4XINV Unit Dimensions

EA: Exhaust Air to outdoors  
 OA: Outdoor Air intake  
 RA: Room Air to be exhausted  
 FA: Fresh Air to inside



TOP VIEW



RIGHT VIEW

FRONT VIEW

LEFT VIEW