

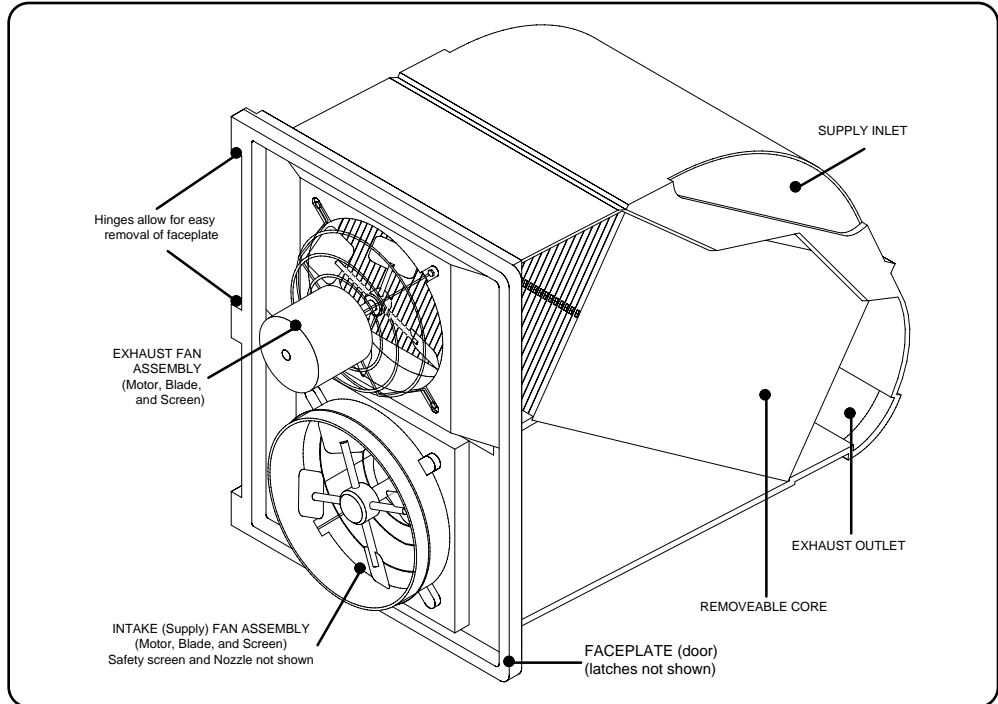
E400 Heat Exchanger

Application

Heat recovery is used as a source of both heat and ventilation. It is especially applicable to the low winter ventilation requirements of livestock houses. Because heat is recovered and returned to the animal space, little or no additional supplemental heat is required, and moisture control is greatly improved. Specific sizing depends on detailed engineering calculations, such as those prepared with Del-Air's free ventilation planning service. Contact your

Operation

The unit fits quickly into a wall opening. Simply plug the 120VAC cord into a live wall outlet. An automatic defrost control will cycle hourly to control frost buildup. Moisture is condensed and drains outside. Periodic removal of this ice pile may be necessary. An automatic wash nozzle is supplied to ensure top performance at all times. Flush the core daily. An optional timer/solenoid (#750300 & 2409)



Motor Data

| | | | | | |
|--------------|-----------|----------------|---------|-------------------------|----------|
| Make | FASCO | Voltage | 200—240 | Freq. | 50/60 Hz |
| Model | 7162-1668 | Amps | 1.0—1.4 | Capacitor | 4 MFD |
| Type | PSC | RPM | 3200 | Insulation Class | B |

Fan Performance Data @ -0.05 in. wg.

| Passage | CFM | Watts |
|---------|-----|-------|
| Supply | 300 | 100 |
| Exhaust | 400 | 100 |

Blade Description _____

Heat Exchanger Performance Data Based on 70 °F Indoor Temp.

| Outdoor Temp. (°F) | Heat Recovered (Btu/hr) | Efficiency % (HRR) |
|--------------------|-------------------------|--------------------|
| -30 | 17300 | 41 |
| -15 | 12900 | 42 |
| Maximums | 20000 | 50 |

Rough Opening

Width 14.5 in
Height 22.5 in

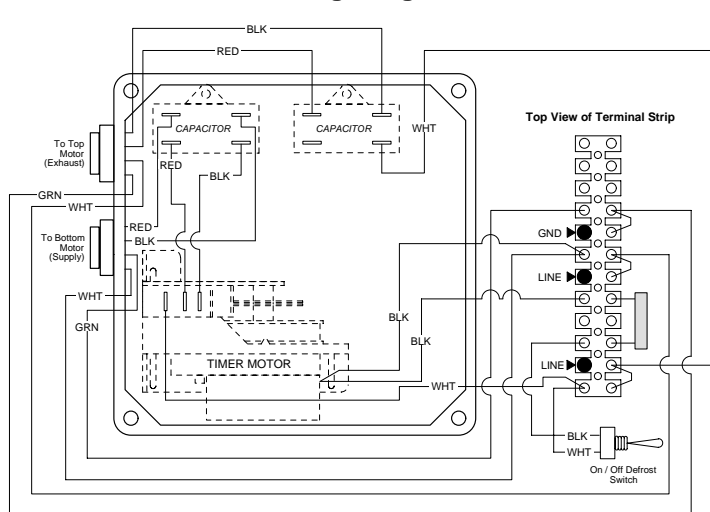
Shipping Info

Package of

Length 49 in
Width 18 in
Height 26.5 in
Volume 13.5 ft³
Shipping Weight (69 lb **)**
Weight (31.4) kg

- Box Pallet
 Shrink Wrap Other...

Wiring Diagram



Special Instructions

Air flows are balanced to ensure against positive Barn Static Pressure. Most barns in winter will operate between -0.05 and -0.08 in wg. The airflow imbalance of this unit will be supplemented through leaks and other ventilation devices.