

Models: E2EB-017HB



Diagram illustrating the wiring for the 4-Speed Motor (IFM) and associated components:

- Power Source:** 240V Transformer connected to a 24V line.
- 4-Speed Motor (IFM):**
 - Terminals: H (High), MH (Medium-High), ML (Medium-Low), L (Low).
 - Speed Selection: 4 Speed (H, MH, ML, L).
- Control Components:**
 - Cont 2:** Connected to the 24V line.
 - Cont 1:** Connected to the 24V line.
 - IFR1, IFR2:** Interference Frequency Relays.
 - LS:** Limit Switch.
 - White Jumper Wire:** (See note 7).
- Wiring Details:**
 - The 24V line passes through a **Fuse** before reaching the motor.
 - The 24V line is connected to the **Top - 10.6** terminal block.
 - The 24V line is connected to the **Bottom - 5.4** terminal block.
 - The 24V line is connected to the **IFM** motor.
 - The 24V line is connected to the **IFR1** and **IFR2** relays.
 - The 24V line is connected to the **LS** switch.
 - The 24V line is connected to the **Cont 1** and **Cont 2** relays.
 - The 24V line is connected to the **IFR1** and **IFR2** relays.

- 1) See unit data label for recommended supply wire sizes.
- 2) Thermostat anticipator setting : 0.75 Amps
- 3) To change blower speed on units without a relay box installed refer to installation instructions
- 4) Refer to furnace and/or relay box installation instructions for thermostat connections.
- 5) If any wire in this unit is to be replaced it must be replaced with 105° C thermoplastic copper wire of the same gauge.
- 6) Not suitable for use on systems exceeding 120V to ground.
- 7) This wire is used with some accessories. See accessory Installation Instructions for further detail.
- 8) Refer to Installation Instructions for complete wiring diagram.

CB = Circuit Breaker
E = Heater Element
IFR = Fan Relay
IFM = Fan Motor
Cont = Contactor
LS = Limit Switch
☐ = Fan Plug

