



TECHNICAL BULLETIN

Overview:

EarthLinked Air Handlers model AVV (variable speed ECM motor) provided through United Refrigeration have a factory default setting of 350 CFM per nominal ton for second stage compressor operation. EarthLinked systems should operate at an airflow level of 400 CFM per nominal ton of system capacity. Failure to ensure this air flow level can affect the performance, efficiency and reliability of the EarthLinked geothermal system.

To achieve the required airflow level of 400 CFM per nominal ton of system capacity, follow the instructions below

Instructions:

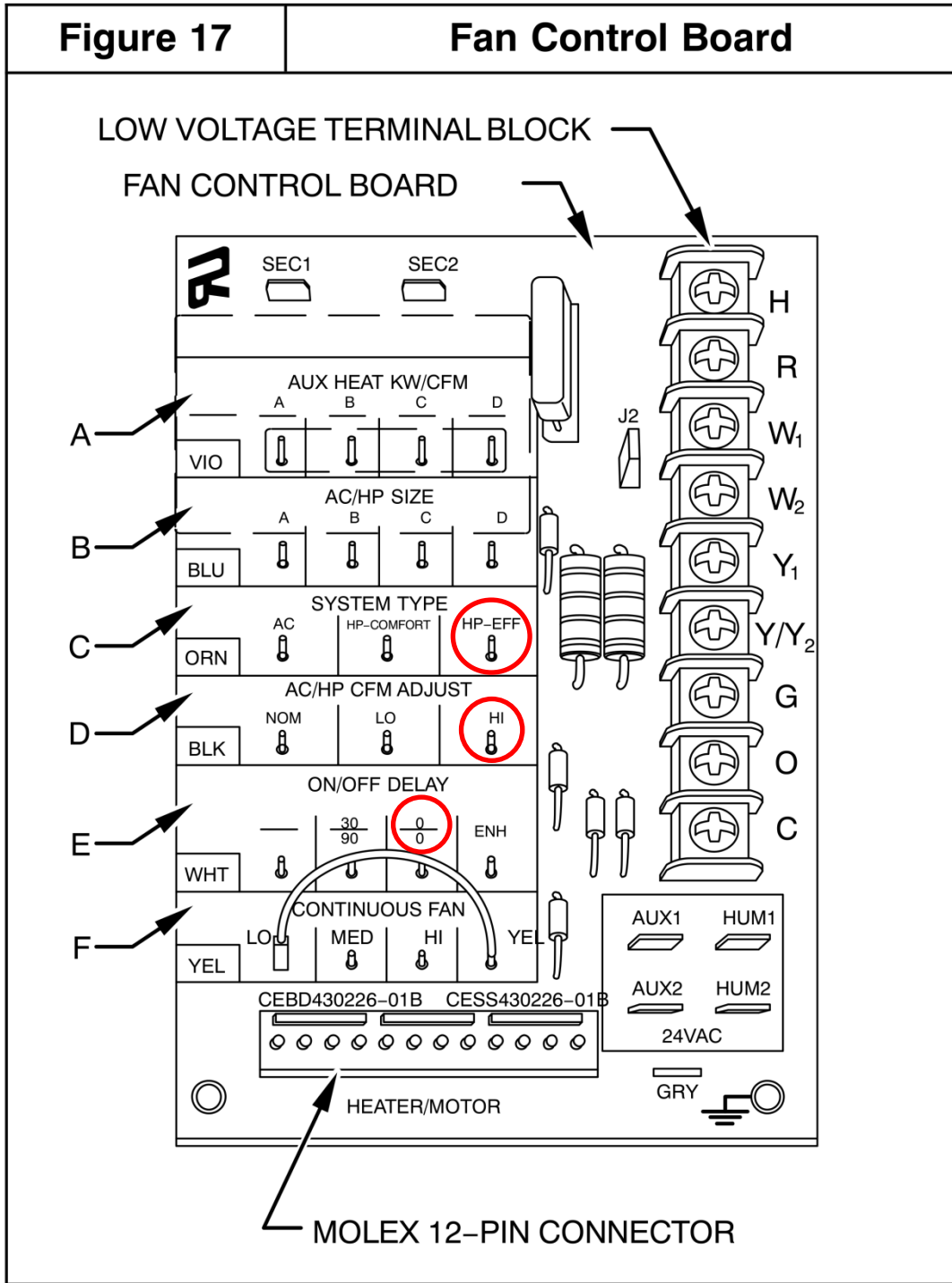
Once the jumper for the system size (“AC/HP SIZE”) is set on its corresponding pin:

- 1) Set the “SYSTEM TYPE” jumper on the “HP-EFF” pin
- 2) Set the “AC/HP CFM” jumper on the “HI” pin
- 3) Set the “ON/OFF DELAY” jumper on the “0|0” pin

See Illustration “AVV Fan Control Board” below.

Figure 17

Fan Control Board



AVV Fan Control Board

Contact: For further assistance, call ETI Technical Service at 1-863-701-0096.