## **AIRCYCLER® G2-K WIRING**

COMMUNICATING THERMOSTAT WIRING

## Using an exhaust fan for supplimental ventilation



COMMUNICATION CONTINUOUS FAN OUTDOOR SW4 SETUP CONNECTOR (CF) AIRFLOW SETUP SWITCHES AIR TEMP CONNECTOR SWITCHES MODEL PLUG CONNECTOR 0 With a system that uses a communi-SW1 SETUP SWITCHES AND BLOWER OFF-DELAY PL4 cating thermostat, such as the Carrier Infinity system, use the 110VAC EAC 00000000 AIR CONDITIONING (A/C) AIRFLOW SETUP SWITCHES (Electronic Air Clearner) terminals and 000 9 000 HUMIDIFIER ERMINAL (24-VAC 0.5 AMP MAX. a 110VAC SPST relay to generate the 82  $\oslash$ 24VAC signal required to indicate to ACRDJ – AIR CONDITIONING RELAY DISABLE JUMPER ĭ  $\oslash$ ним DHUN  $\oslash$ the AirCycler controller when the ••••• ACRD 24-V THERMOSTAT TERMINALS G  $\oslash$ furnace fan is running. PL3 FLASH UPGRADE CONNECTOR (FACTORY 2 A/A I ONLY) . . . . . . . . . . . . STATUS AND COMM LED LIGHTS ¢ ¢ P PL3 – ECM BLOWER HARNESS CONNECTOR USE 3-AM 3-AMP FUSE SEC-2 SEC-1 EAC-2 EAC-1 \_\_\_\_Z TRANSFORMER 24-VAC CONNECTIONS PL2 ੂ -<u>000</u>p 5 V17 HK42FZ043341 VS HSI HI LO 115-VAC (L2) NEUTRAL CONNECTIONS 0 PART NUMBER A DATE CODE WW 115-VAC (L1) LINE VOLTAGE CONNECTIONS ND YY PL2 – HOT SURFACE IGNITER & INDUCER MOTOR CONNECTOR PL1 – LOW VOLTAGE MAIN HARNESS CONNECTOR EAC-1 TERMINAL (115-VAC 1.0 AMP MAX.) SOFTWARE VERSION 24VAC 110VAC 24VAC transformer Π Π Π Π C Wt Gt Gf Exh V Vnc R AirCycler<sup>®</sup> g2  $\overline{\mathbf{x}} \otimes \overline{\mathbf{x}}$ (X) $\otimes$  $\langle \mathbf{x} \rangle$ Blue Damper Red  $\sim$ White Class 2 conductors FanConnect™ switch Blue - Light hot (x)Black - Hot Bathroom Red - Fan Hot Light Green - Ground Bathroom White - Neutral Fan

White - Neutral