WIRING DIAGRAM H8HK029H-31 (with circuit breaker) 30kW, 240 VAC, 1-Phase Electric Heater Kit DC RELAY **ELEMENT** LIMIT **AC RELAY** TO CONTROL BOARD 2 ORANGE TO CONTROL BOARD 3 4 5 -BROWN 6 -WHITE VIOLET 7-PIN PLUG GREY - TO THERMOSTAT 2-PIN WHITE TO THERMOSTAT **POWER PLUG** RED BLACK RED **NOTES** BLACK 1. If any of the original wire supplied with this unit must be replaced, it must be replaced with wiring material of the same gauge size **CIRCUIT** and temperature rating. **BREAKER** 2. The installation of this heater kit may require a (Circuit breaker change in the blower speed tap connection. See Installation Instructions for details. models only) 3. Use copper conductors with a minimum temperature rating of 60°C for supply LEGEND: SUPPLY VOLTAGE connections. FIELD WIRING --7114380 LOW VOLTAGE HIGH VOLTAGE • 08/14