



LOCATE UDC 2500 CONTROLLER INSIDE UPPER CABINET OF HUMIDAIRE UNIT. USE STAINLESS BRACKET SUPPLIED TO SURFACE MOUNT IT ON PANEL FOR CONTROLS.

LOCATE THERMOCOUPLE IN HOT AIR PIPE DOWNSTREAM OF FAN, IF FAN IS USED. BRAZE ANGLE NIPPLE TO PIPE, THEN USE NIPPLE AS GUIDE TO DRILL 1/2" HOLE INTO HOT AIR PIPE.

FOR THERMOCOUPLE TEMP SENSOR, USE ONLY TYPE "J" THERMOCOUPLE EXTENSION WIRE FURNISHED WITH HOT AIR MIX VALVE. OBSERVE COLOR CODE. RED IS NEGATIVE. RUN T/C WIRES IN SEPARATE CONDUIT FROM A-C WIRES. SEVERAL T/C WIRES MAY BE RUN IN THE SAME CONDUIT.

FOR BLUE UDC 3000 CONTROLLERS SUBSTITUTE 17 FOR 26, 18 FOR 27, AND 1 FOR 21.
FOR GREY UDC 3300 CONTROLLERS SUBSTITUTE, 2 FOR 19, AND 3 FOR 21.

FOR:

SCALE:

SAMUEL JACKSON, INC.

ELECTRICAL CONNECTIONS
HOT AIR MIX VALVE

REF: 1255, 1265, 1455, 1465, 1535

DWN.
BY BR

DRAWING NO.

DATE 5-8-06

14-4709B