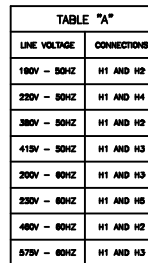




MAIN POWER CONNECTION, STARTER CONTROL MODULE, PUMP MOTORS AND BURNER MOTOR

ABDA HORIZON™ TWO-STAGE DIRECT-FIRED ABSORPTION
UNIT SCHEMATIC WIRING DIAGRAM

DRAWING NUMBER
2307-8201
SHEET 1 OF 6

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THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF THE TRANE COMPANY

⚠ CAUTION
USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED
TO ACCEPT OTHER TYPES OF
CONDUCTORS.
FAILURE TO DO SO MAY CAUSE
DAMAGE TO THE EQUIPMENT.

- NOTE:**
1. **SOLID LINE INDICATE WIRING BY THE TRAME COMPANY AND DASHED LINES INDICATE FIELD WIRING PROVIDED BY CUSTOMER. REFER TO UNIT FIELD WIRING LAYOUT AND CONNECTION DIAGRAMS TO DETERMINE THE ACTUAL CUSTOMER SUPPLIED DEVICES AND WIRING REQUIRED ON THE UNIT.**
 2. **NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF DEVICE CONTACTS BY LINE NUMBER. AN UNDERLINED NUMBER INDICATES A REMOVABLE DISCONNECT CONTACT.**
 3. **UNLESS OTHERWISE SPECIFIED, ALL SWITCHES ARE SHOWN AT 25°C (77°F), AT ATMOSPHERIC PRESSURE, AT 80% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED OFF AND AFTER A NORMAL SITUATION HAS OCCURRED.**
 4. **ALL TRAME DEVICES AND ASSOCIATED WIRING MARKED AS OPTIONAL MAY NOT BE PRESENT ON THE UNIT UNLESS REQUIRED BY CONTROL OPTIONS SPECIFIED OR UNLESS GROUNDING WIREDS TO THE AS-BUILT SCHEMATIC WIRING DIAGRAM SUPPLIED WITH THE UNIT TO DETERMINE OPTIONAL TRAME DEVICES AND WIRING ACTUALLY SUPPLIED ON THE UNIT.**
 5. **191 NON-FUSED DISCONNECT SWITCH, 190N LINE VOLTAGE POWER CONNECTIONS MAY BE TO A 191 FUSED DISCONNECT SWITCH; 118N TERMINAL BLOCK OR 126H CIRCUIT BREAKER AS SPECIFIED ON THE SALES ORDER FOR THE UNIT. IF THE 118N TERMINAL BLOCK IS SPECIFIED FOR LINE VOLTAGE POWER CONNECTION, THE 118N TERMINAL BLOCK MUST BE 194 HORN 1212 FUSE HOLDER WITH 11T2 AND 11T3 TIE RODS PER CURRENT TRANSFORMERS AND CONNECT DIRECTLY TO THE 118N TERMINAL BLOCK.**
 6. **4U1 AND 4U2 DEVICE TERMINALS SHOWN ARE USED ON ALL UNIT VOLTAGE BLOCKS. WHEN LINE VOLTAGE IS 570V-600V, WHEN LINE VOLTAGE IS 570V-600V, DEVICE**

DEVICE PREFIX CODE:

- 1 = MAIN UNIT CONTROL PANEL
- 3 = BURNER CONTROL PANEL
- 4 = UNIT MOUNTED DEVICE
- 5 = REMOTE MOUNTED DEVICE
- 8 = CUSTOMER PROVIDED DEVICE