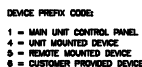


ABTF HORIZON™ TWO-STAGE STEAM OR HOT WATER ABSORPTION UNIT SCHEMATIC WIRING DIAGRAM

SHEET 3 OF 5

CHILLER CONTROL MODULE



1. SOLID LINES INDICATE WIRING BY THE LINE COMPANY AND DASHED LINES INDICATE FIELD WIRING PROVIDED BY CUSTOMER. REFER TO UNIT 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 CONTACT WITH A LOGIC CLOSING ACTION.

3. UNLESS OTHERWISE SPECIFIED, ALL SWITCHES ARE SHOWN AT 20° (7.7°) AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED OFF AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.

4. ALL TRAIL DEVICES AND ASSOCIATED WIRING MARKED AS OPTIONAL, MAY NOT BE PRESENT ON THE UNIT UNLESS REQUIRED BY CONTROL OPTIONS SPECIFIED ON THE SALES ORDER. REFER TO THE AS-BUILT SCHEMATIC WIRING DIAGRAM SUPPLIED WITH THE UNIT TO DETERMINE OPTIONAL TRAIL DEVICES AND WIRING ACTUALLY SUPPLIED ON THE UNIT.

5. IF 1107 OPTIONS CONTROL MODULE IS PRESENT:

WIRE 1080 CONNECTS TO 1107 J1-1, LINE 362 AND WIRE 1086 CONNECTS TO 1107 J1-4, LINE 363
WIRE 1017 CONNECTS TO 1107 JB-1, LINE 362 AND WIRE 1057 CONNECTS TO 1107 JB-2, LINE 363

IF 1107 OPTIONS CONTROL MODULE IS NOT PRESENT AND ANY COMBINATION OF 1108 TRIGGER COMBINATION CONTROL MODULE, 118 REMOTE CLEAR LANGUAGE PC BUFFER CONTROL MODULE OR 1010 PRINTER COMBINATION CONTROL MODULE IS PRESENT, THE ORDER OF WIRING PREFERENCE IS:

WIRE 1080 CONNECTS TO 1108, LINE 110 OR 11010 J1-1, LINE 364, 365 OR 404 AND WIRE 1086 CONNECTS TO 1108, LINE 110 OR 11010 J1-4, LINE 364, 365 OR 404
WIRE 1017 CONNECTS TO 1108 JB-1, LINE 362 AND WIRE 1057 CONNECTS TO 1108 JB-2, LINE 363

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⚠ WARNING
HAZARDOUS VOLTAGE!
 DISCONNECT ALL ELECTRIC POWER
 AND REMOVE ALL DISCONNECTS
 BEFORE SERVICING.
 FAILURE TO DISCONNECT POWER
 BEFORE SERVICING CAN CAUSE
 SEVERE PERSONAL INJURY OR DEATH.

⚠ AVERTISSEMENT
VOLTAGE HASARDEUX!
 DÉCONNECTEZ TOUTES LES SOURCES
 D'ÉLECTRICITÉ ET ENLEVEZ LES
 DISJONCTEURS SITUÉS À DISTANCE
 AVANT D'EFFECTUER L'ENTRETIEN.
 L'AUTE DE DÉCONNECTER LA SOURCE
 D'ÉLECTRICITÉ AVANT D'ENTREPRENDRE
 L'ENTRETIEN PEUT ENTRAÎNER DES
 BLESSURES CORPORELLES SÈVÈRES

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.