



TRANE®

DATE: 3-10-97

ABSORPTION LIQUID CHILLER

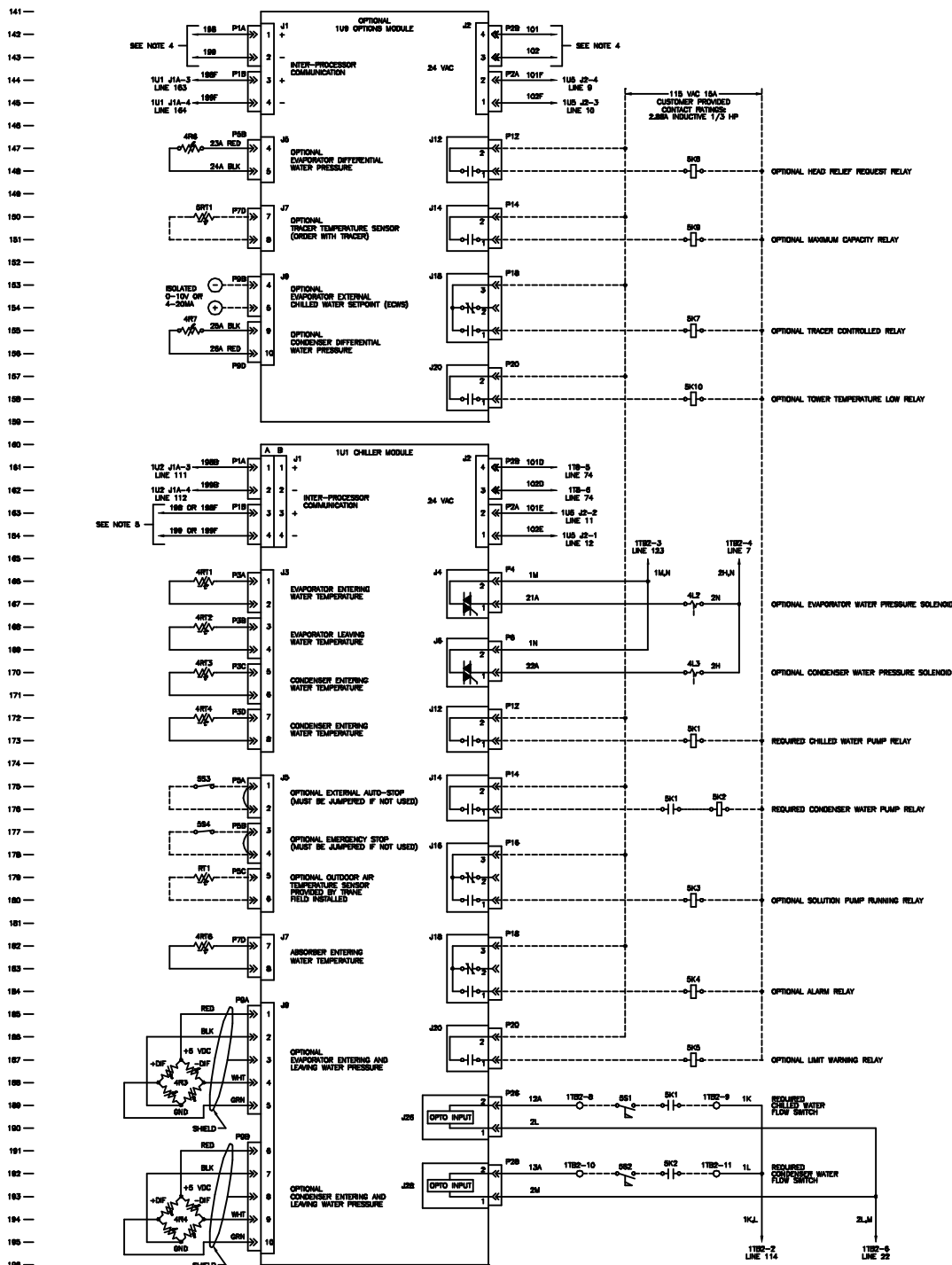
ABSC SINGLE-STAGE STEAM OR HOT WATER ABSORPTION
UNIT SCHEMATIC WIRING DIAGRAM

OPTIONS CONTROL MODULE AND CHILLER CONTROL MODULE

DRAWING NUMBER
2307-3289

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NOTE:

- SOLID LINES INDICATE WIRING BY THE TRANE COMPANY AND DASHED LINES INDICATE FIELD WIRING PROVIDED BY CUSTOMER. REFER TO FIELD WIRING LAYOUT AND CONNECTION DIAGRAMS TO DETERMINE THE ACTUAL CUSTOMER SUPPLIED DEVICES AND WIRING REQUIRED ON THE UNIT.
- UNLESS OTHERWISE SPECIFIED, ALL SWITCHES ARE SHOWN AT 250V (77°F) AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED OFF AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
- ALL TRANE 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 42-BUILT SCHEMATIC WIRING DIAGRAM SUPPLIED WITH THE UNIT TO DETERMINE OPTIONAL TRANE DEVICES AND WIRING ACTUALLY SUPPLIED ON THE UNIT.
- IF 1U6 IPC BUFFER MODULE AND/OR 1U7 PRINTER COMMUNICATION MODULE AND/OR 1U8 TRACER COMMUNICATION MODULE IS PRESENT, THE ORDER OF WIRING PREFERENCE IS:
WIRE 198 CONNECTS TO 1U6 J1A(-), LINE 216 AND WIRE 199 CONNECTS TO 1U6 J1A(-), LINE 217
WIRE 101 CONNECTS TO 1U6 J2A(-), LINE 216 AND WIRE 102 CONNECTS TO 1U6 J2A(-), LINE 217
OR
WIRE 198 CONNECTS TO 1U6 J1A(-), LINE 228 AND WIRE 199 CONNECTS TO 1U6 J1A(-), LINE 229
WIRE 101 CONNECTS TO 1U6 J2A(-), LINE 228 AND WIRE 102 CONNECTS TO 1U6 J2A(-), LINE 229
OR
WIRE 198 CONNECTS TO 1U7 J1A(-), LINE 236 AND WIRE 199 CONNECTS TO 1U7 J1A(-), LINE 237
WIRE 101 CONNECTS TO 1U7 J2A(-), LINE 236 AND WIRE 102 CONNECTS TO 1U7 J2A(-), LINE 237
- IF 1U8 OPTIONS MODULE IS PRESENT:
WIRE 198F CONNECTS TO 1U8 J1-3, LINE 144 AND WIRE 199F CONNECTS TO 1U8 J1-4, LINE 145.
IF 1U6 IPC BUFFER MODULE AND/OR 1U7 PRINTER COMMUNICATION MODULE AND/OR 1U8 TRACER COMMUNICATION MODULE IS PRESENT AND 1U8 OPTIONS MODULE IS NOT PRESENT, THE ORDER OF WIRING PREFERENCE IS:
WIRE 198 CONNECTS TO 1U8 J1A(-), LINE 216 AND WIRE 199 CONNECTS TO 1U8 J1A(-), LINE 217
OR
WIRE 198 CONNECTS TO 1U8 J1A(-), LINE 228 AND WIRE 199 CONNECTS TO 1U8 J1A(-), LINE 229
OR
WIRE 198 CONNECTS TO 1U7 J1A(-), LINE 236 AND WIRE 199 CONNECTS TO 1U7 J1A(-), LINE 237

DEVICE PREFIX CODE:
1 = MAIN CONTROL PANEL
3 = REMOTE MOUNTED DEVICE
4 = UNIT MOUNTED DEVICE
8 = PROVIDED BY CUSTOMER

DASHED LINES INDICATE WIRING BY CUSTOMER

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

WARNING
HAZARDOUS VOLTAGE
DISCONNECT ALL ELECTRIC POWER
INCLUDING REMOTE DISCONNECTS
BEFORE SERVICING. FAILURE TO
DISCONNECT POWER BEFORE
SERVICING CAN CAUSE SEVERE
PERSONAL INJURY OR DEATH.

AVERTISSEMENT
VOLTAGE DANGEREUX
DECONNECTEZ TOUTES LES SOURCES
ELECTRIQUES INCLUANT LES
DISCONNECTEURS AVANT
D'EXECUTER L'ENTRETIEN.
L'ENTRETIEN SANS LA SOURCE
ELECTRIQUE PEUT ENTRAÎNER DES
BLESSURES CORPORELLES SEVERES
OU LA MORT.

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.