



HERMETIC CENTRIFUGAL LIQUID CHILLER

CENTRAVAC[®]
UCP2 SCHEMATIC WIRING CVHE, CVHF, CVHG
UNIT MOUNTED WYE-DELTA STARTER

DRAWING NUMBER

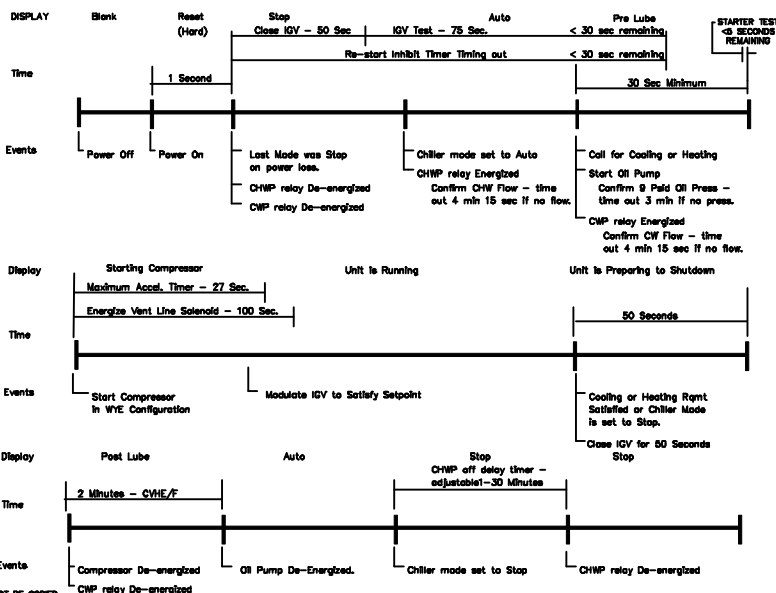
2307-5209

REV



PREFIX CODE
 1 = MAIN CONTROL PANEL
 2 = STARTER PANEL
 3 = PURGE
 4 = UNIT MOUNTED DEVICE
 5 = PROVIDED BY OTHERS
 DASHED LINES INDICATE WIRING BY OTHERS

CentraVac Sequence of Operation With WYE-DELTA Starter



- NOTES:
1. OPTIONAL STARTER INTERLOCK. SEE STARTER MANUFACTURERS WIRING DIAGRAM FOR SPECIFIC INFORMATION.
2. UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25 C (77 F), AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED ON, AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
3. NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF THE CONTACTS BY NUMBER. AN UNLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT.
4. THREE PHASE POWER SUPPLY VOLTAGE—SEE UNIT NAMEPLATE.
5. UNIT MOUNTED VEE—DELTA STARTER WIRING BETWEEN CONTACTS AND CONTROL LOGIC ARE SHOWN. SEE STARTER MANUFACTURERS WIRING DIAGRAM FOR SPECIFIC STARTER WIRING.
6. RELAY COILS ARE NOT SHOWN. CONTACTS ARE CONTROLLED BY THE LOGIC OF THE MICRO-CONTROLLER. SEE SEQUENCE OF OPERATION.
7. POLARITY MARKINGS ON THE CURRENT TRANSFORMER, (ON THE RIGHT) MUST BE FACING TOWARDS THE INCOMING CURRENT.

A rectangular safety warning label with a black border. It contains text in English and French, along with a large warning symbol (a triangle with an exclamation mark). The English text reads: "WARNING", "HAZARDOUS VOLTAGE", "DISCONNECT ALL ELECTRIC POWER", "INSTRUCTIONS: DISCONNECT BEFORE SERVICING.", "FAILURE TO DISCONNECT POWER", "BEFORE SERVICING MAY CAUSE", "SEVERE PERSONAL INJURY OR DEATH.", "CAUTION: DO NOT GRAB THE", "CABLES OR THE POWER SUPPLY", "UNIT WHEN THE POWER IS ON.", "CAUTION: DO NOT GRAB THE", "CABLES OR THE POWER SUPPLY", "UNIT WHEN THE POWER IS ON.", "CAUTION: DO NOT GRAB THE", "CABLES OR THE POWER SUPPLY", "UNIT WHEN THE POWER IS ON." The French text reads: "AVERTISSEMENT", "TENSION DANGEREUSE", "DECONNEXION TOTALE DE L'ALIMENTATION", "ELECTRIQUE", "INSTRUCTIONS: DECONNEXION TOTALE", "AVANT TOUT TRAVAIL D'ENTRETIEN.", "L'ABSENCE DE DECONNEXION", "AVANT TOUT TRAVAIL D'ENTRETIEN", "PEUT CAUSER DE GRAVES", "BLESSES CORPORELLES MÊME", "MORT.", "ATTENTION: NE PAS S'AGRIFFER", "AUX CÂBLES NI AU BOÎTIER", "D'ALIMENTATION QUAND", "L'APPAREIL EST ALLUMÉ.", "ATTENTION: NE PAS S'AGRIFFER", "AUX CÂBLES NI AU BOÎTIER", "D'ALIMENTATION QUAND", "L'APPAREIL EST ALLUMÉ." The label is oriented vertically on the left side of the power supply unit.

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