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**SERVICE BULLETIN**

Supersedes: *Nothing*

895

Form 160.48-M2 (SB2)

File with Form: 160.48-M2

SUBJECT: MICROCOMPUTER CONTROL CENTER (YT CENTRIFUGAL CHILLER) -  
EPROM VERSION C.01F.11 & C.01T.11

ON/ABOUT SEPTEMBER 1995, THE SUBJECT CHILLERS WILL BE SHIPPED WITH EPROM VERSION C.01F.11 (P/N 031-01097-001). ALSO, VERSION C.01T.11 (P/N 031-01097-002) WILL BE AVAILABLE FOR GUARDIAN SERVICE/REMOTE CHILLER COMMUNICATIONS APPLICATIONS. THESE EPROMS CONTAIN THE FOLLOWING ENHANCEMENTS:

**STEAM TURBINE APPLICATIONS**

ON STEAM TURBINE APPLICATIONS (MICRO BOARD PROGRAM JUMPER JP4 REMOVED), THE "DAY-TIME-EVAPORATOR TRANSDUCER OR PROBE ERROR" SAFETY CHECK IS NOW BYPASSED FOR THE FIRST 20 MINUTES OF CHILLER RUN TIME AND THEN PERFORMED AT THE REGULAR 10 MINUTE INTERVALS THEREAFTER. THIS IS TO ALLOW FOR THE ADDITIONAL TIME REQUIRED TO DECREASE THE EVAPORATOR PRESSURE DUE TO THE LONGER ACCELERATION TIME OF THE STEAM TURBINE.

ALSO, WITH PROGRAM JUMPER JP4 REMOVED, THE COASTDOWN DURATION HAS BEEN EXTENDED TO 10 MINUTES. PREVIOUSLY, IT WAS 6 MINUTES.

**CHINESE LANGUAGE DISPLAY**

WITH THIS EPROM, THE CONTROL CENTER CAN BE EQUIPPED WITH AN OPTIONAL CHINESE DISPLAY, EITHER AS A FIELD RETROFIT OR FACTORY SUPPLIED OPTION ON NEW UNITS. THIS DISPLAY MOUNTS ON THE CONTROL CENTER DOOR, DIRECTLY ABOVE THE STANDARD DISPLAY. BOTH THE STANDARD AND CHINESE DISPLAY WILL BE PRESENT, PROVIDING DISPLAY MESSAGES SIMULTANEOUSLY IN BOTH ENGLISH AND CHINESE LANGUAGE.

THE CONTROL CENTER MUST BE CONFIGURED FOR THE DISPLAYS THAT ARE PRESENT, USING THE PROCEDURE BELOW. IF THE CHINESE DISPLAY IS PRESENT, "CHINESE DISPLAY SELECTED" MUST BE PROGRAMMED. OTHERWISE, "CHINESE DISPLAY NOT SELECTED" MUST BE PROGRAMMED.

**IMPORTANT!!! - IF THE CHINESE DISPLAY IS NOT PRESENT AND "CHINESE DISPLAY SELECTED" IS PROGRAMMED, THE STANDARD DISPLAY WILL NOT OPERATE PROPERLY.**

TO SELECT STANDARD DISPLAY OR CHINESE DISPLAY, PROCEED AS FOLLOWS:  
(ADD THESE INSTRUCTIONS TO THE "SYSTEM CALIBRATION & SPECIAL


PROGRAMMING PROCEDURES" SECTION OF SERVICE MANUAL 160.48-M2)

- 1.) ENTER "PROGRAM" MODE USING ACCESS CODE 1-3-8-0.
- 2.) PRESS THE HIDDEN UNEMBOSSED, UNLABELED KEY LOCATED BELOW THE CLOCK SETPOINT KEY.  
"CHINESE DISPLAY NOT SELECTED" OR "CHINESE DISPLAY SELECTED IS DISPLAYED.
- 3.) USE ADVANCE DAY/SCROLL KEY TO SELECT DESIRED DISPLAY. EACH TIME THE KEY IS PRESSED, THE DISPLAY ALTERNATES.
- 4.) PRESS ENTER KEY.  
"PROGRAM MODE, SELECT SETPOINT" IS DISPLAYED.
- 5.) PRESS PROGRAM KEY TO EXIT.

SYSTEM START-UP CHECK LIST

ADD THE FOLLOWING TO THE "SYSTEM START-UP CHECK LIST" SECTION OF SERVICE MANUAL 160.48-M2:

- \* CONFIGURE CONTROL CENTER FOR EITHER STANDARD OR CHINESE DISPLAY.
- \* SELECT STANDARD OR CHINESE DISPLAY (REFER TO "SYSTEM CALIBRATION & SPECIAL PROGRAMMING PROCEDURES" SECTION OF THIS BOOK.

  
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