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<b>LITERATURE SUPPLEMENT</b>	File with: 160.54-M1
Subject: YK Chiller (with OptiView Graphic Control Center) – Revision “E” Micro Board	

Approximately August 2000, revision “E” micro boards (031-01730-000) will be provided in new OptiView Control Centers and to the Parts Distribution Center inventory. These boards differ from previous revisions as follows:

**FUSES**

The board is now equipped with two replaceable 5 Amp fuses labeled F1 and F2. These fuses are available from the Parts Distribution Center under YORK part number 025-34592-000. Fuse F1 protects the +5Vdc supply voltage. It is connected in series with Micro Board Input J1-1. Fuse F2 protects the +12Vdc supply voltage. It is connected in series with Micro Board Input J1-3.

**DISPLAY CONTROLLER**

Previously, micro boards were equipped with a 65548 Display Controller IC (U29). Revision “E” micro boards (and later) could be equipped with either a 65548 or a 65550 Display Controller. Program Jumpers JP43 and JP44 must be positioned properly according to the actual Display Controller type installed. These wire jumpers are positioned correctly at the time the board is manufactured. They should not require field configuration. To support the use of either Display Controller, BIOS Eprom (U45) 031-01796-002 is required in revision “E” (and later) micro boards.

**PROGRAM JUMPERS JP43, JP44**

These new Program Jumpers must be configured appropriately for the Display Controller (U29) type installed on the board. These wire jumpers are configured at the time the board is manufactured and should not require field configuration.

<u>Display Controller Type</u>	<u>JP43 &amp; JP44 Jumper Position</u>
65548	1-2
65550	2-3

**BIOS EPROM**

To support the use of different Display Controllers, as explained above, revision “E” (and later) micro boards require BIOS Eprom (U45) 031-01796-002. When these revision level micro boards are supplied as replacement parts, they are equipped with this BIOS Eprom. **IMPORTANT!** This BIOS Eprom is **NOT** compatible with all versions of Flash Memory Cards. If an incompatible Flash Memory Card is used with this BIOS, the chiller will not run. Refer to following explanation:

**FLASH MEMORY CARD**

Not all versions of Flash Memory Cards (U46) are compatible with revision “E” (and later) micro boards. An appropriate version must be selected from the list below.

**IMPORTANT!** If the wrong Card is used, the initialization (boot-up) process will not complete and the chiller will not run.

<u>Flash Memory Card</u>	<u>Compatibility with Revision “E” Micro Boards</u>
031-01797-001	Must be version C.MLM.01.04 or later (i.e., .05, .06, etc.). Earlier versions (i.e., .03, .02, .01, etc.) are not compatible. In case the available version does not meet this requirement, the latest version of this Card is supplied with each replacement micro board.
031-01797-002	All versions are compatible.