



ES Service Information

File In/With: N/A

SI0146

New

6-06

Equipment Affected: YK Chillers OptiView Control Center

New Microboard 031-02430-001

GENERAL

Beginning June 2006, Microboard 031-02430-001 will be supplied in new production YK Optiview Control Centers and will replace 031-02430-000 in service replacement kit 331-02430-601. Details of this new board are included in Literature supplement 160.54-M1 (LS06) or Service Information letter SI0145. This revises Renewal Parts list 160-54-RP1 (1204) as follows:

ITEM 3 – Change to read as follows:

The control center will be equipped with one of the following boards. For service replacement, regardless of which board is present, order kit 331-02430-601. Microboard 031-02430-001 will be supplied in this kit as described below.

Kit Part number 331-01730-601 is no longer available. It is superceded by kit 331-02430-601.

031-01730-000 – supplied in new production chillers until January 2004. Uses BIOS Eprom (item 14), BRAM (item 32) and Flash Memory Card (item 20). Microboard 031-02430-001 is supplied as service replacement for this board.

031-02430-000 – supplied in new production chillers from January 2004 until June 2006. Uses BIOS Eprom (item 64) and BRAM (item 65). Beginning June2006, Microboard 031-02430-001 is supplied as service replacement for this board.

031-02430-001 – supplied in new production chillers and replacement parts kit 331-02430-601 beginning June 2006. Uses BIOS Eprom 031-02439-001(item 64) and BRAM 031-02565-000 (item 65A). The board is supplied with these items. The board is only available as a kit ordered as part number 331-02430-601 that includes the board and the latest version of Program Card 031-02474-001 (item 66). As supplied, the board is not programmed with a chiller operating program. Upon receipt, the program must be downloaded from supplied Program Card following instructions in YORK Service Manual 160.54-M1. This board is used as service replacement for microboards 031-01730-000 and 031-02430-000. This board requires software version C.OPT.01.15.xxx (or later). It will not function with previous software versions unless certain configuration changes are made per Service Instruction SIxxx or YORK Service Manual 160.54-M1. Although this board operates in all Optiview YK chillers, it is required for Medium Voltage Solid State Starter applications.

ITEM 14 – Change to read “Not compatible with Microboard 031-02430-000 or 031-02430-001”

ITEM 20 – Change to read “Not compatible with Microboard 031-02430-000 or 031-02430-001”

ITEM 32 – Change to read “Not compatible with microboard 031-02430-000 or 031-02430-001”

ITEM 36 – Remove this item

ITEM 36A – Remove this item

ITEM 64 – Change to read “Used on Microboard 031-02430-000 and 031-02430-001 only”

ITEM 65 – Change to read “Not compatible with Microboard 031-01730-000 or 031-02430-001”

ITEM 65A – Add as new item:

BRAM (U38)

031-02565-000

Used on Microboard 031-02430-001 only. Not compatible with microboard 031-01730-000 or 031-02430-000.

ITEM 66 – Change to read ”Used to download YK chiller operating program into 031-02430-000 and 031-02430-001 microboards”

Front Cover – Add the following Optiview Center Part Numbers:

371-04118-110, 111, 112

371-04119-110, 111, 112

371-04120-110, 111, 112