



ROTARY SCREW LIQUID CHILLERS

RENEWAL PARTS

Supersedes: 160.47-RP3 (292)

Form 160.47-RP3 (599)

MICROCOMPUTER CONTROL CENTER

MODELS YS BA BA SO THRU YS FA FB S5 (STYLE A THRU D)
100 - 675 TONS

ELECTRO-MECHANICAL STARTER, SOLID STATE STARTER APPLICATIONS



25166A



26878A

PART NUMBERS

Style A	English Display	371-01200-001
Style C	English Display	371-01200-003
Style C	English & Simplified Chinese	371-01200-006
Style C	English & Traditional Chinese	371-01200-013
Style D	English Display	371-01200-019
Style D	English & Simplified Chinese	371-01200-020
Style D	English & Traditional Chinese	371-01200-021

NOTES:

1. BABCOCK VF-140-04. If not available, Kit 331-00775-600 will be supplied. Kit consists of Display 031-00775-001, Display Reset Board 031-01305-000 and Installation Instructions.
2. BABCOCK VF-140-02 or IEE 33383-01.
3. If it is desired to remotely reset both chilled water setpoint and current limit setpoint, two each are required. If it desired to remotely reset only one of these setpoints, one each are required.
4. If Control Center is equipped with Micro Board 031-00940-001, transducer 025-28678-002 / -007 is used for both water and brine R22 applications and 025-28678-005 / -008 is not applicable.
5. Style "C" and later chillers use straight cut threads.

Replacement Micro Boards are supplied without EPROMs. In some circumstances it will be necessary to remove the EPROM from the defective board and use it in the replacement board. In other circumstances, the available replacement board will not be compatible with the existing EPROM and therefore, both board and EPROM would have to be ordered.

Therefore, to select a replacement Micro Board that will provide proper operation, it is essential that the part number of the defective board and the part number of the EPROM installed in that board are known prior to placing an order. The board part number is printed on the front surface of the board. The EPROM is component U17 on the Micro Board. Its part number is printed on a label attached to the top surface of the EPROM.

Refer to Table 1 and order a replacement Micro Board as follows:

1. In the left hand column of Table 1, locate the part number of the defective Micro Board and the part number of the EPROM installed in that board. In some cases, no EPROM part number is listed because the EPROM will be removed from the defective board and used in the replacement board.
2. Place an order for selection in right hand column. If an EPROM part number is listed in the right hand column, both the Micro Board part number and the EPROM part number must be ordered. In other cases it is necessary to order only the Micro Board.

TABLE 1 –

IF EQUIPPED WITH MICRO BOARD / EPROM	SELECTION	REPLACE WITH MICRO BOARD / EPROM
031-00940-001 / 031-01051-001		031-01065-002 / 031-01102-001 / NOTE 2
031-00940-001 / 031-01051-002	(1)	031-00940-001 / NOTE 1
031-01065-000, -001, -002	(1)	031-01065-002 / NOTE 1

NOTES:

1. Servicemen, in the field, must remove the EPROM from the defective Micro Board and re-use in the replacement board.
2. If brine cooling application, transducer 025-28678-003 / -009 must also be ordered to replace existing 025-28678-002 transducer.

TABLE 2 –

EPROM		APPLICATION	APPLICABLE MICRO BOARD
PART NO.	VERSION		
031-01051-001	4.E	STANDARD CHILLER	031-00940-001
031-01051-002	4.EF	YORK FAX-4000	031-00940-001
031-01102-002	S.01F.17	YORK FAX-4500 AND STANDARD	031-01065-000; -001; -002

TABLE 3 –

PRESSURE TRANSDUCERS	PART NUMBER THREAD TYPE	
	NPTF	STRAIGHT CUT ⁽⁵⁾
CONDENSER, OIL, FILTER OIL & SEAL OIL	025-28678-001	025-28678-006
EVAPORATOR - R22, WATER	025-28678-002 ⁽⁴⁾	025-28678-007 ⁽⁴⁾
R22, BRINE	025-28678-003	025-28678-009
R134a, WATER & BRINE	025-28678-005	025-28678-008

(4), (5) Refer to notes above.