



SERVICE BULLETIN

Subject: 23XL Waterbox Design Change
Models Affected: 23XL Frame 1 & 2 only

Number: C9511
Date: 7/18/95
Supersedes: New
Date:

Purpose:

To advise the field of design changes in the 23XL frame 1 & 2 cooler and condenser waterbox covers.

File: CMLA-SB

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Background:

1. Early 23XL's had a waterbox bolting arrangement adequate for 300 psi but the waterbox itself was rated for 150 psi. The number of bolts was reduced on chillers shipped week 25, 1993 and later (serial no. 2593J____). The old flange gaskets can be used on the redesigned covers with no adverse effect.
2. The division plates of 23XL frame 1 and 2 waterboxes are cast into the cover. On early machines a flat division plate gasket was glued to the rib. On chillers shipped week 32, 1994 and later (serial no. 3294J____) the rib was recessed .140" so that a 19XL style division plate gasket could be utilized.

Recommendation:

If problems are experienced sealing the waterbox gaskets of early chillers due to interference of the division plate rib with the tubesheet, the rib can be recessed (by machining .140" + or - .020") to accept the 19XL style division plate gasket.

Parts:

Waterbox Gasket	# Holes	Old P/N	# Holes	New P/N
		PSN 2593J_____*		SSN 2593J_____*
Frame 1 (Cooler & Cond)	34	10XB15000301	17	10XB15001601
Frame 2 (Cooler & Cond)	40	10XB25001001	20	10XB25002901
		PSN 1094J_____*		SSN 1094J_____*
Division Plate gasket Frame 1 and 2		10XB25002001		19XB680001

*PSN (Prior to Serial Number)

SSN (Starting with Serial Number)