



SERVICE BULLETIN

Title: Defective Oil Filter

Models Affected: 19D, 19/17DR, 19EA/EB, 19/17FA & 17M

Number: C9102

Date: 1/28/91

Supersedes:

Date:

Purpose:

To inform the Service Organization that the KH09AZ001 oil filters (found in the 17S40001 filter and o-ring kit) shipped by RCD between April and December of 1990 are defective.

File Instructions: Motor-Compressor Assembly

Prepared By: George J. Doring

Approved By: Alan M. Johnson

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Background:

Oil filters used in all of our R-11 centrifugal chillers have been redesigned. The new design allows for R-123 compatibility and it has been reinforced to prevent collapsing during operation. The changes include a new plastic support tube located in the center of the filter. The end caps were also changed to plastic, replacing the previous metal cap design. As a result of these changes two problems were discovered with the KH09AZ001 filter (this filter is included with the 17S40001 filter and o-ring kit).

The first problem was that the new plastic end caps were slightly oversized. The mold is being revised to correct the problem. In the interim, RCD is shipping filters with the old metal end caps which are the correct size. These filters began shipping in December. The interim filters will still have the plastic support tube and will be R-123 compatible.

The second problem was that the filter length was too short. It was short by about 1/2 inch. The length should be 9.5 +/- .06 inches long.

The 17S40001 is used on the 19D machine indicated in the above heading except on the 31 size 19D compressor with a compressor serial number 21389 and higher. Although the defective filter is too short and the end caps are too large it does fit this particular machine. If this filter has been installed on the 11, 21 and 31 size 19D compressor with a compressor serial number less than 21389 they do not have to be removed.

Procedure:

In the future, to avoid the possibility of mixing the defective filters with the correct ones, return all defective filters immediately to RCD for credit. Continue to order the interim design as needed. As soon as the new design (plastic end cap and tube) is available, RCD will begin shipping them.