



**UNITED
TECHNOLOGIES
CARRIER**

Commercial Division
Carrier Corporation

BULLETIN: CA-SB-17-67-3

DATE: 3/30/67

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SERVICE BULLETIN

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SUBJECT:

OIL FILTER AND REPLACEMENT ELEMENTS

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PURPOSE

To forward information concerning a new design replacement element for 17M & P, R-11 compressors. To forward a quick reference table for all filter replacement used on 17MPS and 17MP-400 series centrifugal compressors.

MACHINES AFFECTED

17MPS and 17MP-400

PROCEDURE

The 17M and P compressors (R-11 with bellows seal) used filter element KH19BZ005 in the seal oil reservoir. This element has been replaced by an improved element, KH19BZ140, which has a built-in factory adjusted bypass valve, set to relieve at approximately 4 to 5 psid (Figure 1). No field testing or adjustment of the bypass valve is needed. The KH19BZ005 is no longer available as a replacement element.

This element is completely interchangeable in present day machines although there may be some rare cases of the 1940 vintage machines where the seal oil reservoir incorporated a spring to secure the element in place. If the new element does not fit tightly, it is suggested a gasket spacer be added to the felt washer to give the desired extra length (Figure 2).

The 17MPS R-12 machines are now equipped with filter assembly KH31XQ140 and use element 17S40-001 (Figure 3) which supersedes element KH39ZQ600.

The 17MPS 400 with contact seal is equipped with KH33ZM226 for R-12 and R-22 machines - one element KH39ZM221 required.



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Compressor			Auxiliary Oil Piping	
Equipment Model	Filter Assembly	Replacement Element	Filter Assembly	Replacement Element
17MP - R-11 Bellows Seal	Seal Oil Reservoir	KH19BZ140	KH31XQ140	17S40-001
17MPS - R-12 Contact Seal	KH31XQ140	17S40-001	KH31XQ140	17S40-001
17MP400 R-12, R-22 Contact Seal	KH33ZM221 (100 psi)	KH39ZM221		
	KH33ZM226 (300 psi)	KH39ZM221		

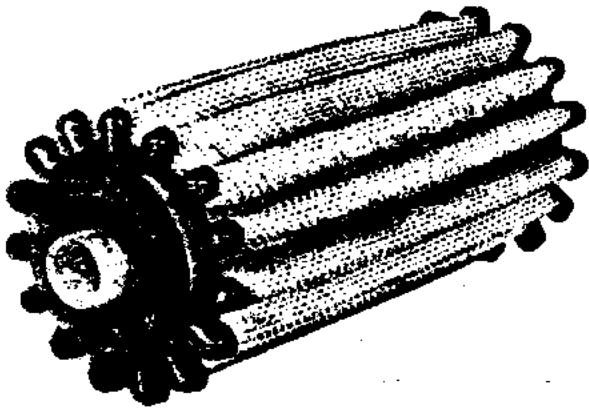


FIG 1

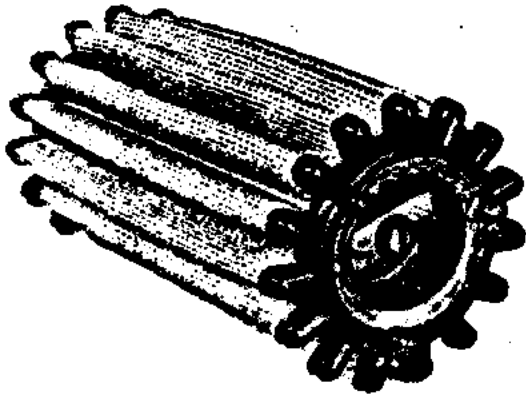


FIG 3

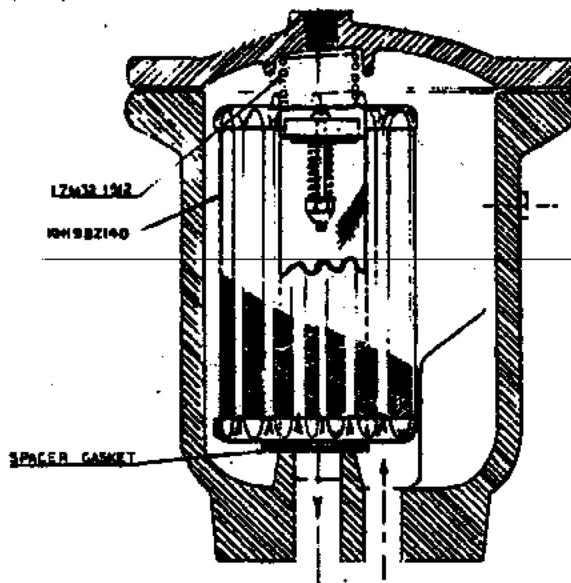


FIG 2