

## DESIGN HISTORY

### SHAFT SEAL

Shaft Seals on 2-5/8" open compressors fall basically into one of three categories:

1. Earliest design compressors (designated by AF or AFX model number prefix) were equipped with a shaft seal utilizing leaf type springs. The seal cover plate on these compressors had a rather flat dome on the outside.
2. Later design compressors (designated by BF or BFX model number prefix, or F32S, F62S and F92S) were equipped with a balanced type shaft seal. The seal cover plate on these compressors had a raised center on the outside.
3. Later design F32S, F62S, F92S and FS32, FS62 and FS92 compressors were equipped with a Brummer (bellows type) Shaft Seal. The cover plate on this type seal is perfectly flat on the outside.

Parts are no longer available for seals described in paragraph No. 1 and No. 2 above. If seal parts are required for these compressors the compressor should be converted to the Brummer type shaft seal. [See Form 180.15-N1 (Supl. 5)] The Brummer seal and part numbers are shown in Fig. 9, page 9.

### CAPACITY CONTROL

The original design of the capacity control mechanism included a capacity control valve and a separate capacity control regulating valve. These separate valves have been combined on the present design. (See Fig. 7.) If compressor is equipped with the separate valves, refer to Fig. 7 and order parts from illustration marked Previous Design.

*NOTE: If compressor is equipped with the separate valves and the hand operating stem of the capacity control valve does not have an indicator collar, order valve Part No. 365-22150.*

If the compressor is equipped with the one-piece valve, refer to Fig. 7 and order parts from illustration marked Present Design.

### CYLINDER SLEEVE GASKETS

Items 9, 10 and 14 shown in Fig. 5 are not used with present design cylinder sleeves and valve plates. They are available only for use with old design cylinder sleeves and valve plates.