



## Application Engineering Bulletin

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### NON-STANDARD STATOR COVER IDENTIFICATION

Some O.E.M. customers purchase compressors with non-standard stator covers in order to provide larger valves, or standardize valve connections, particularly on parallel connected systems. This occasionally results in confusion and misunderstanding in the event a field replacement compressor is required, since wholesalers normally stock only compressors with standard stator covers.

The replacement problem has been explained to all O.E.M. customers using these compressors, and they are aware that normally the stator cover must be changed when the compressor is replaced. This presents no problem other than requiring the proper gasket, but frequently the installing serviceman is not aware of the required stator cover change until the compressor is at the installation site.

In order to easily identify the compressor and stator cover combination, special model numbers having a different fourth digit have been assigned. The various stator covers involved are listed in Table 1, together with a brief description. Compressors having alternate stator covers are listed in Table 2, showing the model designation and applicable stator cover.

It is recommended that O.E.M. customers using compressors with non-standard stator covers ship spare stator cover gaskets in an envelope to be stored at the installation site to insure availability in the event of a compressor replacement.

Table 1

#### COPELAMETIC STATOR COVERS

Copeland Part No.	Description	Gasket
005-0105-00	Plain stator cover (no valve) for NR compressors.	020-0054-00
005-0288-00	Stator cover with top mount valve for NR compressors	020-0054-00
005-0044-00	Standard 9R stator cover for 5 and 7 HP compressors. 1" depth, 2 bolt valve flange.	020-0130-00
005-0101-00	Standard 9R stator cover for 10 HP compressors. 2-3/8" depth, 2 bolt valve flange.	020-0130-00
005-0068-00	Standard 9R stator cover for 15 HP compressors. 2-3/8" depth, 4 bolt valve flange.	020-0130-00
005-0240-00	Standard 4R stator cover. 4-3/8" depth, 2-1/2" bolt centers on top mount valve flange.	020-0066-00
005-0078-01	Standard 6R stator cover. 5-3/8" depth, 3" bolt centers on top mount valve flange.	020-0066-00

Table 2

COMPRESSOR MODEL NUMBER AND STATOR COVER IDENTIFICATION

Compressor Model Number	Stator Cover
NRA2-0500	005-0150-00
NRA3-0500	005-0288-00
MRA2-0500	005-0044-00
MRA3-0500	005-0068-00
MRF2-0500	005-0044-00
MRF3-0500	005-0068-00
9RA1-0500	005-0044-00
9RA3-0500	005-0101-00
9RA1-0760	005-0044-00
9RA2-0760	005-0068-00
9RA3-0760	005-0101-00
9RB1-0760	005-0044-00
9RB2-0760	005-0068-00
9RB3-0760	005-0101-00
9RC1-0760	005-0044-00
9RC3-0760	005-0068-00
9RS2-0760	005-0068-00
9RS3-0760	005-0044-00
9RS4-0760	005-0101-00
9RC1-1010	005-0101-00
9RC3-1010	005-0068-00
9RS1-1500	005-0068-00
9RS4-1500	005-0101-00
4RA3-1000	005-0240-00
4RA4-1000	005-0078-01
4RH1-1500	005-0240-00
4RH2-1500	005-0078-01
4RL1-1500	005-0240-00
4RL2-1500	005-0078-01
4RA3-2000	005-0240-00
4RA4-2000	005-0078-01