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NO: 2024010080
DATE: 10th July 2024
TO: Refrigeration Customers
FROM: Copeland, MEA
SUBJECT: Updated-Changes in Copeland K,L,2/3 cylinder- 50Hz Semi-Hermetic Condensing Units

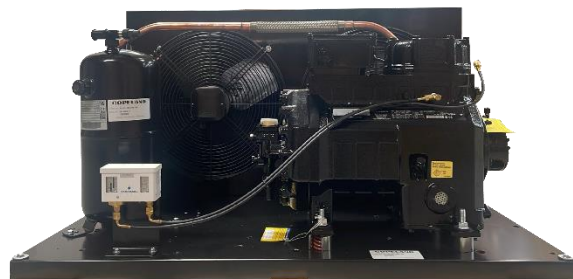
As a part of continuous improvement and standardization process, Copeland semi hermetic condensing unit design has been updated.

Summary of changes on 50Hz Semi Hermetic CDU- K & L, 2S, 2D/3D:

- New fan motor with enclosure to accommodate fan capacitor which eliminates unit terminal box
- New pressure switch & fixing bracket
- Bill of Material changes from '-B' to '-F00'
- Piping design change in discharge line & flexible hose. To accommodate these changes, base frame dimensions have changed on K units only as highlighted in table 1
- On 2D/ 3D semi hermetic units, receiver size has been updated as per below table 1: we are aligning the receiver size in condensing units with respect to application (Medium and low temperature), cooling capacity & condenser size.



'L body Semi Hermetic Condensing Unit'



'2D body Semi Hermetic Condensing Unit'

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In addition to above, as part of product rationalization below models will be discontinued:

M8-2SA-45X-EWL & R7-2SA-45X-EWL

Please note complete list of obsolete models & their equivalent models as below:

Table 1:

MEA Obsolete Model	New Model	Receiver size ltr	Base frame dimensions mm
B8-KJ-10X-EWL-B	B8-KJ-10X-EWL-F00	3.3	715/560
B8-KJ-7X-EWL-B	B8-KJ-7X-EWL-F00	3.3	715/560
B8-KL-15X-EWL-B	B8-KL-15X-EWL-F00	3.3	715/560
B8-KM-7X-EWL-B	B8-KM-7X-EWL-F00	3.3	715/560
B8-KSJ-10X-EWL-B	B8-KSJ-10X-EWL-F00	3.3	715/560
D8-KSJ-15X-EWL-B	D8-KSJ-15X-EWL-F00	3.9	715/560
D8-KSL-20X-EWL-B	D8-KSL-20X-EWL-F00	3.9	715/560
H7-KSL-20X-EWL-B	H7-KSL-20X-EWL-F00	3.9	680/735
H7-LF-20X-EWL-B	H7-LF-20X-EWL-F00	3.9	680/735
H8-KSL-20X-EWL-B	H7-LF-20X-EWL-F00	7.9	680/735
H8-LE-20X-EWL-B	H8-LE-20X-EWL-F00	7.9	680/735
H8-LF-30X-EWL-B	H8-LF-30X-EWL-F00	7.9	680/735
H8-LJ-20X-EWL-B	H8-LJ-20X-EWL-F00	7.9	680/735
H8-LJ-30X-EWL-B	H8-LJ-30X-EWL-F00	7.9	680/735
H8-LL-30X-EWL-B	H8-LL-30X-EWL-F00	7.9	680/735
H8-LL-40X-EWL-B	H8-LL-40X-EWL-F00	7.9	680/735
H8-LSG-40X-EWL-B	H8-LSG-40X-EWL-F00	7.9	680/735
M8-2SA-45X-EWL-B	M8-LSG-40X-EWL-F00	7.9	730/735
R6-LF-30X-EWL-B	R6-LF-30X-EWL-F00	7.9	820/1130
R6-LJ-30X-EWL-B	R6-LJ-30X-EWL-F00	7.9	820/1130
R6-LL-40X-EWL-B	R6-LL-40X-EWL-F00	7.9	820/1130
R7-2SA-45X-EWL-B	R7-LSG-40X-EWL-F00	7.9	820/1130
R6-2SA-55X-EWL-B	R6-2SA-55X-EWL-F00	11.7	820/1130
S9-2SC-55X-EWL-B	S9-2SC-55X-EWL-F00	11.7	820/1130
S9-2SC-65X-EWL-B	S9-2SC-65X-EWL-F00	11.7	820/1130

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R7-2DB-50X-AWM-B/F01	R7-2DB-50X-AWM-F00/F01	11.7	820/1130
R7-2DB-50X-DC-AWM-B/F01	R7-2DB-50X-DC-AWM-F00/F01	11.7	820/1130
R7-2DD-50X-AWM-B/F01	R7-2DD-50X-AWM-F00/F01	11.7	820/1130
R7-2DL-75X-AWM-B/F01	R7-2DL-75X-AWM-F00/F01	11.7	820/1130
R7-3DC-75X-AWM-B/F01	R7-3DC-75X-AWM-F00/F01	11.7	820/1130
R7-3DC-75X-DC-AWM-B/F01	R7-3DC-75X-DC-AWM-F00/F01	11.7	820/1130
S9-2DB-75X-AWM-B/F01	S9-2DB-75X-AWM-F00/F01	15.8	820/1130
S9-3DA-75X-AWM-B/F01	S9-3DA-75X-AWM-F00/F01	15.8	820/1130
S9-3DS-100X-AWM-B/F01	S9-3DS-100X-AWM-F00/F01	15.8	820/1130
S9-3DS-100X-DC-AWM-B/F01	S9-3DS-100X-DC-AWM-F00/F01	15.8	820/1130
V6-3DC-100X-AWM-B/F01	V6-3DC-100X-AWM-F00/F01	15.8	820/1330
V9-2SK-65X-EWL-B	V9-2SK-65X-EWL-F00	11.7	820/1130
W9-3DS-150X-AWM-B/F01	W9-3DS-150X-AWM-F00/F01	18.9	820/1640

Apart from the above changes, form, fit and function of new units remains same.

This change will be effective 1st Oct 2024 for units shipped from Dammam, KSA with serial number starting with 24D-XXXXXX-J onwards.

Copeland Europe operations is in the process of phasing out 3S, DHLA-50X semi hermetic compressors in coming months. Accordingly, Copeland MEA will be obsoleting below condensing unit models. Kindly reach out to Copeland sales and application support for equivalent models.

Table 2:

MEA Obsolete Models
R6-LHA-50X-EWL-B
R7-LHA-50X-EWL-B
S9-3SC-75X-AWM-B
V6-3SC-75X-AWM-B
V6-3SS-100X-AWM-B
V9-3SA-75X-AWM-B
V6-3SC-100X-AWM-B
W9-3SS-150X-AWM-B
WDH4A-HA050-EWL

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Please note that as mentioned in the initial part of this bulletin, henceforth all the models with BOM nomenclature '-B' will be changed as '-F00' & this will also be applicable to the last orders for models in table 2. Last date for placing an order on models to be obsoleted as per table 2 is by 31st August 2024 and order will be shipped from Dammam, KSA.

For more information, please contact your local Copeland representative.