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NO: 2024010082-Updated
DATE: 13th Sept 2024
TO: Refrigeration Customers
FROM: Copeland, MEA
SUBJECT: Update on changes in Copeland 4/6M Stream CDU-50Hz

As a part of continuous improvement and standardization process, Copeland 4/6M semi hermetic condensing units will henceforth have compressor with Protection module instead of CoreSense diagnostic module.

Because of this change the units will now be supplied with OPS2 oil pressure switch (similar to Copeland 2D/3D semi hermetic CDU models). Protection module model protects motor from overheating.

Going forward, nomenclature of condensing units with protection module will be identified as:

Current Nomenclature CoreSense Module	New Nomenclature Protection Module
N	P00/PA0
NF01	P01/PA1
NF02	P02/PA2
NF03	P03/PA3

Also, please note that as part of the homogenization of model nomenclature, two-stage condensing units models- 25HP and 30HP, will also have a changed nomenclature as listed in below table.

Z12-6TJ -250X-SUB-AWM-F03	Z12-6TJ -250X-SUB-AWM-PA3
Z12-6TK-300X-SUB-AWM-F03	Z12-6TK-300X-SUB-AWM-PA3

In addition to above, below models are being phased out:

W9-4MM-20X
W9-4MM-20X-DC
Z9-4MM-20X
Z9-4MM20X-DC
Z9-4MI-30X

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Please refer below table for complete list of models:

Table 1:

-N' Semi Hermetic CDU	Equivalent new '-P' Semi Hermetic CDU
W9-4MF-13X-AWM-N/NF01/NF02/NF03	W9-4MF-13X-AWM-P00/P01/P02/P03
W9-4MF-13X-DC-AWM-N/NF01/NF02/NF03	W9-4MF-13X-DC-AWM-P00/P01/P02/P03
W9-4ML-15X-AWM-N/NF01/NF02/NF03	W9-4ML-15X-AWM-P00/P01/P02/P03
W9-4ML-15X-DC-AWM-N/NF01/NF02/NF03	W9-4ML-15X-DC-AWM-P00/P01/P02/P03
W9-4MT-22X-AWM-N/NF01/NF02/NF03	W9-4MT-22X-AWM-P00/P01/P02/P03
W9-4MT-22X-DC-AWM-N/NF01/NF02/NF03	W9-4MT-22X-DC-AWM-P00/P01/P02/P03
Z9-4MA-22X-AWM-N/NF01/NF02/NF03	Z9-4MA-22X-AWM-P00/P01/P02/P03
Z9-4MH-25X-AWM-N/NF01/NF02/NF03	Z9-4MH-25X-AWM-P00/P01/P02/P03
Z9-4MJ-33X-AWM-N/NF01/NF02/NF03	Z9-4MJ-33X-AWM-P00/P01/P02/P03
Z9-4ML-15X-AWM-N/NF01/NF02/NF03	Z9-4ML-15X-AWM-P00/P01/P02/P03
Z9-4ML-15X-DC-AWM-N/NF01/NF02/NF03	Z9-4ML-15X-DC-AWM-P00/P01/P02/P03
Z9-4MT-22X-AWM-N/NF01/NF02/NF03	Z9-4MT-22X-AWM-P00/P01/P02/P03
Z9-4MT-22X-DC-AWM-N	Z9-4MT-22X-DC-AWM-P00/P01/P02/P03
Z9-4MU-25X-AWM-N/NF01/NF02/NF03	Z9-4MU-25X-AWM-P00/P01/P02/P03
Z9-4MU-25X-DC-AWM-N/NF01/NF02/NF03	Z9-4MU-25X-DC-AWM-P00/P01/P02/P03
Z9-6MM-30X-AWM-N/NF01/NF02/NF03	Z9-6MM-30X-AWM-P00/P01/P02/P03
Z9-6MM-30X-DC-AWM-N/NF01/NF02/NF03	Z9-6MM-30X-DC-AWM-P00/P01/P02/P03
Z12-4MK-35X-AWM-N/NF01/NF02/NF03	Z12-4MK-35X-AWM-PA0/PA1/PA2/PA3
Z12-6MI-40X-AWM-N/NF01/NF02/NF03	Z12-6MI-40X-AWM-PA0/PA1/PA2/PA3
Z12-6MU-40X-AWM-N/NF01/NF02/NF03	Z12-6MU-40X-AWM-PA0/PA1/PA2/PA3
Z12-6MU-40X-DC-AWM-N/NF01/NF02/NF03	Z12-6MU-40X-DC-AWM-PA0/PA1/PA2/PA3

Effective 1st Oct 2024, we will be only offering units with new Protection module Semi Hermetic as per above table from Dammam, KSA with serial number starting with 24D-XXXXXX-J onwards. Also, to cater for low GWP refrigerant options, 4/6M condensing unit models will be released with R407a, R407f, R448a and R449a A1 refrigerants. Performance data of units with these refrigerants will be updated in next revision of Copeland MEA Select by end of 2024.

For more information, please contact your local Copeland representative.