

Launching New Copeland F Series Reciprocating Condensing Units for 50HZ Medium Temperature applications and Nomenclature Changes to the Platform

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TO:	Refrigeration Customers
FROM:	Copeland MEA

Overview

Copeland MEA is launching new F series units with CS platform hermetic reciprocating compressors qualified to meet current HFC requirements for Middle East markets for 50Hz medium temperature applications. This series will replace the existing F series units with CR compressors.

Summary of changes:

New F series MT units with CS compressors which are qualified for R404A and R22 applications

Key features:

- Compact design with an enhanced base frame
- High efficiency Copeland compressors with sight glass
- Energy efficient silent fans
- Condenser coils designed for high ambient
- Liquid receiver, HP/LP switch and Crankcase heater included as standard features
- Optimized layout of components for easy serviceability

List of models being phased out and alternate new models launched with revised nomenclature as detailed in the table below.

Medium Temperature Applications :

Old model with CR compressor	New model with CS compressor
FMD8A-CR22-CFZ-0	FMD8A1-CS10-CFZ
FMD8A-CR30-CFZ-0	FMH7A1-CS13-CFZ
FMH8A-CR36-CFZ-0	FMH8A1-CS17-CFZ
FMH8A-CR36-TFM-0	FMH8A1-CS17-TFM
FMM8A-CR42-TFM-0	FMM8A1-CS20-TFM
FMR6A-CR53-TFM-0	FMR6A1-CS27-TFM
FMR7A-CR62-TFM-0	FMR7A1-CS33-TFM

Low Temperature Applications:

The following low temperature models will continue (having the KCM series compressor), with only a change in nomenclature to standardize BOM:

Old LT Model	New LT Model
FLC8A-CM475-CFZ-0	FLD8A1-CM475-CFZ
FLH7A-CM512-TFM-0	FLH7A1-CM512-TFM
FLH7A-CM515-TFM-0	FLH7A1-CM515-TFM
FLH8A-CM517-TFM-0	FLH8A1-CM517-TFM
FLH8A-CM520-TFM-0	FLH8A1-CM520-TFM

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

Please refer the product catalogue for performance and other details of these units.

This change will be effective for units shipped from Dammam, KSA starting 1st May,2025.