

Technical Tips

TECHNICAL UPDATE: New range of Euro Cold chillers, compliant with the F-Gas regulation that will come into effect on January 1, 2027.

Euro Cold informs its customers that the update to its range of industrial chillers—to ensure compliance with the new F-Gas regulation—includes a revision of the available alternative power supply options. Standard power supply configurations remain unchanged; the table therefore compares the previous and new ranges, model by model, and clearly indicates which variants have been introduced and which have been discontinued.

STANDARD UNAFFECTED	SINGLE-PHASE MODELS	THREE-PHASE MODELS
The standard power supply remains unchanged. The differences shown in the tables relate only to the alternative variants.	230/1/50 single-phase standard	400/3/50 three-phase standard

COMPARISON OF POWER SOURCES: LP/ECF models with power < 12 kW

The standard power supply—230/1/50 and 400/3/50—is shown in the table, along with the available variants.

OLD RANGE			NEW RANGE			CHANGE IN POWER SUPPLIES
Model	Gas	Voltages / frequencies	Model	Gas	Voltages / frequencies	Difference
LPH 12	R407C	230/1/50 230/1/60	LPH 12	R513A / R454C	230/1/50 230/1/60	No change No change in power supply
LP 25	R407C	230/1/50 230/1/60	LP 25	R513A / R454C	230/1/50 230/1/60	No change No change in power supply
LP 45	R410A	380/3/50 400/3/50 380/3/60 400/3/60	LP 45	R513A / R454C	380/3/50 400/3/50 440/3/60	+ INTRODUCED 440/3/60 - ELIMINATED * 380/3/60 400/3/60 Replacement of previous 60 Hz variants
LP 60	R407C	380/3/50 400/3/50 380/3/60 400/3/60	LP 60	R513A / R454C	380/3/50 400/3/50 440/3/60	+ INTRODUCED 440/3/60 - ELIMINATED * 380/3/60 400/3/60 Replacement of previous 60 Hz variants

COMPARISON OF POWER SUPPLY TYPES: MP/ECF models with power > 12 kW

The standard 400/3/50 power supply is shown in the table, along with the available variants.

OLD RANGE			NEW RANGE			CHANGE IN POWER SUPPLIES
Model	Gas	Voltages / frequencies	Model	Gas	Voltages / frequencies	Difference
MP 95	R407C	380/3/50 400/3/50 440/3/60 460/3/60	MP 95	R513A	380/3/50 400/3/50 460/3/60	- ELIMINATED * 440/3/60 The 440/3/60 variant is no longer foreseen
MP 160	R407C	380/3/50 400/3/50 440/3/60 460/3/60	MP 160	R513A	380/3/50 400/3/50 460/3/60	- ELIMINATED * 440/3/60 The 440/3/60 variant is no longer foreseen
MP 200	R407C	380/3/50 400/3/50 440/3/60 460/3/60	MP 200	R513A	380/3/50 400/3/50 460/3/60	- ELIMINATED * 440/3/60 The 440/3/60 variant is no longer foreseen
MP 300	R407C	380/3/50 400/3/50 440/3/60 460/3/60	MP 300	R513A	380/3/50 400/3/50 460/3/60	- ELIMINATED * 440/3/60 The 440/3/60 variant is no longer foreseen
MP 350	R407C	380/3/50 400/3/50	MP 350	R513A	380/3/50 400/3/50 460/3/60	+ INTRODUCED 460/3/60 Variant 460/3/60 introduced
MP 380	R407C	380/3/50 400/3/50	MP 380	R513A	380/3/50 400/3/50 460/3/60	+ INTRODUCED 460/3/60 Variant 460/3/60 introduced
—	—	—	MP 400	R513A	380/3/50 400/3/50 440/3/60 460/3/60	New model in the available range
MP 450	R410A	400/3/50 460/3/60	MP 480	R513A	380/3/50 400/3/50 440/3/60 460/3/60	+ INTRODUCED 380/3/50 440/3/60 New model in the available range
MP 580	R410A	400/3/50 460/3/60	MP 550	R513A	380/3/50 400/3/50 440/3/60 460/3/60	+ INTRODUCED 380/3/50 440/3/60 New model in the available range
MP 620	R410A	400/3/50 460/3/60	—	—	—	—
—	—	—	MP 700	R513A	380/3/50 400/3/50 440/3/60 460/3/60	New model in the available range

COMPARISON OF POWER SUPPLY TYPES: MP-HE/ECF models with power > 12 kW

OLD RANGE			NEW RANGE			CHANGE IN POWER SUPPLIES
Model	Gas	Voltages / frequencies	Model	Gas	Voltages / frequencies	Difference
MP-HE 780	R410A	400/3/50 460/3/60	—	—	—	—
MP-HE 800	R410A	400/3/50 460/3/60	MP-HE 790	R454B	380/3/50 400/3/50 460/3/60	+ INTRODUCED 380/3/50 Variant 380/3/50 introduced
MP-HE 820	R410A	400/3/50 460/3/60	MP-HE 810	R454B	380/3/50 400/3/50 460/3/60	+ INTRODUCED 380/3/50 Variant 380/3/50 introduced
MP-HE 880	R410A	400/3/50 460/3/60	MP-HE 860	R454B	380/3/50 400/3/50 460/3/60	+ INTRODUCED 380/3/50 Variant 380/3/50 introduced
MP-HE 900	R410A	400/3/50 460/3/60	MP-HE 890	R454B	380/3/50 400/3/50 460/3/60	+ INTRODUCED 380/3/50 Variant 380/3/50 introduced

HOW TO READ THE "DIFFERENCE" COLUMN

+ INTRODUCED = a new electric variant is available in the new range.

- ELIMINATED * = a variant present in the old product range but no longer included in the new one. Where no changes are indicated, the alternative electrical offering remains unchanged.

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For clarifications regarding a specific power supply configuration, please contact the Euro Cold technical or sales department.

*** For voltages marked as ELIMINATED, our Commercial Department may consider requests for specific offers.**