



PRODUCT PERFORMANCE RATING

Document ID 031620211408-23077086

Issued on 16 March 2021

This product is certified by Eurovent Certita Certification as mentioned on

Certificate N° 00.01.137

This document is valid at the date of issue - **Check the current validity on www.eurovent-certification.com**

Product	Air Conditioners / Climatiseurs (AC)
Product type	Comfort air conditioner from 12 to 50 kW/ air-cooled/ multi-split/ reversible
Brand	LG
Range	MU
Product référence	FM40AH.U34/CT18F.NQ0+CT24F.NB0

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location
LGELECTRONICS	LGELECTRONICS	LGELECTRONICS	Italy

FEATURE	VALUE	UNIT
STANDARD COOLING/COOLING PL COND A		
Pc	12.10	kW
EER	2.78	

FEATURE	VALUE	UNIT
STANDARD HEATING		
Ph	13.50	kW
COP	3.30	



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FEATURE	VALUE	UNIT
ACOUSTIC		
LwO env	69	dB(A)
LwI1 env	57	dB(A)
LwI2 env	53	dB(A)

FEATURE	VALUE	UNIT
COOLING PL CONDB		
PcB	8.92	kW
EERB	4.60	

FEATURE	VALUE	UNIT
COOLING PL CONDC		
PcC	5.74	kW
EERC	6.96	



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FEATURE	VALUE	UNIT
COOLING PL CONDD		
PcD	2.55	kW
EERD	8.99	

FEATURE	VALUE	UNIT
SEASONALCOOLING		
Pdesignc	12.10	kW
SEER	5.70	

FEATURE	VALUE	UNIT
HEATING PL CONDA		
PhA	7.62	kW
COPA	2.78	

FEATURE	VALUE	UNIT
HEATING PL CONDB		
PhB	4.65	kW
COPB	4.15	



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FEATURE	VALUE	UNIT
HEATING PL CONDC		
PhC	2.98	kW
COPC	5.00	

FEATURE	VALUE	UNIT
HEATING PL CONDD		
PhD	2.83	kW
COPD	5.87	

FEATURE	VALUE	UNIT
BIVALENT POINT		
Tbiv	-10	°C
COP @ Tbiv	2.30	
Ph TBiv	8.60	kW



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FEATURE	VALUE	UNIT
SEASONAL HEATING		
Pdesignh	8.60	kW
SCOP	4.10	

FEATURE	VALUE	UNIT
ACOUSTIC IN HEATING		
LwO env in heating	70	dB(A)

FEATURE	VALUE	UNIT
PSBC		
Psbc	22.00	W

FEATURE	VALUE	UNIT
PSBH		
Psbh	22.00	W



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FEATURE	VALUE	UNIT
GENERAL		
Capacity Control	Variable	
Main Power Supply	230-1-50	
Refrigerant	R410A	
Refr. Line	5	m
Mounting	Cassette	
No. of IU	2	