



PRODUCT PERFORMANCE RATING

Document ID 011720201157-10657795

Issued on 17 January 2020

This product is certified by Eurovent Certita Certification as mentioned on

Certificate N° 00.01.136

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 below 12 kW/ air-cooled/ split/ reversible
Brand	LG
Range	U4
Product référence	UUC1 U40 / UM30FH N20

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location
LG ELECTRONICS	LG ELECTRONICS	LG ELECTRONICS	Italy

FEATURE	VALUE	UNIT
STANDARD COOLING/COOLING PL COND A		
Pc	7.90	kW
Pec	2.25	kW
EER	3.51	



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FEATURE	VALUE	UNIT
STANDARD HEATING		
Ph	9.00	kW
Peh	2.27	kW
COP	3.97	

FEATURE	VALUE	UNIT
ACOUSTIC		
LwO env	68	dB(A)
LwI1 duct	59	dB(A)

FEATURE	VALUE	UNIT
COOLING PL CONDB		
Pc @ 30°C	5.82	kW
EER @ 30°C	5.12	



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FEATURE	VALUE	UNIT
COOLING PL CONDC		
Pc @ 25°C	3.74	kW
EER @ 25°C	8.43	

FEATURE	VALUE	UNIT
COOLING PL CONDD		
Pc @ 20°C	3.20	kW
EER @ 20°C	12.19	

FEATURE	VALUE	UNIT
SEASONAL EFFICIENCY IN COOLING		
Pdesignc	7.90	kW
SEER	6.60	
Qce	419.00	kWh/annum
SEER Class	A++	



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FEATURE	VALUE	UNIT
HEATING PL CONDA		
Ph @ -7°C	4.78	kW
COP @ -7°C	3.04	

FEATURE	VALUE	UNIT
HEATING PL CONDB		
Ph @ +2°C	2.91	kW
COP @ 2°C	4.21	

FEATURE	VALUE	UNIT
HEATING PL CONDC		
Ph @ +7°C	2.05	kW
COP @ +7°C	5.42	



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FEATURE	VALUE	UNIT
HEATING PL CONDD		
Ph @ +12°C	2.40	kW
COP @ +12°C	6.75	

FEATURE	VALUE	UNIT
HEATING AVERAGE CLIMATE		
Pdesignh	5.40	kW
SCOP	4.30	
SCOP Class	A+	
Qhe	1758.00	kWh/annum

FEATURE	VALUE	UNIT
BIVALENT POINT		
Tbiv	-7	°C
COP @ Tbiv	3.04	
Ph TBiv	4.78	kW



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FEATURE	VALUE	UNIT
TOL RUNING TEST		
TOL	-10.00	°C
COP @ TOL	2.85	
Ph @ TOL	5.30	kW

FEATURE	VALUE	UNIT
POFFC		
Poff	80.00	W

FEATURE	VALUE	UNIT
PSBC		
Psb	6.00	W

FEATURE	VALUE	UNIT
PTOC		
Pto	6.00	W



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FEATURE	VALUE	UNIT
GENERAL		
Capacity Control	Variable	
Main Power Supply	230-1-50	
Refrigerant	R32	
Refr. Line	5m	m
Mounting	Ducted	