



PRODUCT PERFORMANCE RATING

Document ID 011720201158-10658740

Issued on 17 January 2020

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/ split/ reversible
Brand	LG
Range	UU
Product référence	UUD1 U30 / UM48FH N30

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	13.40	kW
Pec	4.12	kW
EER	3.25	



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FEATURE	VALUE	UNIT
STANDARD HEATING		
Ph	15.50	kW
Peh	4.19	kW
COP	3.70	

FEATURE	VALUE	UNIT
ACOUSTIC		
LwO env	69	dB(A)
LwI1 duct	65	dB(A)

FEATURE	VALUE	UNIT
COOLING PL CONDB		
PcB	9.88	kW
EERB	5.05	



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FEATURE	VALUE	UNIT
COOLING PL CONDC		
PcC	6.35	kW
EERC	7.40	

FEATURE	VALUE	UNIT
COOLING PL CONDD		
PcD	3.60	kW
EERD	10.95	

FEATURE	VALUE	UNIT
SEASONALCOOLING		
Pdesignc	13.40	kW
SEER	6.10	
ηsc	241.00	%



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FEATURE	VALUE	UNIT
HEATING PL CONDA		
PhA	8.40	kW
COPA	3.05	

FEATURE	VALUE	UNIT
HEATING PL CONDB		
PhB	5.12	kW
COPB	4.12	

FEATURE	VALUE	UNIT
HEATING PL CONDC		
PhC	3.29	kW
COPC	4.81	



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FEATURE	VALUE	UNIT
HEATING PL CONDD		
PhD	3.10	kW
COPD	5.82	

FEATURE	VALUE	UNIT
BIVALENT POINT		
Tbiv	-7	°C
COP @ Tbiv	3.05	
Ph TBiv	8.40	kW

FEATURE	VALUE	UNIT
SEASONALHEATING		
Pdesignh	9.50	kW
SCOP	4.10	
ηsh	161.00	%



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FEATURE	VALUE	UNIT
ACOUSTIC IN HEATING		
LwO env in heating	69	dB(A)
LwI1 duct in heating	65	dB(A)

FEATURE	VALUE	UNIT
PSBC		
Psbc	15.00	W

FEATURE	VALUE	UNIT
PSBH		
Psbh	15.00	W



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