



PRODUCT PERFORMANCE RATING

Document ID 062120191516-8787971

Issued on 21 June 2019

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 type	Comfort air conditioner below 12 kW/ air-cooled/ split/ reversible
Brand	LG
Range	UA3
Product référence	AC12SQ UA3 / AC12SQ NSJ

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
THERMAL		
Pc	3.50	kW
Pec	1.08	kW
EER	3.24	



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FEATURE	VALUE	UNIT
STANDARD HEATING		
Ph	4.00	kW
COP	3.81	
Peh	1.05	kW

FEATURE	VALUE	UNIT
ACOUSTIC		
LwO env	65	dB(A)
Lwl1 env	59	dB(A)

FEATURE	VALUE	UNIT
COOLING PL CONDB		
Pc @ 30°C	2.58	kW
EER @ 30°C	5.00	



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FEATURE	VALUE	UNIT
COOLING PL CONDC		
Pc @ 25°C	1.66	kW
EER @ 25°C	8.30	

FEATURE	VALUE	UNIT
COOLING PL CONDD		
Pc @ 20°C	1.05	kW
EER @ 20°C	11.50	

FEATURE	VALUE	UNIT
SEASONAL EFFICIENCY IN COOLING		
Pdesignc	3.50	kW
SEER	6.60	
Qce	186.00	kWh/annum
SEER Class	A++	



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FEATURE	VALUE	UNIT
HEATING PL CONDA		
Ph @ -7°C	2.25	kW
COP @ -7°C	2.78	

FEATURE	VALUE	UNIT
HEATING PL CONDB		
Ph @ +2°C	1.35	kW
COP @ 2°C	3.87	

FEATURE	VALUE	UNIT
HEATING PL CONDC		
Ph @ +7°C	0.88	kW
COP @ +7°C	5.06	



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FEATURE	VALUE	UNIT
HEATING PL CONDD		
Ph @ +12°C	1.00	kW
COP @ +12°C	6.37	

FEATURE	VALUE	UNIT
HEATING AVERAGE CLIMATE		
Pdesignh	2.50	kW
SCOP	4.00	
SCOP Class	A+	
Qhe	875.00	kWh/annum

FEATURE	VALUE	UNIT
BIVALENT POINT		
Tbiv	-10	°C
COP @ Tbiv	2.74	
Ph TBiv	2.50	kW



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FEATURE	VALUE	UNIT
TOL RUNING TEST		
TOL	-10.00	°C
COP @ TOL	2.74	
Ph @ TOL	2.50	kW

FEATURE	VALUE	UNIT
HEATING COLDER CLIMATE		
SCOP Class_colder climate	G	

FEATURE	VALUE	UNIT
HEATING WARMER CLIMATE		
SCOP	4.90	
Qhe	371.00	kWh/annum
SCOP Class_warmer climate	A++	



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FEATURE	VALUE	UNIT
POFFC		
Poff	3.00	W

FEATURE	VALUE	UNIT
PSBC		
Psb	3.00	W

FEATURE	VALUE	UNIT
PTOC		
Pto	12.00	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	Wall mounted	