



PRODUCT PERFORMANCE RATING

Document ID 091320190040-9571696

Issued on 13 September 2019

This product is certified by Eurovent Certita Certification as mentioned on

Certificate N° 14.12.005

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

Product	Variable refrigerant flow / Débit de réfrigérant variable (VRF)
Product type	VRF / Air cooled/ Reversible
Brand	LG
Range	MULTI V M
Product référence	ARUN050LMS0 (ARUN050LMC0-ARUN050GME0)

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location
LG Electronics		Benelux	Netherlands

FEATURE	VALUE	UNIT
COOLING		
Pc out	14.00	kW
Pec out	4.12	kW
EERout	3.40	



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FEATURE	VALUE	UNIT
HEATING		
Ph out	14.00	kW
Peh out	3.59	kW
COPout	3.90	

FEATURE	VALUE	UNIT
ACOUSTICS		
LwO env		dB(A)
LwO duct	68.00	dB(A)

FEATURE	VALUE	UNIT
ACOUSTICS IN HEATING		
LwO duct in heating	68.00	dB(A)
LwO env in heating		dB(A)



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FEATURE	VALUE	UNIT
SEASONALCOOLING		
SEER	7.03	
η_{sc}	278.20	%

FEATURE	VALUE	UNIT
COOLING PL COND B		
PcB	10.40	kW
EERB	7.26	

FEATURE	VALUE	UNIT
COOLING PL COND C		
PcC	6.64	kW
EERC	10.20	



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FEATURE	VALUE	UNIT
COOLING PL COND D		
PcD	3.47	kW
EERD	5.93	

FEATURE	VALUE	UNIT
SEASONALHEATING		
Pdesignh	9.80	kW
SCOP	4.12	
η_{sh}	161.80	%

FEATURE	VALUE	UNIT
HEATING PL COND A		
PhA	8.70	kW
COPA	3.87	



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FEATURE	VALUE	UNIT
HEATING PL COND B		
PhB	5.30	kW
COPB	3.10	

FEATURE	VALUE	UNIT
HEATING PL COND C		
PhC	3.40	kW
COPC	6.84	

FEATURE	VALUE	UNIT
HEATING PL COND D		
PhD	2.60	kW
COPD	6.00	



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FEATURE	VALUE	UNIT
T BIVALENT		
Tbiv	-10.00	°C
PhTbiv	9.80	kW
COPTbiv	3.38	

FEATURE	VALUE	UNIT
PSBC		
Psbc	25.00	W

FEATURE	VALUE	UNIT
PSBH		
Psbh	25.00	W



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FEATURE	VALUE	UNIT
GENERAL - PRODUCT		
Mounting	ducted	
Cassette Type		
IU Range Names	ARNU***M*	
Main Power Supply	400-3-50	
Refrigerant	R410A	
Capacity Control	Variable	