



# PRODUCT PERFORMANCE RATING

Document ID 091320190031-9571382

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](http://www.eurovent-certification.com)**

Product	Variable refrigerant flow / Débit de réfrigérant variable (VRF)
Product type	VRF / Air cooled/ Reversible
Brand	LG
Range	MULTI V 5
Product référence	ARUM120LTE5

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location
LG Electronics		Benelux	Netherlands

FEATURE	VALUE	UNIT
<b>COOLING</b>		
Pc out	33.60	kW
Pec out	7.58	kW
EERout	4.43	



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FEATURE	VALUE	UNIT
<b>HEATING</b>		
Ph out	33.60	kW
Peh out	6.84	kW
COPout	4.91	

FEATURE	VALUE	UNIT
<b>ACOUSTICS</b>		
LwO env	86.00	dB(A)

FEATURE	VALUE	UNIT
<b>ACOUSTICS IN HEATING</b>		
LwO env in heating	89.00	dB(A)



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FEATURE	VALUE	UNIT
<b>SEASONALCOOLING</b>		
SEER	9.59	
$\eta_{sc}$	380.60	%

FEATURE	VALUE	UNIT
<b>COOLING PL COND B</b>		
PcB	24.80	kW
EERB	6.70	

FEATURE	VALUE	UNIT
<b>COOLING PL COND C</b>		
PcC	15.90	kW
EERC	12.00	



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FEATURE	VALUE	UNIT
<b>COOLING PL COND D</b>		
PcD	8.31	kW
EERD	17.00	

FEATURE	VALUE	UNIT
<b>SEASONALHEATING</b>		
Pdesignh	26.50	kW
SCOP	5.01	
$\eta_{sh}$	197.40	%

FEATURE	VALUE	UNIT
<b>HEATING PL COND A</b>		
PhA	23.40	kW
COPA	3.55	



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FEATURE	VALUE	UNIT
<b>HEATING PL COND B</b>		
PhB	14.30	kW
COPB	4.10	

FEATURE	VALUE	UNIT
<b>HEATING PL COND C</b>		
PhC	9.16	kW
COPC	8.70	

FEATURE	VALUE	UNIT
<b>HEATING PL COND D</b>		
PhD	6.90	kW
COPD	8.80	



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FEATURE	VALUE	UNIT
<b>T BIVALENT</b>		
Tbiv	-10.00	°C
PhTbiv	26.50	kW
COPTbiv	3.30	

FEATURE	VALUE	UNIT
<b>PSBC</b>		
Psbc	40.00	W

FEATURE	VALUE	UNIT
<b>PSBH</b>		
Psbh	110.00	W



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