



# PRODUCT PERFORMANCE RATING

**Document ID 091320190038-9571384**

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	ARUM160LTE5

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	44.80	kW
Pec out	10.90	kW
EERout	4.11	



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FEATURE	VALUE	UNIT
<b>HEATING</b>		
Ph out	44.80	kW
Peh out	10.28	kW
COPout	4.36	

FEATURE	VALUE	UNIT
<b>ACOUSTICS</b>		
LwO env	90.00	dB(A)

FEATURE	VALUE	UNIT
<b>ACOUSTICS IN HEATING</b>		
LwO env in heating	94.00	dB(A)



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FEATURE	VALUE	UNIT
<b>SEASONALCOOLING</b>		
SEER	8.38	
$\eta_{sc}$	332.20	%

FEATURE	VALUE	UNIT
<b>COOLING PL COND B</b>		
PcB	33.00	kW
EERB	5.74	

FEATURE	VALUE	UNIT
<b>COOLING PL COND C</b>		
PcC	21.20	kW
EERC	10.00	



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FEATURE	VALUE	UNIT
<b>COOLING PL COND D</b>		
PcD	9.44	kW
EERD	14.80	

FEATURE	VALUE	UNIT
<b>SEASONALHEATING</b>		
Pdesignh	35.30	kW
SCOP	4.83	
$\eta_{sh}$	190.20	%

FEATURE	VALUE	UNIT
<b>HEATING PL COND A</b>		
PhA	31.20	kW
COPA	2.96	



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FEATURE	VALUE	UNIT
<b>HEATING PL COND B</b>		
PhB	19.00	kW
COPB	4.18	

FEATURE	VALUE	UNIT
<b>HEATING PL COND C</b>		
PhC	12.20	kW
COPC	8.23	

FEATURE	VALUE	UNIT
<b>HEATING PL COND D</b>		
PhD	7.50	kW
COPD	9.47	



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FEATURE	VALUE	UNIT
<b>T BIVALENT</b>		
Tbiv	-10.00	°C
PhTbiv	35.30	kW
COPTbiv	2.38	

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	