



# PRODUCT PERFORMANCE RATING

**Document ID 091320190031-9571385**

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	ARUM180LTE5

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	50.40	kW
Pec out	10.91	kW
EERout	4.62	



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FEATURE	VALUE	UNIT
<b>HEATING</b>		
Ph out	50.40	kW
Peh out	10.12	kW
COPout	4.98	

FEATURE	VALUE	UNIT
<b>ACOUSTICS</b>		
LwO env	92.00	dB(A)

FEATURE	VALUE	UNIT
<b>ACOUSTICS IN HEATING</b>		
LwO env in heating	95.00	dB(A)



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FEATURE	VALUE	UNIT
<b>SEASONALCOOLING</b>		
SEER	8.23	
$\eta_{sc}$	326.20	%

FEATURE	VALUE	UNIT
<b>COOLING PL COND B</b>		
PcB	37.10	kW
EERB	6.00	

FEATURE	VALUE	UNIT
<b>COOLING PL COND C</b>		
PcC	23.90	kW
EERC	8.20	



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FEATURE	VALUE	UNIT
<b>COOLING PL COND D</b>		
PcD	10.60	kW
EERD	17.00	

FEATURE	VALUE	UNIT
<b>SEASONALHEATING</b>		
Pdesignh	39.70	kW
SCOP	4.00	
$\eta_{sh}$	157.00	%

FEATURE	VALUE	UNIT
<b>HEATING PL COND A</b>		
PhA	35.10	kW
COPA	2.80	



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FEATURE	VALUE	UNIT
<b>HEATING PL COND B</b>		
PhB	21.40	kW
COPB	3.40	

FEATURE	VALUE	UNIT
<b>HEATING PL COND C</b>		
PhC	1.37	kW
COPC	6.10	

FEATURE	VALUE	UNIT
<b>HEATING PL COND D</b>		
PhD	6.11	kW
COPD	7.90	



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FEATURE	VALUE	UNIT
<b>T BIVALENT</b>		
Tbiv	-10.00	°C
PhTbiv	43.90	kW
COPTbiv	2.50	

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

FEATURE	VALUE	UNIT
<b>PSBH</b>		
Psbh	215.00	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	