



# PRODUCT PERFORMANCE RATING

**Document ID 091320190033-9571777**

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	ARUM100LTE5

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	28.00	kW
Pec out	6.36	kW
EERout	4.40	



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FEATURE	VALUE	UNIT
<b>HEATING</b>		
Ph out	28.00	kW
Peh out	5.96	kW
COPout	4.70	

FEATURE	VALUE	UNIT
<b>ACOUSTICS</b>		
LwO env	85.00	dB(A)

FEATURE	VALUE	UNIT
<b>ACOUSTICS IN HEATING</b>		
LwO env in heating	88.00	dB(A)



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FEATURE	VALUE	UNIT
<b>SEASONALCOOLING</b>		
SEER	9.45	
$\eta_{sc}$	375.00	%

FEATURE	VALUE	UNIT
<b>COOLING PL COND B</b>		
PcB	20.60	kW
EERB	6.80	

FEATURE	VALUE	UNIT
<b>COOLING PL COND C</b>		
PcC	13.30	kW
EERC	12.00	



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FEATURE	VALUE	UNIT
<b>COOLING PL COND D</b>		
PcD	10.30	kW
EERD	17.00	

FEATURE	VALUE	UNIT
<b>SEASONALHEATING</b>		
Pdesignh	22.10	kW
SCOP	4.36	
$\eta_{sh}$	171.40	%

FEATURE	VALUE	UNIT
<b>HEATING PL COND A</b>		
PhA	19.50	kW
COPA	3.20	



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FEATURE	VALUE	UNIT
<b>HEATING PL COND B</b>		
PhB	11.90	kW
COPB	3.60	

FEATURE	VALUE	UNIT
<b>HEATING PL COND C</b>		
PhC	7.64	kW
COPC	7.10	

FEATURE	VALUE	UNIT
<b>HEATING PL COND D</b>		
PhD	7.19	kW
COPD	8.30	



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FEATURE	VALUE	UNIT
<b>T BIVALENT</b>		
Tbiv	-10.00	°C
PhTbiv	22.10	kW
COPTbiv	2.80	

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	cassette	
Cassette Type	4-way	
IU Range Names	ARNU2**T*	
Main Power Supply	400-3-50	
Refrigerant	R410A	
Capacity Control	Variable	