



PRODUCT PERFORMANCE RATING

Document ID 091320190031-9571383

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 5
Product référence	ARUM140LTE5

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	39.20	kW
Pec out	8.67	kW
EERout	4.52	



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FEATURE	VALUE	UNIT
HEATING		
Ph out	39.20	kW
Peh out	8.13	kW
COPout	4.82	

FEATURE	VALUE	UNIT
ACOUSTICS		
LwO env	89.00	dB(A)

FEATURE	VALUE	UNIT
ACOUSTICS IN HEATING		
LwO env in heating	93.00	dB(A)



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FEATURE	VALUE	UNIT
SEASONALCOOLING		
SEER	8.89	
η_{sc}	352.60	%

FEATURE	VALUE	UNIT
COOLING PL COND B		
PcB	28.90	kW
EERB	6.20	

FEATURE	VALUE	UNIT
COOLING PL COND C		
PcC	18.60	kW
EERC	10.70	



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FEATURE	VALUE	UNIT
COOLING PL COND D		
PcD	11.60	kW
EERD	16.00	

FEATURE	VALUE	UNIT
SEASONALHEATING		
Pdesignh	30.90	kW
SCOP	4.63	
η_{sh}	182.20	%

FEATURE	VALUE	UNIT
HEATING PL COND A		
PhA	27.30	kW
COPA	3.10	



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FEATURE	VALUE	UNIT
HEATING PL COND B		
PhB	16.60	kW
COPB	3.80	

FEATURE	VALUE	UNIT
HEATING PL COND C		
PhC	10.70	kW
COPC	8.12	

FEATURE	VALUE	UNIT
HEATING PL COND D		
PhD	7.70	kW
COPD	9.50	



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FEATURE	VALUE	UNIT
T BIVALENT		
Tbiv	-10.00	°C
PhTbiv	30.90	kW
COPTbiv	2.50	

FEATURE	VALUE	UNIT
PSBC		
Psbc	40.00	W

FEATURE	VALUE	UNIT
PSBH		
Psbh	110.00	W



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