



# PRODUCT PERFORMANCE RATING

**Document ID 091720190953-9635904**

Issued on 17 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 S
Product référence	ARUN040GSS5

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	12.10	kW
Pec out	3.43	kW
EERout	3.53	



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FEATURE	VALUE	UNIT
<b>HEATING</b>		
Ph out	12.10	kW
Peh out	2.30	kW
COPout	5.26	

FEATURE	VALUE	UNIT
<b>ACOUSTICS</b>		
LwO env	67.00	dB(A)

FEATURE	VALUE	UNIT
<b>ACOUSTICS IN HEATING</b>		
LwO env in heating	71.00	dB(A)



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FEATURE	VALUE	UNIT
<b>SEASONALCOOLING</b>		
SEER	8.10	
$\eta_{sc}$	321.00	%

FEATURE	VALUE	UNIT
<b>COOLING PL COND B</b>		
PcB	8.92	kW
EERB	6.61	

FEATURE	VALUE	UNIT
<b>COOLING PL COND C</b>		
PcC	5.74	kW
EERC	10.80	



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FEATURE	VALUE	UNIT
<b>COOLING PL COND D</b>		
PcD	3.63	kW
EERD	11.44	

FEATURE	VALUE	UNIT
<b>SEASONALHEATING</b>		
Pdesignh	8.75	kW
SCOP	4.70	
$\eta_{sh}$	185.00	%

FEATURE	VALUE	UNIT
<b>HEATING PL COND A</b>		
PhA	7.74	kW
COPA	3.60	



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FEATURE	VALUE	UNIT
<b>HEATING PL COND B</b>		
PhB	4.72	kW
COPB	4.20	

FEATURE	VALUE	UNIT
<b>HEATING PL COND C</b>		
PhC	3.03	kW
COPC	6.30	

FEATURE	VALUE	UNIT
<b>HEATING PL COND D</b>		
PhD	2.90	kW
COPD	8.30	



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FEATURE	VALUE	UNIT
<b>T BIVALENT</b>		
Tbiv	-10.00	°C
PhTbiv	8.75	kW
COPTbiv	2.70	

FEATURE	VALUE	UNIT
<b>PSBC</b>		
Psbc	15.00	W

FEATURE	VALUE	UNIT
<b>PSBH</b>		
Psbh	15.00	W



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FEATURE	VALUE	UNIT
<b>GENERAL - PRODUCT</b>		
Mounting	ducted	
Cassette Type		
IU Range Names	ARNU***M*	
Main Power Supply	230-1-50	
Refrigerant	R410A	
Capacity Control	Variable	