

PRODUCT PERFORMANCE RATING

Document ID 1688551858-cf-c4754a2a

Issued on: 5 July 2023- Délivré le : 5 juillet 2023

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Certification programmes / Programmes de certification

Variable Refrigerant Flow (Variable refrigerant flow systems)

Product type / Type de produit

Air cooled, reversible

Model name / Nom du modèle

ARUM100LTE5

Range / Gamme

MULTI V 5

Participant / Titulaire

LG ELECTRONICS Inc.

Brand / Marque

LG

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FEATURE	VALUE	UNIT
Standard Cooling/Cooling PL Cond A		
Pc out (Outdoor Cooling Capacity)	28	kW
Pec out (Outdoor power input (cooling))	9.3	kW
EERout (Outdoor Energy Efficiency Ratio)	3.01	
Heating		
Ph out (Outdoor Heating Capacity)	28	kW
Peh out (Outdoor power input (heating))	6.45	kW
COPout (Outdoor Coefficient of Performance)	4.34	
Acoustics		
LWO env (A weighted sound power level outdoor unit (non ducted))	80	dB(A)
Acoustics In Heating		
LWO env in heating (A weighted sound power level outdoor unit (non ducted) in heating)	80	dB(A)
SeasonalCooling		
SEER	7.8	
ηsc	309	%
Cooling PL Cond B		
PcB	20.64	kW
EERB	5.8	
Cooling PL Cond C		
PcC	13.27	kW
EERC	9.39	
Cooling PL Cond D		
PcD	6.56	kW
EERD	15.3	
SeasonalHeating Average		
Pdesignh	16	kW
SCOP	4.39	
ηsh	172.6	%
Heating PL Cond A		
PhA	14.16	kW

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FEATURE	VALUE	UNIT
Heating PL Cond A		
COPA	2.65	
Heating PL Cond B		
PhB	8.62	kW
COPB	3.94	
Heating PL Cond C		
PhC	5.54	kW
COPC	7.02	
Heating PL Cond D		
PhD	5.3	kW
COPD	9.1	
T Bivalent		
Tbiv (Bivalent Temperature)	-10	°C
PhTbiv	16	kW
COPTbiv	2.4	
PsbC		
PsbC	40	W
Psbh		
Psbh	110	W
General - Product		
Refrigerant (Refrigerant.Eg.:R410A, R407C)	R410A	
Main Power Supply (Main Power Supply Voltage(V) - Phase-Frequency (Hz))	400-3-50	
Mounting (Mounting type)	cassette	
Cassette Type (Type of Cassette)	4-way	
IU Names (Names of combinable Indoor units)	4 x ARNU24GTAA4	
IU Range Names (Range Names of combinable Indoor units)	ARNU2**T*	
Capacity Control (Capacity Control:Fixed, Staged, Variable)	Variable	