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Summary of	NEVIS PLUS R32 50 MUD0	Reg. No.	ICIM-PDC-000102
Certificate Holder			
Name	Ariston Thermo Group		
Address	Viale Aristide Merloni 45	Zip	I-60044
City	Fabriano (AN)	Country	Italy
Certification Body	ICIM S.p.A.		
Subtype title	NEVIS PLUS R32 50 MUD0		
Heat Pump Type	Air/Air Single Split		
Refrigerant	R32		
Mass of Refrigerant	1.1 kg		
Certification Date	07.06.2021		
Testing basis	V9		

Model: NEVIS PLUS R32 50 MUD0

Configure model	
Model name	NEVIS PLUS R32 50 MUD0
Application	Heating + Cooling
Climate zone (for heating)	n/a
EN14511-2 certification (heating mode)	Yes

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2	
	A35/A27
Heating capacity	5.57
El input	1.50 kW
COP	3.71

Cooling

EN 14511-2	
El input	1.55 kW
Cooling capacity	5.30
EER	3.42

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EN 14511-4

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Starting and operating test	passed

EN 12102-1

Sound power level indoor	56 dB(A)
Sound power level outdoor	64 dB(A)

EN 14825

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	Indoor dry(wet) bulb temperature 27(19)°C
P _{designc}	5.30 kW
SEER	7.50
P _{dc Tj = 35°C}	5.30 kW
EER T _j = 35°C	3.58
P _{dc Tj = 30°C}	3.89 kW
EER T _j = 30°C	5.03
C _{dc}	0.3
P _{dc Tj = 25°C}	2.47 kW
EER T _j = 25°C	9.31
C _{dc}	0.3
P _{dc Tj = 20°C}	1.97 kW
EER T _j = 20°C	14.57
C _{dc}	0.3
P _{off}	1 W
PTO	11 W
PSB	1 W
PCK	0 W
Annual energy consumption Q _{ce}	247 kWh

Average Climate

EN 14825

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	Indoor dry bulb temperature: 20°C
P _{designh}	4.20 kW
SCOP	4.00
T _{biv}	-7 °C
TOL	-15 °C
P _{dh} T _j = -7°C	3.72 kW
COP T _j = -7°C	2.73
C _{dh} T _j = -7 °C	0.250
P _{dh} T _j = +2°C	2.45 kW
COP T _j = +2°C	4.03
C _{dh} T _j = +2 °C	0.250
P _{dh} T _j = +7°C	1.55 kW
COP T _j = +7°C	4.92
C _{dh} T _j = +7 °C	0.250
P _{dh} T _j = 12°C	1.58 kW
COP T _j = 12°C	6.07
C _{dh} T _j = +12 °C	0.250
P _{dh} T _j = T _{biv}	3.72 kW
COP T _j = T _{biv}	2.73
P _{dh} T _j = TOL or P _{dh} T _j = T _{designh} if TOL < T _{designh}	3.45 kW
COP T _j = TOL or COP T _j = T _{designh} if TOL < T _{designh}	2.57
P _{off}	1 W

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PTO	11 W
PSB	1 W
PCK	0 W
Backup Heater	0.00 kW
Annual energy consumption Q _{he}	1470 kWh