Subtype NEVIS PLUS R32 50 MUD0

Certificate Holder	Ariston Thermo Group
Address	Viale Aristide Merloni 45
ZIP	I-60044
City	Fabriano (AN)
Country	IT
Certification Body	ICIM S.p.A.
Subtype title	NEVIS PLUS R32 50 MUD0
Registration number	ICIM-PDC-000102
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	
Model name	NEVIS PLUS R32 50 MUD0
Application	Heating + Cooling
Units	n/a
Climate zone (for heating)	n/a
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Air/Air Single Split	
EN 14511-4 | Cooling	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Starting and operating test	passed

EN 12102-1 | Cooling	
Sound power level indoor	56 dB(A)
Sound power level outdoor	64 dB(A)

EN 14825 | Cooling	
	Indoor dry(wet) bulb temperature 27(19)°C
Pdesignc	5.30 kW
SEER	7.50
Pdc Tj = 35°C	5.30 kW
EER Tj = 35°C	3.58
Pdc Tj = 30°C	3.89 kW
EER Tj = 30°C	5.03
Cdc Tj = 30 °C	0.3
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	9.31
Cdc Tj = 25 °C	0.3
Pdc Tj = 20°C	1.97 kW
EER Tj = 20°C	14.57
Cdc Tj = 20 °C	0.3
Poff	1 W
PTO	11 W
PSB	1 W
PCK	0 W
Annual energy consumption Qce	247 kWh

EN 14825 | Average Climate

	Indoor dry bulb temperature: 20°C
Pdesignh	4.20 kW
SCOP	4.00
Tbiv	-7 °C
TOL	-15 °C
Pdh Tj = -7°C	3.72 kW
COP Tj = -7°C	2.73
Cdh Tj = -7 °C	0.250
Pdh Tj = +2°C	2.45 kW
COP Tj = +2°C	4.03
Cdh Tj = +2 °C	0.250
Pdh Tj = +7°C	1.55 kW
COP Tj = +7°C	4.92
Cdh Tj = +7 °C	0.250
Pdh Tj = 12°C	1.58 kW
COP Tj = 12°C	6.07
Cdh Tj = +12 °C	0.250
Pdh Tj = Tbiv	3.72 kW
COP Tj = Tbiv	2.73
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.45 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.57
Poff	1 W
PTO	11 W
PSB	1 W
PCK	0 W
Backup Heater	0.00 kW
Annual energy consumption Qhe	1470 kWh