

Subtype NEVIS EVO R32 50 UD0-I

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 EVO R32 50 UD0-I
Registration number	ICIM-PDC-000173
Heat Pump Type	Air/Air Single Split
Refrigerant	R32
Mass of Refrigerant	1.1 kg
Certification Date	31.08.2022
Testing basis	Heat Pump KEYMARK V10

Model NEVIS EVO R32 50 UD0-I

Model name	NEVIS EVO R32 50 UD0-I
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 14511-2 | Heating

	A7/A20
Heating capacity	5.57
El input	1.42 kW
COP	3.92

EN 14511-2 | Cooling

	A35/A27
El input	1.45 kW
Cooling capacity	5.28
EER	3.64

EN 12102-1 | Cooling

Sound power level indoor	60 dB(A)
Sound power level outdoor	65 dB(A)

EN 14825 | Cooling

Pdesignc	Indoor dry(wet) bulb temperature 27(19)°C
SEER	5.30 kW
Pdc Tj = 35°C	7.10
EER Tj = 35°C	5.30 kW
Cdc Tj = 35 °C	3.47
Pdc Tj = 30°C	0.250
EER Tj = 30°C	3.76 kW
	5.01

Cdc Tj = 30 °C	0.250
Pdc Tj = 25°C	2.30 kW
EER Tj = 25°C	8.46
Cdc Tj = 25 °C	0.250
Pdc Tj = 20°C	1.85 kW
EER Tj = 20°C	13.70
Cdc Tj = 20 °C	0.250
Poff	1 W
PTO	17 W
PSB	1 W
PCK	0 W
Annual energy consumption Qce	261 kWh

EN 14825 | Average Climate

Indoor dry bulb temperature: 20°C	
Pdesignh	4.20 kW
SCOP	4.11
Tbiv	-7 °C
TOL	-10 °C
Pdh Tj = -7°C	3.72 kW
COP Tj = -7°C	2.66
Cdh Tj = -7 °C	0.250
Pdh Tj = +2°C	2.33 kW
COP Tj = +2°C	4.18
Cdh Tj = +2 °C	0.250
Pdh Tj = +7°C	1.45 kW
COP Tj = +7°C	5.03
Cdh Tj = +7 °C	0.250
Pdh Tj = 12°C	1.56 kW
COP Tj = 12°C	6.60
Cdh Tj = +12 °C	0.250
Pdh Tj = Tbiv	3.72 kW
COP Tj = Tbiv	2.66
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.46 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.62
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	
Poff	1 W
PTO	17 W
PSB	1 W
PCK	0 W
Backup Heater	0.48 kW
Annual energy consumption Qhe	1433 kWh