

Subtype NEVIS EVO R32 25/35 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 25/35 UD0-I
Registration number	ICIM-PDC-000172
Heat Pump Type	Air/Air Single Split
Refrigerant	R32
Mass of Refrigerant	0.62 kg
Certification Date	31.08.2022
Testing basis	Heat Pump KEYMARK V10

Model NEVIS EVO R32 35 UD0-I

Model name	NEVIS EVO R32 35 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	3.96
El input	0.99 kW
COP	4.00

EN 14511-2 | Cooling

	A35/A27
El input	0.93 kW
Cooling capacity	3.52
EER	3.80

EN 12102-1 | Cooling

Sound power level indoor	56 dB(A)
Sound power level outdoor	61 dB(A)

EN 14825 | Cooling

	Indoor dry(wet) bulb temperature 27(19)°C
Pdesignc	3.50 kW
SEER	8.50
Pdc Tj = 35°C	3.50 kW
EER Tj = 35°C	3.80
Cdc Tj = 35 °C	0.250
Pdc Tj = 30°C	2.35 kW
EER Tj = 30°C	6.27

Cdc Tj = 30 °C	0.250
Pdc Tj = 25°C	1.06 kW
EER Tj = 25°C	10.07
Cdc Tj = 25 °C	0.250
Pdc Tj = 20°C	1.00 kW
EER Tj = 20°C	17.30
Cdc Tj = 20 °C	0.250
Poff	1 W
PTO	13 W
PSB	1 W
PCK	0 W
Annual energy consumption Qce	144 kWh

EN 14825 | Average Climate

	Indoor dry bulb temperature: 20°C
Pdesignh	2.60 kW
SCOP	4.60
Tbiv	-7 °C
TOL	-10 °C
Pdh Tj = -7°C	2.30 kW
COP Tj = -7°C	3.25
Cdh Tj = -7 °C	0.250
Pdh Tj = +2°C	1.41 kW
COP Tj = +2°C	4.64
Cdh Tj = +2 °C	0.250
Pdh Tj = +7°C	0.91 kW
COP Tj = +7°C	5.50
Cdh Tj = +7 °C	0.250
Pdh Tj = 12°C	0.68 kW
COP Tj = 12°C	6.61
Cdh Tj = +12 °C	0.250
Pdh Tj = Tbiv	2.30 kW
COP Tj = Tbiv	3.25
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	2.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.05
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	
Poff	1 W
PTO	15 W
PSB	1 W
PCK	0 W
Backup Heater	0.30 kW
Annual energy consumption Qhe	791 kWh

Model NEVIS EVO R32 25 UD0-I

Model name	NEVIS EVO R32 25 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	3.14
El input	0.68 kW
COP	4.61

EN 14511-2 | Cooling

	A35/A27
El input	0.62 kW
Cooling capacity	2.73
EER	4.41

EN 12102-1 | Cooling

Sound power level indoor	56 dB(A)
Sound power level outdoor	59 dB(A)

EN 14825 | Cooling

	Indoor dry(wet) bulb temperature 27(19)°C
Pdesignc	2.70 kW
SEER	9.30
Pdc Tj = 35°C	2.70 kW
EER Tj = 35°C	4.50
Cdc Tj = 35 °C	0.250
Pdc Tj = 30°C	1.81 kW
EER Tj = 30°C	7.26

Cdc Tj = 30 °C	0.250
Pdc Tj = 25°C	1.16 kW
EER Tj = 25°C	11.36
Cdc Tj = 25 °C	0.250
Pdc Tj = 20°C	1.10 kW
EER Tj = 20°C	17.40
Cdc Tj = 20 °C	0.250
Poff	1 W
PTO	13 W
PSB	1 W
PCK	0 W
Annual energy consumption Qce	102 kWh

EN 14825 | Average Climate

	Indoor dry bulb temperature: 20°C
Pdesignh	2.50 kW
SCOP	4.60
Tbiv	-7 °C
TOL	-10 °C
Pdh Tj = -7°C	2.21 kW
COP Tj = -7°C	3.24
Cdh Tj = -7 °C	0.250
Pdh Tj = +2°C	1.36 kW
COP Tj = +2°C	4.68
Cdh Tj = +2 °C	0.250
Pdh Tj = +7°C	0.88 kW
COP Tj = +7°C	5.45
Cdh Tj = +7 °C	0.250
Pdh Tj = 12°C	0.68 kW
COP Tj = 12°C	6.59
Cdh Tj = +12 °C	0.250
Pdh Tj = Tbiv	2.21 kW
COP Tj = Tbiv	3.24
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	2.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.95
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	
Poff	1 W
PTO	14 W
PSB	1 W
PCK	0 W
Backup Heater	0.29 kW
Annual energy consumption Qhe	761 kWh