

Subtype KYRIS NET R32 25/35

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	KYRIS NET R32 25/35
Registration number	ICIM-PDC-000275
Heat Pump Type	Air/Air Single Split
Refrigerant	R32
Mass of Refrigerant	1.1 kg
Certification Date	29.08.2024
Testing basis	V14
Testing laboratory	Bureau Veritas Consumer Products Services (Guangzhou) Co., Ltd, Science City Branch

Model KYRIS NET R32 25

Model name	KYRIS NET R32 25
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	3.81
El input	0.77 kW
COP	4.94

EN 14511-2 | Cooling

	A35/A27
El input	0.54 kW
Cooling capacity	2.64
EER	4.90

EN 12102-1 | Cooling

Sound power level indoor	59 dB(A)
Sound power level outdoor	61 dB(A)

EN 14825 | Cooling

	Indoor dry(wet) bulb temperature 27(19)°C
Pdesignnc	2.70 kW
SEER	9.00
Pdc Tj = 35°C	2.71 kW
EER Tj = 35°C	5.01
Cdc Tj = 35 °C	0.250
Pdc Tj = 30°C	1.93 kW
EER Tj = 30°C	7.68

Cdc Tj = 30 °C	0.250
Pdc Tj = 25°C	1.38 kW
EER Tj = 25°C	10.67
Cdc Tj = 25 °C	0.250
Pdc Tj = 20°C	1.46 kW
EER Tj = 20°C	14.59
Cdc Tj = 20 °C	0.250
Poff	1 W
PTO	1 W
PSB	1 W
PCK	0 W
Annual energy consumption Qce	105 kWh

EN 14825 | Average Climate

	Indoor dry bulb temperature: 20°C
Pdesignh	2.90 kW
SCOP	5.10
Tbiv	-7 °C
TOL	-15 °C
Pdh Tj = -7°C	2.58 kW
COP Tj = -7°C	3.48
Cdh Tj = -7 °C	0.250
Pdh Tj = +2°C	1.64 kW
COP Tj = +2°C	5.11
Cdh Tj = +2 °C	0.250
Pdh Tj = +7°C	1.05 kW
COP Tj = +7°C	6.56
Cdh Tj = +7 °C	0.250
Pdh Tj = 12°C	1.23 kW
COP Tj = 12°C	7.51
Cdh Tj = +12 °C	0.250
Pdh Tj = Tbiv	2.58 kW
COP Tj = Tbiv	3.48
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	2.69 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.91
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.250
Poff	1 W
PTO	11 W
PSB	1 W
PCK	W
Backup Heater	0.16 kW
Annual energy consumption Qhe	796 kWh

Model KYRIS NET R32 35

Model name	KYRIS NET R32 35
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	3.81
El input	0.77 kW
COP	4.94

EN 14511-2 | Cooling

	A35/A27
El input	0.75 kW
Cooling capacity	3.52
EER	4.70

EN 12102-1 | Cooling

Sound power level indoor	59 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	9.20
Pdc Tj = 35°C	3.51 kW
EER Tj = 35°C	4.61
Cdc Tj = 35 °C	0.250
Pdc Tj = 30°C	2.55 kW
EER Tj = 30°C	7.10

Cdc Tj = 30 °C	0.250
Pdc Tj = 25°C	1.61 kW
EER Tj = 25°C	11.32
Cdc Tj = 25 °C	0.250
Pdc Tj = 20°C	1.54 kW
EER Tj = 20°C	15.20
Cdc Tj = 20 °C	0.250
Poff	1 W
PTO	10 W
PSB	1 W
PCK	0 W
Annual energy consumption Qce	133 kWh

EN 14825 | Average Climate

	Indoor dry bulb temperature: 20°C
Pdesignh	2.90 kW
SCOP	5.10
Tbiv	-7 °C
TOL	-15 °C
Pdh Tj = -7°C	2.58 kW
COP Tj = -7°C	3.48
Cdh Tj = -7 °C	0.250
Pdh Tj = +2°C	1.64 kW
COP Tj = +2°C	5.11
Cdh Tj = +2 °C	0.250
Pdh Tj = +7°C	1.05 kW
COP Tj = +7°C	6.56
Cdh Tj = +7 °C	0.250
Pdh Tj = 12°C	1.23 kW
COP Tj = 12°C	7.51
Cdh Tj = +12 °C	0.250
Pdh Tj = Tbiv	2.58 kW
COP Tj = Tbiv	3.48
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	2.69 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.91
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.250
Poff	1 W
PTO	10 W
PSB	W
PCK	1 W
Backup Heater	0.16 kW
Annual energy consumption Qhe	796 kWh