

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**

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

Pdesignc	Indoor dry(wet) bulb temperature 27(19)°C
SEER	3.50 kW
Pdc Tj = 35°C	9.20
EER Tj = 35°C	3.51 kW
Cdc Tj = 35 °C	4.61
Pdc Tj = 30°C	0.250
EER Tj = 30°C	2.55 kW
	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