

Subtype AUREA 5 R32

Certificate Holder	Groupe Atlantic
Address	44 boulevard des Etats-Unis
ZIP	85000
City	La Roche Sur Yon
Country	FR
Certification Body	RISE CERT
Subtype title	AUREA 5 R32
Registration number	012-C700073
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	0.8 kg
Certification Date	27.05.2020
Testing basis	HP Keymark Scheme Rules rev 7

Model AUREA 5 R32

Model name	AUREA 5 R32
Application	Heating (medium temp)
Units	Outdoor
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

Outdoor Air/Water EN 14511-4 | Heating

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	63 dB(A)	63 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	183 %	127 %
Prated	5.00 kW	5.00 kW
SCOP	4.64	3.26
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.10 kW	4.20 kW
COP Tj = -7°C	2.86	1.94
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	2.50 kW	2.50 kW
COP Tj = +2°C	4.86	3.41
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	1.60 kW	1.60 kW
COP Tj = +7°C	6.34	4.31
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	1.50 kW	1.20 kW
COP Tj = 12°C	8.15	5.27
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	4.10 kW	4.20 kW
COP Tj = Tbiv	2.86	1.94

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.80 kW	4.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.62	1.77
WTOL	55 °C	55 °C
Poff	17 W	17 W
PTO	105 W	105 W
PSB	11 W	11 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.80 kW	0.60 kW
Annual energy consumption Qhe	2046 kWh	2978 kWh