

Subtype HYBEA 11

Certificate Holder	Groupe Atlantic
Address	Rue des Fondateurs BP 64
ZIP	59660
City	Merville
Country	FR
Certification Body	RISE CERT
Subtype title	HYBEA 11
Registration number	012-C700416
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.47 kg
Certification Date	30.08.2025
Testing basis	EN 14511:2022, EN 14825:2022, EN 12102:2022
Testing laboratory	ACTA INDUSTRIE - Laboratoire Acoustique et Climatique

Model HYBEA 11 - 30

Model name	HYBEA 11 - 30
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 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	10.00 kW	10.00 kW
El input	2.05 kW	3.36 kW
COP	4.88	2.98

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	57 dB(A)	57 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	193 %	141 %
Prated	10.20 kW	9.90 kW
SCOP	4.89	3.59
Tbiv	-7 °C	-7 °C
TOL	-7 °C	-7 °C
Pdh Tj = -7°C	9.00 kW	8.80 kW
COP Tj = -7°C	3.14	2.25
Cdh Tj = -7 °C	0.990	1.000
Pdh Tj = +2°C	5.50 kW	5.30 kW
COP Tj = +2°C	5.22	3.62
Cdh Tj = +2 °C	0.980	0.990
Pdh Tj = +7°C	4.00 kW	3.70 kW
COP Tj = +7°C	7.07	5.09

Cdh Tj = +7 °C	0.970	0.980
Pdh Tj = 12°C	4.50 kW	4.40 kW
COP Tj = 12°C	8.89	6.93
Cdh Tj = +12 °C	0.970	0.970
Pdh Tj = Tbiv	9.00 kW	8.80 kW
COP Tj = Tbiv	3.14	2.25
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.00 kW	8.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.14	2.25
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	1.000
WTOL	60 °C	60 °C
Poff	8 W	8 W
PTO	17 W	16 W
PSB	12 W	12 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Gas	Gas
Supplementary Heater: PSUP	10.20 kW	9.90 kW
Annual energy consumption Qhe	4311 kWh	5697 kWh

Model HYBEA 11 DUO 25

Model name	HYBEA 11 DUO 25
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 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	10.00 kW	10.00 kW
El input	2.05 kW	3.36 kW
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