Subtype Atlantic Ixtra M 17 Tri

Certificate Holder	Groupe Atlantic
Address	Rue des Fondeurs BP 64
ZIP	59660
City	Merville
Country	FR
Certification Body	RISE CERT
Subtype title	Atlantic Ixtra M 17 Tri
Registration number	012-C700144
Heat Pump Type	Outdoor Air/Water
Refrigerant	R452B
Mass of Refrigerant	2.75 kg
Certification Date	14.10.2022
Testing basis	EN 14511:2018, EN 14825:2018, EN 12102:2017.
Testing laboratory	Centro de Ensayos, Innovación y Servicios (CEIS), ES

Model Atlantic Ixtra M 17 Tri	
Model name	Atlantic Ixtra M 17 Tri
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	3x400V 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	8.30 kW	16.80 kW
El input	2.02 kW	6.98 kW
COP	4.10	2.41

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	52 dB(A)	52 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	165 %	126 %
Prated	14.50 kW	15.40 kW
SCOP	4.19	3.23
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.80 kW	13.60 kW
COP Tj = -7°C	2.71	2.12
Cdh Tj = -7 °C	0.970	0.980
Pdh Tj = +2°C	7.80 kW	8.30 kW
COP Tj = +2°C	4.33	3.33
Cdh Tj = +2 °C	0.970	0.980
Pdh Tj = +7°C	8.60 kW	7.70 kW
COP Tj = +7°C	5.30	3.73

Cdh Tj = +7 °C	0.970	0.990
Pdh Tj = 12°C	9.80 kW	9.60 kW
COP Tj = 12°C	6.18	5.32
Cdh Tj = +12 °C	0.970	0.980
Pdh Tj = Tbiv	12.80 kW	13.60 kW
COP Tj = Tbiv	2.71	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.20 kW	12.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.59	1.91
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.970	0.980
WTOL	60 °C	60 °C
Poff	18 W	18 W
PTO	45 W	31 W
PSB	20 W	20 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.30 kW	2.90 kW
Annual energy consumption Qhe	7143 kWh	9864 kWh