

Subtype IXTRA M HT 15 TRI

Certificate Holder	Groupe Atlantic
Address	Rue des Fondateurs BP 64
ZIP	59660
City	Merville
Country	FR
Certification Body	RISE CERT
Subtype title	IXTRA M HT 15 TRI
Registration number	012-C700351
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	0.86 kg
Certification Date	26.09.2024
Testing basis	EN 14511:2022, EN 14825:2022, EN 16147:2017+A1:2022, EN 12102:2022

Model IXTRA M HT 15 TRI

Model name	IXTRA M HT 15 TRI
Application	Heating (medium temp)
Units	Indoor, 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	7.60 kW	6.70 kW
El input	1.61 kW	2.14 kW
COP	4.73	3.13

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	53 dB(A)	53 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	177 %	142 %
Prated	11.90 kW	12.60 kW
SCOP	4.49	3.63
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.50 kW	11.00 kW
COP Tj = -7°C	2.43	1.91
Cdh Tj = -7 °C	1.000	0.990
Pdh Tj = +2°C	6.40 kW	6.70 kW
COP Tj = +2°C	5.00	3.91
Cdh Tj = +2 °C	0.990	0.980
Pdh Tj = +7°C	7.40 kW	4.30 kW

COP Tj = +7°C	5.62	4.66
Cdh Tj = +7 °C	0.990	0.960
Pdh Tj = 12°C	8.40 kW	8.10 kW
COP Tj = 12°C	6.73	5.50
Cdh Tj = +12 °C	0.990	0.980
Pdh Tj = Tbiv	10.50 kW	11.00 kW
COP Tj = Tbiv	2.43	1.91
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.70 kW	10.70 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.44	1.76
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000	0.990
WTOL	70 °C	70 °C
Poff	15 W	15 W
PTO	35 W	35 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	3.20 kW	1.90 kW
Annual energy consumption Qhe	5471 kWh	7177 kWh

Model IXTRA M DUO HT 15 TRI

Model name	IXTRA M DUO HT 15 TRI
Application	Heating + DHW + low temp
Units	Indoor, 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 16147 | Average Climate

Declared load profile	L
Efficiency η_{DHW}	120 %
COP	3.00
Heating up time	0:55 h:min
Standby power input	30.0 W
Reference hot water temperature	54.0 °C
Mixed water at 40°C	245 l

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	7.60 kW	6.70 kW
El input	1.61 kW	2.14 kW
COP	4.73	3.13

EN 12102-1 | Average Climate

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Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	53 dB(A)	53 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	177 %	142 %
Prated	11.90 kW	12.60 kW

SCOP	4.49	3.63
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.50 kW	11.00 kW
COP Tj = -7°C	2.43	1.91
Cdh Tj = -7 °C	1.000	0.990
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COP Tj = +2°C	5.00	3.91
Cdh Tj = +2 °C	0.990	0.980
Pdh Tj = +7°C	7.40 kW	4.30 kW
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