

Subtype WAB 11-A-RME-A

Certificate Holder	Max Weishaupt GmbH
Address	Max-Weishaupt-Str. 14
ZIP	88477
City	Schwendi
Country	DE
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	WAB 11-A-RME-A
Registration number	011-1W0683
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	1.3 kg
Certification Date	05.10.2023
Testing basis	European KEYMARK Scheme for Heat Pumps Rev. 12 (as of 2023-03)

Model WAB 11-A-RME-A

Model name	WAB 11-A-RME-A
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
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	4.98 kW	4.38 kW
El input	1.02 kW	1.47 kW
COP	4.88	2.99

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	49 dB(A)	49 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	185 %	138 %
Prated	7.15 kW	6.80 kW
SCOP	4.70	3.52
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.85 kW	5.48 kW
COP Tj = -7°C	2.87	2.15
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	3.76 kW	3.81 kW
COP Tj = +2°C	4.56	3.45
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	2.43 kW	2.48 kW

COP Tj = +7°C	6.35	4.55
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	2.19 kW	2.09 kW
COP Tj = 12°C	8.15	6.18
Cdh Tj = +12 °C	1.000	0.980
Pdh Tj = Tbiv	5.85 kW	5.48 kW
COP Tj = Tbiv	2.87	2.15
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.31 kW	4.94 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.57	1.90
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000	1.000
WTOL	70 °C	70 °C
Poff	13 W	13 W
PTO	1 W	5 W
PSB	13 W	13 W
PCK	8 W	8 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.84 kW	1.86 kW
Annual energy consumption Qhe	3142 kWh	3996 kWh