CEN heat pump KEYMARK

Subtype WAB 14-A-RMD-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 14-A-RMD-A
Registration number	011-1W0860
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	1.8 kg
Certification Date	27.09.2024
Testing basis	European KEYMARK Scheme for Heat Pumps V.14 (as of 2024-04)

This information was generated by the HP KEYMARK database on 25.09.2025

CEN heat pump KEYMARK

Model WAB 14-A-RMD-A

Model name	WAB 14-A-RMD-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	3x230V 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	7.63 kW	6.87 kW
El input	1.49 kW	2.20 kW
COP	5.11	3.12

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	46 dB(A)	46 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	191 %	142 %
Prated	10.00 kW	9.60 kW
SCOP	4.86	3.62
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	8.74 kW	8.41 kW
COP Tj = -7°C	3.03	2.32
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	5.58 kW	5.42 kW
COP Tj = +2°C	4.78	3.53
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	3.60 kW	3.36 kW

This information was generated by the HP KEYMARK database on 25.09.2025

CEN heat pump KEYMARK

COP Tj = +7°C	6.27	4.79
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	3.36 kW	2.86 kW
COP Tj = 12°C	7.87	5.33
Cdh Tj = +12 °C	1.000	0.990
Pdh Tj = Tbiv	8.74 kW	8.41 kW
COP Tj = Tbiv	3.03	2.32
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.26 kW	7.53 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.80	2.05
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000	1.000
WTOL	70 °C	70 °C
Poff	15 W	15 W
PTO	5 W	5 W
PSB	15 W	15 W
PCK	15 W	15 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.74 kW	2.07 kW
Annual energy consumption Qhe	4252 kWh	5480 kWh

This information was generated by the HP KEYMARK database on 25.09.2025