Subtype MEVO 108 STD PRO MAGIS

Certificate Holder	GLOBAL SYSTEM INTEGRATION SRL G.S.I. SRL
Address	Via dell’Artigianato, 44
ZIP	31047
City	Ponte di Piave (TV)
Country	IT
Certification Body	ICIM S.p.A.
Subtype title	MEVO 108 STD PRO MAGIS
Registration number	ICIM-PDC-000332
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	0.78 kg
Certification Date	16.05.2025

Model MEVO STD 108M		
Model name	MEVO STD 108M	
Application	Heating (low temp)	
Units	Outdoor	
Climate zone (for heating)	Warmer Climate, Colder Climate	
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	6.24 kW	
El input	1.28 kW	
COP	4.90	

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	55 dB(A)	

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	178 %	
Prated	5.60 kW	
SCOP	4.52	
Tbiv	-7 °C	
TOL	-22 °C	
Pdh Tj = -7°C	4.56 kW	
COP Tj = -7°C	2.80	
Cdh Tj = -7 °C	1.000	
Pdh Tj = +2°C	4.88 kW	
COP Tj = +2°C	2.90	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	6.24 kW	

COP Tj = +7°C	4.90	
Cdh Tj = +7 °C	1.000	
Pdh Tj = 12°C	3.68 kW	
COP Tj = 12°C	7.60	
Cdh Tj = +12 °C	1.000	
Pdh Tj = Tbiv	4.56 kW	
COP Tj = Tbiv	2.80	
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.44 kW	
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.90	
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000	
WTOL	18 °C	
Poff	18 W	
PTO	18 W	
PSB	18 W	
PCK	0 W	
Supplementary Heater: Type of energy input	Electricity	
Supplementary Heater: PSUP	0.15 kW	
Annual energy consumption Qhe	2386 kWh	

EN 12102-1 | Colder Climate		
	Low temperature	Medium temperature
Sound power level outdoor	56 dB(A)	

EN 14825 | Colder Climate		
	Low temperature	Medium temperature
ηs	155 %	
Prated	4.80 kW	
SCOP	3.78	
Tbiv	-22 °C	
TOL	-28 °C	
Pdh Tj = -7°C	4.80 kW	
COP Tj = -7°C	2.84	
Cdh Tj = -7 °C	1.000	
Pdh Tj = +2°C	3.07 kW	
COP Tj = +2°C	4.10	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	3.47 kW	
COP Tj = +7°C	4.41	
Cdh Tj = +7 °C	1.000	
Pdh Tj = 12°C	1.00 kW	
COP Tj = 12°C	6.51	
Cdh Tj = +12 °C	1.000	
Pdh Tj = Tbiv	4.41 kW	

COP Tj = Tbiv	2.41
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.64 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.20
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000
WTOL	70 °C
Poff	18 W
PTO	18 W
PSB	18 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.15 kW
Annual energy consumption Qhe	2560 kWh
Pdh Tj = -15°C (if TOL	4.38
COP Tj = -15°C (if TOL	2.92
Cdh Tj = -15 °C	1.000

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	54 dB(A)	

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	203 %	
Prated	5.12 kW	
SCOP	5.67	
Tbiv	2 °C	
TOL	-5 °C	
Pdh Tj = +2°C	4.66 kW	
COP Tj = +2°C	5.58	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	6.23 kW	
COP Tj = +7°C	5.96	
Cdh Tj = +7 °C	1.000	
Pdh Tj = 12°C	4.02 kW	
COP Tj = 12°C	7.42	
Cdh Tj = +12 °C	1.000	
Pdh Tj = Tbiv	4.66 kW	
COP Tj = Tbiv	5.58	
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.66 kW	
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.58	

Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000
WTOL	70 °C
Poff	18 W
PTO	18 W
PSB	18 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.45 kW
Annual energy consumption Qhe	2133 kWh

Model MEVO PRO 108M		
Model name	MEVO PRO 108M	
Application	Heating (low temp)	
Units	Outdoor	
Climate zone (for heating)	Warmer Climate, Colder Climate	
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	6.55 kW	
El input	1.29 kW	
COP	5.30	
EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	55 dB(A)	
EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	192 %	
Prated	5.88 kW	
SCOP	4.88	
Tbiv	-7 °C	
TOL	-28 °C	
Pdh Tj = -7°C	4.78 kW	
COP Tj = -7°C	2.98	
Cdh Tj = -7 °C	1.000	
Pdh Tj = +2°C	5.12 kW	
COP Tj = +2°C	3.10	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	6.55 kW	

COP Tj = +7°C	5.30
Cdh Tj = +7 °C	1.000
Pdh Tj = 12°C	3.86 kW
COP Tj = 12°C	7.60
Cdh Tj = +12 °C	1.000
Pdh Tj = Tbiv	4.78 kW
COP Tj = Tbiv	2.98
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.78 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.98
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000
WTOL	75 °C
Poff	18 W
PTO	18 W
PSB	18 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	1.10 kW
Annual energy consumption Qhe	2340 kWh

EN 12102-1 | Colder Climate

	Low temperature	Medium temperature
Sound power level outdoor	56 dB(A)	

EN 14825 | Colder Climate

	Low temperature	Medium temperature
ηs	168 %	
Prated	5.04 kW	
SCOP	4.08	
Tbiv	-22 °C	
TOL	-28 °C	
Pdh Tj = -7°C	5.04 kW	
COP Tj = -7°C	3.06	
Cdh Tj = -7 °C	1.000	
Pdh Tj = +2°C	3.22 kW	
COP Tj = +2°C	4.42	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	3.64 kW	
COP Tj = +7°C	4.76	
Cdh Tj = +7 °C	1.000	
Pdh Tj = 12°C	4.20 kW	
COP Tj = 12°C	7.03	
Cdh Tj = +12 °C	1.000	
Pdh Tj = Tbiv	4.63 kW	

COP Tj = Tbiv	2.60
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.63 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.60
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000
WTOL	70 °C
Poff	18 W
PTO	18 W
PSB	18 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.40 kW
Annual energy consumption Qhe	2509 kWh
Pdh Tj = -15°C (if TOL	4.60
COP Tj = -15°C (if TOL	3.15
Cdh Tj = -15 °C	1.000

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	54 dB(A)	

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	220 %	
Prated	5.38 kW	
SCOP	6.12	
Tbiv	2 °C	
TOL	-5 °C	
Pdh Tj = +2°C	4.89 kW	
COP Tj = +2°C	5.80	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	6.54 kW	
COP Tj = +7°C	6.44	
Cdh Tj = +7 °C	1.000	
Pdh Tj = 12°C	4.22 kW	
COP Tj = 12°C	8.00	
Cdh Tj = +12 °C	1.000	
Pdh Tj = Tbiv	4.89 kW	
COP Tj = Tbiv	5.80	
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.89 kW	
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.80	

Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000
WTOL	70 °C
Poff	18 W
PTO	18 W
PSB	18 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.50 kW
Annual energy consumption Qhe	2090 kWh

Model MEVO MAGIS 108M		
Model name	MEVO MAGIS 108M	
Application	Heating (low temp)	
Units	Outdoor	
Climate zone (for heating)	Warmer Climate, Colder Climate	
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	6.55 kW	
El input	1.29 kW	
COP	5.30	

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	55 dB(A)	

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	192 %	
Prated	5.88 kW	
SCOP	4.88	
Tbiv	-7 °C	
TOL	-28 °C	
Pdh Tj = -7°C	4.78 kW	
COP Tj = -7°C	2.98	
Cdh Tj = -7 °C	1.000	
Pdh Tj = +2°C	5.12 kW	
COP Tj = +2°C	3.10	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	6.55 kW	

COP Tj = +7°C	5.30
Cdh Tj = +7 °C	1.000
Pdh Tj = 12°C	3.86 kW
COP Tj = 12°C	7.60
Cdh Tj = +12 °C	1.000
Pdh Tj = Tbiv	4.78 kW
COP Tj = Tbiv	2.98
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.78 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.98
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000
WTOL	75 °C
Poff	18 W
PTO	18 W
PSB	18 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	1.10 kW
Annual energy consumption Qhe	2340 kWh

EN 12102-1 | Colder Climate

	Low temperature	Medium temperature
Sound power level outdoor	56 dB(A)	

EN 14825 | Colder Climate

	Low temperature	Medium temperature
ηs	168 %	
Prated	5.04 kW	
SCOP	4.08	
Tbiv	-22 °C	
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Pdh Tj = -7°C	5.04 kW	
COP Tj = -7°C	3.06	
Cdh Tj = -7 °C	1.000	
Pdh Tj = +2°C	3.22 kW	
COP Tj = +2°C	4.42	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	3.64 kW	
COP Tj = +7°C	4.76	
Cdh Tj = +7 °C	1.000	
Pdh Tj = 12°C	4.20 kW	
COP Tj = 12°C	7.03	
Cdh Tj = +12 °C	1.000	
Pdh Tj = Tbiv	4.63 kW	

COP Tj = Tbiv	2.60
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.63 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.60
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000
WTOL	70 °C
Poff	18 W
PTO	18 W
PSB	18 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.40 kW
Annual energy consumption Qhe	2509 kWh
Pdh Tj = -15°C (if TOL	4.60
COP Tj = -15°C (if TOL	3.15
Cdh Tj = -15 °C	1.000

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	54 dB(A)	

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	220 %	
Prated	5.38 kW	
SCOP	6.12	
Tbiv	2 °C	
TOL	-5 °C	
Pdh Tj = +2°C	4.89 kW	
COP Tj = +2°C	5.80	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	6.54 kW	
COP Tj = +7°C	6.44	
Cdh Tj = +7 °C	1.000	
Pdh Tj = 12°C	4.22 kW	
COP Tj = 12°C	8.00	
Cdh Tj = +12 °C	1.000	
Pdh Tj = Tbiv	4.89 kW	
COP Tj = Tbiv	5.80	
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.89 kW	
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.80	

Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000
WTOL	70 °C
Poff	18 W
PTO	18 W
PSB	18 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.50 kW
Annual energy consumption Qhe	2090 kWh