

Subtype MEVO 112 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 112 STD PRO MAGIS
Registration number	ICIM-PDC-000333
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	1 kg
Certification Date	16.05.2025

**Model MEVO MAGIS 112T**

Model name	MEVO MAGIS 112T
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	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	7.80 kW	
El input	1.70 kW	
COP	4.40	

**EN 12102-1 | Average Climate**

	Low temperature	Medium temperature
Sound power level outdoor	57 dB(A)	

**EN 14825 | Average Climate**

	Low temperature	Medium temperature
$\eta_s$	148 %	
Prated	7.00 kW	
SCOP	3.77	
Tbiv	-7 °C	
TOL	-22 °C	
Pdh Tj = -7°C	5.70 kW	
COP Tj = -7°C	2.51	
Cdh Tj = -7 °C	1.000	
Pdh Tj = +2°C	6.10 kW	
COP Tj = +2°C	2.60	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	7.80 kW	

COP Tj = +7°C	4.44
Cdh Tj = +7 °C	1.000
Pdh Tj = 12°C	4.60 kW
COP Tj = 12°C	7.20
Cdh Tj = +12 °C	1.000
Pdh Tj = Tbiv	5.67 kW
COP Tj = Tbiv	2.51
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.44
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	0.20 kW
Annual energy consumption Qhe	13240 kWh

**EN 12102-1 | Colder Climate**

	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	

**EN 14825 | Colder Climate**

	Low temperature	Medium temperature
ηs	145 %	
Prated	6.00 kW	
SCOP	3.60	
Tbiv	-22 °C	
TOL	-28 °C	
Pdh Tj = -7°C	6.00 kW	
COP Tj = -7°C	2.70	
Cdh Tj = -7 °C	1.000	
Pdh Tj = +2°C	3.84 kW	
COP Tj = +2°C	3.90	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	4.34 kW	
COP Tj = +7°C	4.20	
Cdh Tj = +7 °C	1.000	
Pdh Tj = 12°C	5.00 kW	
COP Tj = 12°C	6.20	
Cdh Tj = +12 °C	1.000	
Pdh Tj = Tbiv	6.00 kW	

COP Tj = Tbiv	2.70
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.00
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	0.20 kW
Annual energy consumption Qhe	3200 kWh
Pdh Tj = -15°C (if TOL	5.47
COP Tj = -15°C (if TOL	2.78
Cdh Tj = -15 °C	1.000

**EN 12102-1 | Warmer Climate**

	Low temperature	Medium temperature
Sound power level outdoor	55 dB(A)	

**EN 14825 | Warmer Climate**

	Low temperature	Medium temperature
ηs	190 %	
Prated	6.40 kW	
SCOP	5.40	
Tbiv	2 °C	
TOL	-5 °C	
Pdh Tj = +2°C	5.82 kW	
COP Tj = +2°C	2.46	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	7.79 kW	
COP Tj = +7°C	5.68	
Cdh Tj = +7 °C	1.000	
Pdh Tj = 12°C	5.03 kW	
COP Tj = 12°C	7.07	
Cdh Tj = +12 °C	1.000	
Pdh Tj = Tbiv	5.82 kW	
COP Tj = Tbiv	2.46	
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.80 kW	
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.44	

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 0.00 kW

Annual energy consumption Qhe 2666 kWh

**Model MEVO STD 112T**

Model name	MEVO STD 112T
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	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	7.80 kW	
El input	1.70 kW	
COP	4.40	

**EN 12102-1 | Average Climate**

	Low temperature	Medium temperature
Sound power level outdoor	57 dB(A)	

**EN 14825 | Average Climate**

	Low temperature	Medium temperature
$\eta_s$	148 %	
Prated	7.00 kW	
SCOP	3.77	
Tbiv	-7 °C	
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Pdh Tj = -7°C	5.70 kW	
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COP Tj = +7°C	4.44
Cdh Tj = +7 °C	1.000
Pdh Tj = 12°C	4.60 kW
COP Tj = 12°C	7.20
Cdh Tj = +12 °C	1.000
Pdh Tj = Tbiv	5.67 kW
COP Tj = Tbiv	2.51
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.44
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	0.20 kW
Annual energy consumption Qhe	13240 kWh

**EN 12102-1 | Colder Climate**

	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	

**EN 14825 | Colder Climate**

	Low temperature	Medium temperature
ηs	145 %	
Prated	6.00 kW	
SCOP	3.60	
Tbiv	-22 °C	
TOL	-28 °C	
Pdh Tj = -7°C	6.00 kW	
COP Tj = -7°C	2.70	
Cdh Tj = -7 °C	1.000	
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COP Tj = 12°C	6.20	
Cdh Tj = +12 °C	1.000	
Pdh Tj = Tbiv	6.00 kW	

COP Tj = Tbiv	2.70
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW
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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	0.20 kW
Annual energy consumption Qhe	3200 kWh
Pdh Tj = -15°C (if TOL	5.47
COP Tj = -15°C (if TOL	2.78
Cdh Tj = -15 °C	1.000

**EN 12102-1 | Warmer Climate**

	Low temperature	Medium temperature
Sound power level outdoor	55 dB(A)	

**EN 14825 | Warmer Climate**

	Low temperature	Medium temperature
ηs	190 %	
Prated	6.40 kW	
SCOP	5.40	
Tbiv	2 °C	
TOL	-5 °C	
Pdh Tj = +2°C	5.82 kW	
COP Tj = +2°C	2.46	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	7.79 kW	
COP Tj = +7°C	5.68	
Cdh Tj = +7 °C	1.000	
Pdh Tj = 12°C	5.03 kW	
COP Tj = 12°C	7.07	
Cdh Tj = +12 °C	1.000	
Pdh Tj = Tbiv	5.82 kW	
COP Tj = Tbiv	2.46	
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.80 kW	
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.44	

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 0.00 kW

Annual energy consumption Qhe 2666 kWh

**Model MEVO PRO 112T**

Model name	MEVO PRO 112T
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	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	7.80 kW	
El input	1.70 kW	
COP	4.40	

**EN 12102-1 | Average Climate**

	Low temperature	Medium temperature
Sound power level outdoor	57 dB(A)	

**EN 14825 | Average Climate**

	Low temperature	Medium temperature
$\eta_s$	148 %	
Prated	7.00 kW	
SCOP	3.77	
Tbiv	-7 °C	
TOL	-22 °C	
Pdh Tj = -7°C	5.70 kW	
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Cdh Tj = -7 °C	1.000	
Pdh Tj = +2°C	6.10 kW	
COP Tj = +2°C	2.60	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	7.80 kW	

COP Tj = +7°C	4.44
Cdh Tj = +7 °C	1.000
Pdh Tj = 12°C	4.60 kW
COP Tj = 12°C	7.20
Cdh Tj = +12 °C	1.000
Pdh Tj = Tbiv	5.67 kW
COP Tj = Tbiv	2.51
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.44
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	0.20 kW
Annual energy consumption Qhe	13240 kWh

**EN 12102-1 | Colder Climate**

	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	

**EN 14825 | Colder Climate**

	Low temperature	Medium temperature
ηs	145 %	
Prated	6.00 kW	
SCOP	3.60	
Tbiv	-22 °C	
TOL	-28 °C	
Pdh Tj = -7°C	6.00 kW	
COP Tj = -7°C	2.70	
Cdh Tj = -7 °C	1.000	
Pdh Tj = +2°C	3.84 kW	
COP Tj = +2°C	3.90	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	4.34 kW	
COP Tj = +7°C	4.20	
Cdh Tj = +7 °C	1.000	
Pdh Tj = 12°C	5.00 kW	
COP Tj = 12°C	6.20	
Cdh Tj = +12 °C	1.000	
Pdh Tj = Tbiv	6.00 kW	

COP Tj = Tbiv	2.70
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.00
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	0.20 kW
Annual energy consumption Qhe	3200 kWh
Pdh Tj = -15°C (if TOL	5.47
COP Tj = -15°C (if TOL	2.78
Cdh Tj = -15 °C	1.000

**EN 12102-1 | Warmer Climate**

	Low temperature	Medium temperature
Sound power level outdoor	55 dB(A)	

**EN 14825 | Warmer Climate**

	Low temperature	Medium temperature
ηs	190 %	
Prated	6.40 kW	
SCOP	5.40	
Tbiv	2 °C	
TOL	-5 °C	
Pdh Tj = +2°C	5.82 kW	
COP Tj = +2°C	2.46	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	7.79 kW	
COP Tj = +7°C	5.68	
Cdh Tj = +7 °C	1.000	
Pdh Tj = 12°C	5.03 kW	
COP Tj = 12°C	7.07	
Cdh Tj = +12 °C	1.000	
Pdh Tj = Tbiv	5.82 kW	
COP Tj = Tbiv	2.46	
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.80 kW	
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.44	

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 0.00 kW

Annual energy consumption Qhe 2666 kWh

**Model MEVO MAGIS 112M**

Model name	MEVO MAGIS 112M
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	7.80 kW	
El input	1.70 kW	
COP	4.40	

**EN 12102-1 | Average Climate**

	Low temperature	Medium temperature
Sound power level outdoor	57 dB(A)	

**EN 14825 | Average Climate**

	Low temperature	Medium temperature
$\eta_s$	148 %	
Prated	7.00 kW	
SCOP	3.77	
Tbiv	-7 °C	
TOL	-22 °C	
Pdh Tj = -7°C	5.70 kW	
COP Tj = -7°C	2.51	
Cdh Tj = -7 °C	1.000	
Pdh Tj = +2°C	6.10 kW	
COP Tj = +2°C	2.60	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	7.80 kW	

COP Tj = +7°C	4.44
Cdh Tj = +7 °C	1.000
Pdh Tj = 12°C	4.60 kW
COP Tj = 12°C	7.20
Cdh Tj = +12 °C	1.000
Pdh Tj = Tbiv	5.67 kW
COP Tj = Tbiv	2.51
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.44
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	0.20 kW
Annual energy consumption Qhe	13240 kWh

**EN 12102-1 | Colder Climate**

	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	

**EN 14825 | Colder Climate**

	Low temperature	Medium temperature
ηs	145 %	
Prated	6.00 kW	
SCOP	3.60	
Tbiv	-22 °C	
TOL	-28 °C	
Pdh Tj = -7°C	6.00 kW	
COP Tj = -7°C	2.70	
Cdh Tj = -7 °C	1.000	
Pdh Tj = +2°C	3.84 kW	
COP Tj = +2°C	3.90	
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Pdh Tj = +7°C	4.34 kW	
COP Tj = +7°C	4.20	
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COP Tj = 12°C	6.20	
Cdh Tj = +12 °C	1.000	
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COP Tj = Tbiv	2.70
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.00
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	0.20 kW
Annual energy consumption Qhe	3200 kWh
Pdh Tj = -15°C (if TOL	5.47
COP Tj = -15°C (if TOL	2.78
Cdh Tj = -15 °C	1.000

**EN 12102-1 | Warmer Climate**

	Low temperature	Medium temperature
Sound power level outdoor	55 dB(A)	

**EN 14825 | Warmer Climate**

	Low temperature	Medium temperature
ηs	190 %	
Prated	6.40 kW	
SCOP	5.40	
Tbiv	2 °C	
TOL	-5 °C	
Pdh Tj = +2°C	5.82 kW	
COP Tj = +2°C	2.46	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	7.79 kW	
COP Tj = +7°C	5.68	
Cdh Tj = +7 °C	1.000	
Pdh Tj = 12°C	5.03 kW	
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Pdh Tj = Tbiv	5.82 kW	
COP Tj = Tbiv	2.46	
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.80 kW	
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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 0.00 kW

Annual energy consumption Qhe 2666 kWh

**Model MEVO PRO 112M**

Model name	MEVO PRO 112M
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	7.80 kW	
El input	1.70 kW	
COP	4.40	

**EN 12102-1 | Average Climate**

	Low temperature	Medium temperature
Sound power level outdoor	57 dB(A)	

**EN 14825 | Average Climate**

	Low temperature	Medium temperature
$\eta_s$	148 %	
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COP Tj = +2°C	2.60	
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COP Tj = +7°C	4.44
Cdh Tj = +7 °C	1.000
Pdh Tj = 12°C	4.60 kW
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Cdh Tj = +12 °C	1.000
Pdh Tj = Tbiv	5.67 kW
COP Tj = Tbiv	2.51
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.44
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	0.20 kW
Annual energy consumption Qhe	13240 kWh

**EN 12102-1 | Colder Climate**

	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	

**EN 14825 | Colder Climate**

	Low temperature	Medium temperature
ηs	145 %	
Prated	6.00 kW	
SCOP	3.60	
Tbiv	-22 °C	
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Pdh Tj = -7°C	6.00 kW	
COP Tj = -7°C	2.70	
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COP Tj = +7°C	4.20	
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Pdh Tj = 12°C	5.00 kW	
COP Tj = 12°C	6.20	
Cdh Tj = +12 °C	1.000	
Pdh Tj = Tbiv	6.00 kW	

COP Tj = Tbiv	2.70
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.00
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	0.20 kW
Annual energy consumption Qhe	3200 kWh
Pdh Tj = -15°C (if TOL	5.47
COP Tj = -15°C (if TOL	2.78
Cdh Tj = -15 °C	1.000

**EN 12102-1 | Warmer Climate**

	Low temperature	Medium temperature
Sound power level outdoor	55 dB(A)	

**EN 14825 | Warmer Climate**

	Low temperature	Medium temperature
ηs	190 %	
Prated	6.40 kW	
SCOP	5.40	
Tbiv	2 °C	
TOL	-5 °C	
Pdh Tj = +2°C	5.82 kW	
COP Tj = +2°C	2.46	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	7.79 kW	
COP Tj = +7°C	5.68	
Cdh Tj = +7 °C	1.000	
Pdh Tj = 12°C	5.03 kW	
COP Tj = 12°C	7.07	
Cdh Tj = +12 °C	1.000	
Pdh Tj = Tbiv	5.82 kW	
COP Tj = Tbiv	2.46	
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.80 kW	
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.44	

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 0.00 kW

Annual energy consumption Qhe 2666 kWh

**Model MEVO STD 112M**

Model name	MEVO STD 112M
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	7.80 kW	
El input	1.70 kW	
COP	4.40	

**EN 12102-1 | Average Climate**

	Low temperature	Medium temperature
Sound power level outdoor	57 dB(A)	

**EN 14825 | Average Climate**

	Low temperature	Medium temperature
$\eta_s$	148 %	
Prated	7.00 kW	
SCOP	3.77	
Tbiv	-7 °C	
TOL	-22 °C	
Pdh Tj = -7°C	5.70 kW	
COP Tj = -7°C	2.51	
Cdh Tj = -7 °C	1.000	
Pdh Tj = +2°C	6.10 kW	
COP Tj = +2°C	2.60	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	7.80 kW	

COP Tj = +7°C	4.44
Cdh Tj = +7 °C	1.000
Pdh Tj = 12°C	4.60 kW
COP Tj = 12°C	7.20
Cdh Tj = +12 °C	1.000
Pdh Tj = Tbiv	5.67 kW
COP Tj = Tbiv	2.51
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.44
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	0.20 kW
Annual energy consumption Qhe	13240 kWh

**EN 12102-1 | Colder Climate**

	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	

**EN 14825 | Colder Climate**

	Low temperature	Medium temperature
ηs	145 %	
Prated	6.00 kW	
SCOP	3.60	
Tbiv	-22 °C	
TOL	-28 °C	
Pdh Tj = -7°C	6.00 kW	
COP Tj = -7°C	2.70	
Cdh Tj = -7 °C	1.000	
Pdh Tj = +2°C	3.84 kW	
COP Tj = +2°C	3.90	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	4.34 kW	
COP Tj = +7°C	4.20	
Cdh Tj = +7 °C	1.000	
Pdh Tj = 12°C	5.00 kW	
COP Tj = 12°C	6.20	
Cdh Tj = +12 °C	1.000	
Pdh Tj = Tbiv	6.00 kW	

COP Tj = Tbiv	2.70
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.00
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	0.20 kW
Annual energy consumption Qhe	3200 kWh
Pdh Tj = -15°C (if TOL	5.47
COP Tj = -15°C (if TOL	2.78
Cdh Tj = -15 °C	1.000

**EN 12102-1 | Warmer Climate**

	Low temperature	Medium temperature
Sound power level outdoor	55 dB(A)	

**EN 14825 | Warmer Climate**

	Low temperature	Medium temperature
ηs	190 %	
Prated	6.40 kW	
SCOP	5.40	
Tbiv	2 °C	
TOL	-5 °C	
Pdh Tj = +2°C	5.82 kW	
COP Tj = +2°C	2.46	
Cdh Tj = +2 °C	1.000	
Pdh Tj = +7°C	7.79 kW	
COP Tj = +7°C	5.68	
Cdh Tj = +7 °C	1.000	
Pdh Tj = 12°C	5.03 kW	
COP Tj = 12°C	7.07	
Cdh Tj = +12 °C	1.000	
Pdh Tj = Tbiv	5.82 kW	
COP Tj = Tbiv	2.46	
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.80 kW	
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.44	

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 0.00 kW

Annual energy consumption Qhe 2666 kWh