

Subtype Air to water heat pump 15K

Certificate Holder	SOLARFOCUS GmbH
Address	Werkstrasse 1
ZIP	4451
City	St. Ulrich bei Steyr
Country	AT
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	Air to water heat pump 15K
Registration number	011-1W1079
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	1.75 kg
Certification Date	26.08.2025
Testing basis	HP KEYMARK certification scheme rules rev. 14
Testing laboratory	TÜV Rheinland (GuangDong) Ltd., CN

**Model Outdoor unit SOLARFOCUS vampair eco 15/3 and indoor unit SOLARFOCUS hydromodul L**

Model name	Outdoor unit SOLARFOCUS vampair eco 15/3 and indoor unit SOLARFOCUS hydromodul L
Application	Heating (medium temp)
Units	Indoor, 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	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	10.28 kW	13.98 kW
El input	1.97 kW	4.67 kW
COP	5.22	2.99

**EN 12102-1 | Average Climate**

	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

**EN 14825 | Average Climate**

	Low temperature	Medium temperature
$\eta_s$	211 %	158 %
Prated	13.14 kW	12.41 kW
SCOP	5.34	4.03
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.10 kW	10.64 kW
COP Tj = -7°C	3.39	2.54
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	7.27 kW	6.78 kW
COP Tj = +2°C	5.16	3.87

Cdh Tj = +2 °C	0.970	0.980
Pdh Tj = +7°C	5.38 kW	5.19 kW
COP Tj = +7°C	7.15	5.39
Cdh Tj = +7 °C	0.940	0.960
Pdh Tj = 12°C	6.29 kW	6.10 kW
COP Tj = 12°C	9.52	7.34
Cdh Tj = +12 °C	0.930	0.950
Pdh Tj = Tbiv	13.14 kW	12.41 kW
COP Tj = Tbiv	2.59	2.13
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	13.14 kW	12.41 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.59	2.13
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	55 °C	55 °C
Poff	20 W	20 W
PTO	43 W	43 W
PSB	20 W	20 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5082 kWh	6360 kWh

**Model Outdoor unit SOLARFOCUS vampair eco 15/3 and indoor unit SOLARFOCUS hydrotower easy L**

Model name	Outdoor unit SOLARFOCUS vampair eco 15/3 and indoor unit SOLARFOCUS hydrotower easy L
Application	Heating (medium temp)
Units	Indoor, 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	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	10.28 kW	13.98 kW
El input	1.97 kW	4.67 kW
COP	5.22	2.99

**EN 12102-1 | Average Climate**

	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
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**EN 14825 | Average Climate**

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PTO	43 W	43 W
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PCK	0 W	0 W
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Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5082 kWh	6360 kWh

**Model Outdoor unit SOLARFOCUS vampair eco 15/3 and indoor unit SOLARFOCUS hydrotower PVmax L**

Model name	Outdoor unit SOLARFOCUS vampair eco 15/3 and indoor unit SOLARFOCUS hydrotower PVmax L
Application	Heating (medium temp)
Units	Indoor, 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	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	10.28 kW	13.98 kW
El input	1.97 kW	4.67 kW
COP	5.22	2.99

**EN 12102-1 | Average Climate**

	Low temperature	Medium temperature
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