

Subtype Monoblock A2W Heat Pump 10kw

Certificate Holder	Foshan Shunde Zealux Electrical Appliances Co., Ltd.
Address	No.2-8, No.9 Road, Science and Technology zone, Xingtian Industrial Park, Xingtian Town, Shunde District, Foshan City
ZIP	528325
City	Guangdong
Country	CN
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	Monoblock A2W Heat Pump 10kw
Registration number	011-1W0649
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.5 kg
Certification Date	27.06.2023
Testing basis	European KEYMARK Scheme for Heat Pumps Rev. 14 (as of 2024-04)

**Model XAH10Csi32**

Model name	XAH10Csi32
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
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	10.10 kW	8.10 kW
EI input	2.30 kW	2.80 kW
COP	4.32	2.81

**EN 12102-1 | Average Climate**

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

**EN 14825 | Average Climate**

	Low temperature	Medium temperature
$\eta_s$	180 %	128 %
Prated	7.30 kW	7.70 kW
SCOP	4.58	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.47 kW	6.79 kW
COP Tj = -7°C	3.09	2.22
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	4.12 kW	4.48 kW
COP Tj = +2°C	4.50	3.21
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	2.79 kW	2.88 kW
COP Tj = +7°C	6.72	4.69

Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	2.41 kW	2.20 kW
COP Tj = 12°C	7.64	4.98
Cdh Tj = +12 °C	0.990	0.990
Pdh Tj = Tbiv	6.47 kW	6.79 kW
COP Tj = Tbiv	3.09	2.22
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.21 kW	5.86 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.75	1.88
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000	1.000
WTOL	60 °C	60 °C
Poff	5 W	5 W
PTO	4 W	4 W
PSB	5 W	5 W
PCK	33 W	33 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.10 kW	1.80 kW
Annual energy consumption Qhe	3296 kWh	4825 kWh

**Model ALSAVO HEAT 10i**

Model name	ALSAVO HEAT 10i
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
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**

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Heat output	10.10 kW	8.10 kW
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Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.21 kW	5.86 kW
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