

Subtype Monoblock EVI A2W Heat Pump 10kw

Certificate Holder	Foshan Shunde Zealux Electrical Appliances Co., Ltd.
Address	No.2-8, No.9 Road, Science and Technology zone, Xingtan Industrial Park, Xingtan Town, Shunde District, Foshan City
ZIP	528325
City	Guangdong
Country	CN
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	Monoblock EVI A2W Heat Pump 10kw
Registration number	011-1W0793
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.5 kg
Certification Date	31.05.2024
Testing basis	HP KEYMARK certification scheme rules V14

Model XAH10Csiu32

Model name	XAH10Csiu32
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Colder
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	9.99 kW	9.73 kW
El input	2.26 kW	3.59 kW
COP	4.40	2.70

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
η_s	184 %	130 %
Prated	7.45 kW	7.28 kW
SCOP	4.68	3.36
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.52 kW	6.30 kW
COP Tj = -7°C	3.01	2.04
Cdh Tj = -7 °C	0.970	0.980
Pdh Tj = +2°C	4.08 kW	4.01 kW
COP Tj = +2°C	4.91	3.39
Cdh Tj = +2 °C	0.930	0.950
Pdh Tj = +7°C	4.42 kW	4.18 kW
COP Tj = +7°C	6.74	4.80

Cdh Tj = +7 °C	0.920	0.940
Pdh Tj = 12°C	5.25 kW	5.05 kW
COP Tj = 12°C	9.59	7.16
Cdh Tj = +12 °C	0.900	0.920
Pdh Tj = Tbiv	7.45 kW	7.28 kW
COP Tj = Tbiv	2.75	1.78
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.45 kW	7.28 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.75	1.78
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.980	0.990
WTOL	60 °C	60 °C
Poff	4 W	4 W
PTO	55 W	55 W
PSB	4 W	4 W
PCK	38 W	38 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3293 kWh	4517 kWh

EN 12102-1 | Colder Climate

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

EN 14825 | Colder Climate

	Low temperature	Medium temperature
ηs	163 %	117 %
Prated	9.59 kW	8.52 kW
SCOP	4.15	3.00
Tbiv	-15 °C	-15 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	5.73 kW	5.10 kW
COP Tj = -7°C	3.37	2.52
Cdh Tj = -7 °C	0.970	0.970
Pdh Tj = +2°C	3.92 kW	3.59 kW
COP Tj = +2°C	5.26	3.70
Cdh Tj = +2 °C	0.930	0.940
Pdh Tj = +7°C	4.48 kW	4.31 kW
COP Tj = +7°C	7.31	5.50
Cdh Tj = +7 °C	0.910	0.930
Pdh Tj = 12°C	5.25 kW	4.75 kW
COP Tj = 12°C	9.59	7.00
Cdh Tj = +12 °C	0.900	0.920
Pdh Tj = Tbiv	7.82 kW	6.94 kW
COP Tj = Tbiv	2.64	1.82

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.59 kW	4.66 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.26	1.16
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.980	0.990
WTOL	60 °C	60 °C
Poff	4 W	5 W
PTO	55 W	66 W
PSB	4 W	5 W
PCK	38 W	48 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	3.00 kW	3.86 kW
Annual energy consumption Qhe	5697 kWh	7001 kWh
Pdh Tj = -15°C (if TOL	7.82	6.94
COP Tj = -15°C (if TOL	2.64	1.82
Cdh Tj = -15 °C	0.980	0.990

Model ALSAVO HEAT 10iu

Model name	ALSAVO HEAT 10iu
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Colder
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

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Off-peak product	n/a

Outdoor Air/Water

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