

Subtype Monoblock EVI A2W Heat Pump 19kw three_phase

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 19kw three_phase
Registration number	011-1W0781
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	3 kg
Certification Date	19.04.2024
Testing basis	HP KEYMARK certification scheme rules V14

Model XAH19Csiu32T

Model name	XAH19Csiu32T
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	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	19.20 kW	18.70 kW
El input	4.20 kW	7.00 kW
COP	4.60	2.60

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	69 dB(A)	69 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	184 %	131 %
Prated	15.24 kW	14.58 kW
SCOP	4.68	3.36
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	13.24 kW	13.15 kW
COP Tj = -7°C	2.99	2.11
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	8.75 kW	8.00 kW
COP Tj = +2°C	4.70	3.26
Cdh Tj = +2 °C	0.990	1.000
Pdh Tj = +7°C	7.91 kW	7.79 kW
COP Tj = +7°C	6.35	4.73

Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	8.03 kW	7.86 kW
COP Tj = 12°C	7.08	5.68
Cdh Tj = +12 °C	0.990	0.990
Pdh Tj = Tbiv	15.24 kW	14.58 kW
COP Tj = Tbiv	2.82	1.86
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	15.24 kW	14.58 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.82	1.86
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000	1.000
WTOL	60 °C	60 °C
Poff	11 W	11 W
PTO	11 W	11 W
PSB	11 W	11 W
PCK	36 W	36 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	6732 kWh	8963 kWh

EN 12102-1 | Colder Climate

	Low temperature	Medium temperature
Sound power level outdoor	69 dB(A)	69 dB(A)

EN 14825 | Colder Climate

	Low temperature	Medium temperature
ηs	160 %	124 %
Prated	18.35 kW	17.77 kW
SCOP	4.07	3.17
Tbiv	-15 °C	-15 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	10.61 kW	11.15 kW
COP Tj = -7°C	3.38	2.66
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	6.96 kW	6.94 kW
COP Tj = +2°C	4.72	3.68
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = +7°C	8.08 kW	7.73 kW
COP Tj = +7°C	6.96	5.33
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	8.03 kW	9.23 kW
COP Tj = 12°C	7.08	7.40
Cdh Tj = +12 °C	0.990	0.990
Pdh Tj = Tbiv	14.97 kW	14.50 kW
COP Tj = Tbiv	2.93	2.06

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.72 kW	10.76 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.24	1.36
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000	1.000
WTOL	60 °C	60 °C
Poff	11 W	11 W
PTO	11 W	11 W
PSB	11 W	11 W
PCK	36 W	36 W
Supplementary Heater: Type of energy input	Electricity	n/a
Supplementary Heater: PSUP	6.63 kW	7.01 kW
Annual energy consumption Qhe	11114 kWh	13832 kWh
Pdh Tj = -15°C (if TOL	14.96	14.49
COP Tj = -15°C (if TOL	2.93	2.06
Cdh Tj = -15 °C	1.000	1.000

Model ALSAVO HEAT 19iuT

Model name	ALSAVO HEAT 19iuT
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	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	19.20 kW	18.70 kW
El input	4.20 kW	7.00 kW
COP	4.60	2.60

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	69 dB(A)	69 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	184 %	131 %
Prated	15.24 kW	14.58 kW
SCOP	4.68	3.36
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	13.24 kW	13.15 kW
COP Tj = -7°C	2.99	2.11
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	8.75 kW	8.00 kW
COP Tj = +2°C	4.70	3.26
Cdh Tj = +2 °C	0.990	1.000
Pdh Tj = +7°C	7.91 kW	7.79 kW
COP Tj = +7°C	6.35	4.73

Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	8.03 kW	7.86 kW
COP Tj = 12°C	7.08	5.68
Cdh Tj = +12 °C	0.990	0.990
Pdh Tj = Tbiv	15.24 kW	14.58 kW
COP Tj = Tbiv	2.82	1.86
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	15.24 kW	14.58 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.82	1.86
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000	1.000
WTOL	60 °C	60 °C
Poff	11 W	11 W
PTO	11 W	11 W
PSB	11 W	11 W
PCK	36 W	36 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	6732 kWh	8963 kWh

EN 12102-1 | Colder Climate

	Low temperature	Medium temperature
Sound power level outdoor	69 dB(A)	69 dB(A)

EN 14825 | Colder Climate

	Low temperature	Medium temperature
ηs	160 %	124 %
Prated	18.35 kW	17.77 kW
SCOP	4.07	3.17
Tbiv	-15 °C	-15 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	10.61 kW	11.15 kW
COP Tj = -7°C	3.38	2.66
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	6.96 kW	6.94 kW
COP Tj = +2°C	4.72	3.68
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = +7°C	8.08 kW	7.73 kW
COP Tj = +7°C	6.96	5.33
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	8.03 kW	9.23 kW
COP Tj = 12°C	7.08	7.40
Cdh Tj = +12 °C	0.990	0.990
Pdh Tj = Tbiv	14.97 kW	14.50 kW
COP Tj = Tbiv	2.93	2.06

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.72 kW	10.76 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.24	1.36
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000	1.000
WTOL	60 °C	60 °C
Poff	11 W	11 W
PTO	11 W	11 W
PSB	11 W	11 W
PCK	36 W	36 W
Supplementary Heater: Type of energy input	Electricity	n/a
Supplementary Heater: PSUP	6.63 kW	7.01 kW
Annual energy consumption Qhe	11114 kWh	13832 kWh
Pdh Tj = -15°C (if TOL	14.96	14.49
COP Tj = -15°C (if TOL	2.93	2.06
Cdh Tj = -15 °C	1.000	1.000