

Subtype Monoblock A2W Heat Pump 16kw R290 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 A2W Heat Pump 16kw R290 three_phase
Registration number	011-1W0926
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	1.3 kg
Certification Date	22.11.2024
Testing basis	HP KEYMARK certification scheme rules rev. 14

Model XAH16Csi9T

Model name	XAH16Csi9T
Application	Heating (medium temp)
Units	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	16.18 kW	16.27 kW
El input	3.40 kW	5.10 kW
COP	4.70	3.20

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	61 dB(A)	61 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	175 %	136 %
Prated	12.20 kW	12.66 kW
SCOP	4.46	3.49
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.77 kW	11.33 kW
COP Tj = -7°C	3.30	2.46
Cdh Tj = -7 °C	0.950	0.960
Pdh Tj = +2°C	6.50 kW	6.87 kW
COP Tj = +2°C	4.32	3.60
Cdh Tj = +2 °C	0.900	0.910
Pdh Tj = +7°C	7.61 kW	6.41 kW

COP Tj = +7°C	5.88	3.90
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	9.11 kW	9.04 kW
COP Tj = 12°C	7.87	6.92
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	12.20 kW	12.65 kW
COP Tj = Tbiv	2.94	2.15
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.20 kW	12.65 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.94	2.15
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.960	0.970
WTOL	75 °C	75 °C
Poff	6 W	6 W
PTO	6 W	6 W
PSB	6 W	6 W
PCK	58 W	58 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	5654 kWh	7502 kWh

Model ALSAVO HEAT 16i9T

Model name	ALSAVO HEAT 16i9T
Application	Heating (medium temp)
Units	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

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