

Subtype Monoblock A2W Heat Pump 16kw R290 three\_phase

Certificate Holder	Foshan Shunde Zealux Electrical Appliances Co., Ltd.
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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
$\eta_s$	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

**EN 14511-2 | Heating**

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