

Subtype Split Type EVI DC Inverter Air to Water Heat Pump- R32- 35

Certificate Holder	AOKOL Environment Technology Co., Ltd.
Address	No 1, building 1, No.550, Kangzhuang South Road, Zhuangqiao Street, Jiangbei District, Ningbo City, Zhejiang Province,
ZIP	
City	
Country	CN
Certification Body	BRE Global Limited
Subtype title	Split Type EVI DC Inverter Air to Water Heat Pump- R32- 35
Registration number	041-K081-01
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.5 kg
Certification Date	12.01.2024
Testing basis	Heat Pump KEYMARK certification Scheme rules v13

Model ASH-35CHW/FR		
Model name	ASH-35CHW/FR	
Application	Heating (medium temp)	
Units	Indoor, 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	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	10.82 kW	10.91 kW
El input	2.61 kW	3.92 kW
COP	4.14	2.79
EN 12102-1 Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	42 dB(A)
Sound power level outdoor	67 dB(A)	68 dB(A)
EN 14825 Average Climate		
	Low temperature	Medium temperature
ηs	176 %	130 %
Prated	10.25 kW	8.91 kW
SCOP	4.47	3.31
Tbiv	-7 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	9.07 kW	7.89 kW
COP Tj = -7°C	2.83	2.13
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	5.67 kW	4.86 kW
COP Tj = +2°C	4.64	3.25
Cdh Tj = +2 °C	0.900	0.900

Pdh Tj = +7°C	3.80 kW	3.11 kW
COP Tj = +7°C	5.25	4.14
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	3.88 kW	3.28 kW
COP Tj = 12°C	8.25	6.52
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	9.07 kW	7.89 kW
COP Tj = Tbiv	2.83	2.13
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.74 kW	6.83 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.77	1.89
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	60 °C	60 °C
Poff	10 W	10 W
PTO	36 W	36 W
PSB	10 W	10 W
PCK	50 W	50 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	3.51 kW	2.09 kW
Annual energy consumption Qhe	4732 kWh	5555 kWh