

Subtype EVR3010

Certificate Holder	Foshan City Shunde Yuelly Energy-Saving Equipment Co., Ltd
Address	C Zone No. 3 Zhanye Rd Honggang Industry Daliang Shunde Foshan City
ZIP	
City	Guangdong
Country	CN
Certification Body	BRE Global Limited
Subtype title	EVR3010
Registration number	041-K079-02
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.05 kg
Certification Date	05.12.2023
Testing basis	Heat Pump Keymark Scheme Rules Rev 12
Testing laboratory	SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch, CN

Model EVR3010

Model name	EVR3010
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	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	10.00 kW	10.00 kW
El input	2.08 kW	3.33 kW
COP	4.80	3.00

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	65 dB(A)	65 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	181 %	128 %
Prated	9.28 kW	9.09 kW
SCOP	4.60	3.28
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	8.21 kW	8.04 kW
COP Tj = -7°C	3.06	2.41
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	4.97 kW	5.07 kW
COP Tj = +2°C	4.69	3.21
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	4.21 kW	3.86 kW

COP Tj = +7°C	5.59	4.01
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	4.79 kW	4.75 kW
COP Tj = 12°C	8.07	5.53
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	8.21 kW	8.04 kW
COP Tj = Tbiv	3.06	2.41
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.67 kW	8.38 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.90	2.06
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	10 W	10 W
PSB	10 W	10 W
PCK	40 W	40 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.61 kW	0.70 kW
Annual energy consumption Qhe	4174 kWh	5719 kWh