

Subtype EDM9008

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	EDM9008
Registration number	041-K079-01
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	0.85 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 EDM9008

Model name	EDM9008
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	8.20 kW	8.00 kW
El input	1.67 kW	2.58 kW
COP	4.90	3.10

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	185 %	140 %
Prated	7.31 kW	7.35 kW
SCOP	4.70	3.58
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.47 kW	6.50 kW
COP Tj = -7°C	3.19	2.34
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	4.01 kW	3.94 kW
COP Tj = +2°C	4.81	3.63
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	3.13 kW	3.80 kW

COP Tj = +7°C	5.76	4.39
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	3.49 kW	3.40 kW
COP Tj = 12°C	6.85	6.77
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	6.47 kW	6.50 kW
COP Tj = Tbiv	3.19	2.34
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.29 kW	7.35 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.84	2.01
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	10 W	10 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	41 W	41 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.02 kW	0.00 kW
Annual energy consumption Qhe	3215 kWh	4241 kWh