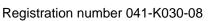


ertificate Holder	GZ Dotels Electric Appliances Co., Ltd.
ddress	No.B23, Huachuang Animation Industrial Park
)	
У	Guangzhou
ıntry	CN
ification Body	BRE Global Limited
type title	DC Inverter Heat Pump 140
stration number	041-K030-08
Pump Type	Outdoor Air/Water
igerant	R32
ss of Refrigerant	2.1 kg
ification Date	10.01.2023
ing basis	Heat Pump Keymark Scheme Rules Rev 11



Model KS-140W/EN8BP		
Model name	KS-140W/EN8BP	
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	•	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	
EN 12102-1   Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	63 dB(A)	65 dB(A)
EN 14825   Average Climate		
	Low temperature	Medium temperature
ης	177 %	125 %
Prated	13.54 kW	13.34 kW
SCOP	4.50	3.21
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = $-7$ °C	11.98 kW	11.80 kW
$COP Tj = -7^{\circ}C$	2.56	2.05
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = $+2$ °C	7.30 kW	7.53 kW
$COP Tj = +2^{\circ}C$	4.54	3.08
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = $+7^{\circ}$ C	5.19 kW	4.73 kW
$COP Tj = +7^{\circ}C$	5.77	4.10
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	5.30 kW	5.53 kW
COP Tj = 12°C	7.86	5.93
Cdh Tj = +12 °C	0.000	0.990
	0.990	0.990
Pdh Tj = Tbiv	11.98 kW	11.80 kW





Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.06 kW	11.85 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.38	1.71
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	65 °C	65 °C
Poff	7 W	7 W
PTO	20 W	20 W
PSB	7 W	7 W
PCK	28 W	28 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.48 kW	1.49 kW
Annual energy consumption Qhe	6220 kWh	8584 kWh