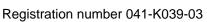


ertificate Holder	Lailey and Coates International Limited
ddress	No.128 ShaGangWest Road
IP	528477
ity	GuangDong
ountry	CN
ertification Body	BRE Global Limited
ubtype title	Inverter Heat Pump-Mono System 150
egistration number	041-K039-03
eat Pump Type	Outdoor Air/Water
efrigerant	R32
ass of Refrigerant	2.1 kg
ertification Date	18.11.2022
esting basis	Heat Pump Keymark Scheme Rules Rev 11



Model Outdoor Unit: LCM-150R; Indoor Unit	:: LCM-R		
Model name	Outdoor Unit: LCM-150R; Inc	door Unit: LCM-R	
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 12102-1 Average Climate			
	Low temperature	Medium temperature	
Sound power level outdoor	66 dB(A)	68 dB(A)	
EN 14825 Average Climate			
LIV 14025 Average climate	I avv ta na na nativna	Madisus kanan anaksus	
nc	Low temperature 181 %	Medium temperature 134 %	
ηs Prated	9.25 kW	8.79 kW	
SCOP	4.60	3.41	
Tbiv	-7 °C	-7 °C	
TOL	-10 °C	-7 C	
Pdh Tj = -7°C	8.18 kW	7.78 kW	
COP Tj = -7° C	2.75	1.99	
Cdh Tj = -7 °C	0.900	0.900	
Pdh Tj = $+2^{\circ}$ C	5.30 kW	4.75 kW	
COP Tj = +2°C	4.33	3.21	
Cdh Tj = +2 °C	0.900	0.900	
Pdh Tj = +7°C	5.71 kW	5.46 kW	
$COP Tj = +7^{\circ}C$	6.56	4.92	
Cdh Tj = +7 °C	0.990	0.990	
Pdh Tj = 12° C	6.41 kW	6.46 kW	
COP Tj = 12°C	8.63	7.08	
Cdh Tj = +12 °C	0.990	0.990	
Pdh Tj = Tbiv	8.18 kW	7.78 kW	
COP Tj = Tbiv	2.75	1.99	





Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.29 kW	6.81 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.55	1.61
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	60 °C	60 °C
Poff	12 W	12 W
PTO	12 W	12 W
PSB	12 W	12 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.96 kW	1.98 kW
Annual energy consumption Qhe	4154 kWh	5320 kWh