

Model No.		SIEH0050SDL/SO1H0050SDL	
Type	heating pump		
Control type	remote controller		
Declared cooling capacity	W	5130(1250-5920)	
Declared heating capacity	W	5230(1350-6280)	
SEER declared	W/W	6.3	
COP declared (2 )	W/W	3.58	
SCOP Average declared	W/W	4.1	
SCOP Warmer declared	W/W	4.7	
Declare capacity(2℃)	W	4700	
Back up heating capacity(2℃)	W	0	
SCOP Colder declared	W/W	3.6	
Declare capacity(-22℃)	W	3200	
Back up heating capacity(-22℃)	W	500	
Annual energy consumption	Cooling	kwh/a	283
	Average	kwh/a	1575
	Warmer	kwh/a	1400
	Colder	kwh/a	2158
Moisture removal	Liters/h	1.5	
Indoor sound power(H/M/L/Mute)	dB(A)	53/48/43/37	
Outdoor sound power	dB(A)	65	
Indoor sound	dB(A)	43/40/35/27	
Outdoor sound pressure	dB(A)	55	
<b>Electrical Data</b>			
Power supply	220-240V~50Hz/1P		
Voltage Range	V	165-265	
Operating current	Cooling	A	7.2(1.7-10.8)
	Heating	A	7.3(1.7-12.0)
Power consumption	Cooling	W	1530(330-2250)
	Heating	W	1550(340-2350)
<b>Refrigerating System</b>			
Refrigerant type/Charge/GWP/CO2 equivalent	R32/0.92kg/675/0.621tonnes		
Compressor	Type	Rotary	
	Model	C-6RZ146H3BAF	
	MFG	SANYO	
Indoor air circulation	m <sup>3</sup> /h	800/800	
Indoor fan type	Cross Flow		
Indoor fan model	210900495E		
Indoor fan speed	Cooling	rpm	1200/1050/900/750
	Heating	rpm	1200/1050/900/750
H/M/L/Mute	Dry	rpm	900
	Sleep	rpm	900/900
Indoor fan motor output	W	25	
Outdoor fan type	Propeller fan		
Outdoor brand / fan model	GZSDJ-33(DC)		
Outdoor fan speed	rpm	860/760/650	
Outdoor fan motor output	W	40	
<b>Connections</b>			
Evaporator (dimensions/Øpipe/rows)	/		
Condensor (dimensions/Øpipe/rows)	/		
Connecting Wiring	Core x Size	4×1.5mm <sup>2</sup>	
Expansion device	Electronic expansion valve		
Connecting Pipe	Gas	Inches	3/8"
	Liquid	Inches	1/4"
<b>Others</b>			
Application area	m <sup>2</sup>	20~35	
Max. refrigerant pipe length	m	25	
Max. difference in level	m	10	
Operation temperature range	℃	16-31	
Ambient temperature range	Outdoor	℃	Cooling:0-53/Heating:-20-30 Cooling:-15-50/Heating:-20-30
	Indoor	℃	Cooling:-17-32/Heating:0-30
Net dimensions	Indoor	mm	910×292×205
(W x H x D)	Outdoor	mm	780×602×347
Net weight	Indoor	kg	10
	Outdoor	kg	36
Packing dimensions	Indoor	mm	979×372×277
	Outdoor	mm	890×628×385
(W x H x D) w/o pipe	Outdoor	mm	890×628×385
w/i pipe	Outdoor	mm	890×628×385
Gross weight	Indoor	kg	13
	Outdoor	kg	40(w/o pipe) 41(w/i pipe)
Loading Capacity w/o pipe	20'/40'GQ/40'HQ	82/180/212	
Loading Capacity w/i pipe	20'/40'GQ/40'HQ	82/180/212	
Anti-Cold Air	yes		
Low temperature heating(-20℃)	yes		
Independent dehumidification	yes		
Display on/off	yes		
Auto Mode	yes		
6-fan speed(Turbo/High/Middle/Low/Mute/Auto)	yes		
Smart Air flow	yes		
Rapid cooling	yes		
Rapid heating	yes		
Comfortable cooling	yes		
Dual Drainage	yes		
Easy-washable filter	yes		
Louver position Memory	yes		
Auto restart	yes		
Wide voltage range ( 165V~265V ) start-up	yes		
Intelligent defrost	yes		
Emergency button	yes		
Rust proof	yes		
Self-diagnosis	yes		
Timer mode	yes		
Sleep mode	yes		
AI inverter algorithm	yes		
Hidden display	yes		
Refrigerant leak detection	yes		