

Model No.		SIEH0025SDO / SO1H0025SDO		SIEH0035SDO / SO1H0035SDO		SIEH0050SDO / SO1H0050SDO		SIEH0070SDO / SO1H0070SDO	
Type		heating pump		heating pump		heating pump		heating pump	
Control type		remote controller		remote controller		remote controller		remote controller	
Declared cooling capacity		W	2600(940~3300)	3400(1000~3770)	5100(1250-5900)	6840(1830~7820)			
Declared heating capacity		W	2630(940~3360)	3430(1000~3810)	5130(1250-6080)	7050(1850~7960)			
Pdesignc		W	2600	3400	5100	6800			
SEER declared		W/W	6.3	6.1	6.1	6.5			
Energy Class			A++	A++	A++	A++			
Pdesignh Average		W	2100	2400	3800	5700			
SCOP Average declared		W/W	4.1	4.1	4.1	4.1			
Energy Class(Average)			A+	A+	A+	A+			
Declare capacity(-10℃)		W	2000	2200	3600	5300			
Back up heating capacity(-10℃)		W	100	200	200	400			
Annual energy consumption		Cooling	kwh/a	144	195	293	366		
		Average	kwh/a	717	820	1330	1995		
Moisture removal		Liters/h	1	1.2	1.5	1.8			
Indoor sound power(S/H/M/L/Mute)		dB(A)	51/47/43/35/32	51/47/43/35/32	54/50/47/43/36	58/52/48/44/41			
Outdoor sound power		dB(A)	60	60	65	68			
Indoor sound pressure(S/H/M/L/Mute)		dB(A)	41/37/33/25/22	41/37/33/25/22	43/41/38/35/27	47/42/38/34/31			
Outdoor sound pressure		dB(A)	50	50	55	57			
Electrical Data									
Power supply		220-240V~50Hz/1P		220-240V~50Hz/1P		220-240V~50Hz/1P		220-240V~50Hz/1P	
Power supply side		Outdoor		Outdoor		Outdoor		Outdoor	
Voltage Range		V	165~265	165~265	165~265	165~265			
Operating current		Cooling	A	4.7(1.2~8.0)	5.1(1.5~9.0)	8.2(1.7~12.0)	9.8(2.3~13.0)		
		Heating	A	4.2(1.2~9.0)	4.7(1.5~10.0)	7.2(1.7~13.0)	8.6(2.3~14.0)		
Power consumption		Cooling	W	802(240~1380)	1049(290~1500)	1574(330-2350)	2099(410~2800)		
		Heating	W	706(240~1550)	922(290~1730)	1382(340-2550)	1900(420~3000)		
Refrigerating System									
Refrigerant type/Charge/GWP/CO2 equivalent		R32/0.57kg/675/0.385tonnes		R32/0.57kg/675/0.385tonnes		R32/1.00kg/675/0.675tonnes		R32/1.11kg/675/0.750tonnes	
Compressor		Type	Rotary		Rotary		Rotary		Rotary
		Model	KSK103D33UEZC3		KSK103D33UEZC3		C-6RZ146H3DBF		C-6RZ146H3BAF
		MFG	GMCC		GMCC		SANYO		SANYO
Indoor air circulation		Cooling/heating	m³/h	560/560	560/560	820/820	1100/1100		
Indoor fan type		Cross Flow		Cross Flow		Cross Flow		Cross Flow	
Indoor fan speed Super/High/Mid-High/Middle/Low-Mid/Low/Mute		Cooling	rpm	1250/1100/1050/1000/950/900/850	1250/1100/1050/1000/950/900/850	1360/1230/1120/1030/950/870/800	1220/1130/1060/990/920/850/750		
		Heating	rpm	1150/1080/980/920/860/800/700	1150/1080/980/920/860/800/700	1360/1230/1120/1030/950/870/800	1220/1130/1070/1000/940/880/800		
		Dry	rpm	900	900	870	850		
		Sleep	rpm	/	/	/	/		
Outdoor fan type		Propeller fan		Propeller fan		Propeller fan		Propeller fan	
Outdoor air circulation		m³/h	1900	1900	2600	3000			
Outdoor fan speed S/H/M/Low/Mute		rpm	Cooling:900/820/710/610/510 Heating:910/850/710/610/510	Cooling:900/820/710/610/510 Heating:910/850/710/610/510	Cooling:910/810/690/570/450 Heating:910/810/690/570/450	Cooling:860/820/720/620/450 Heating:860/820/720/620/450			
Expansion device		Capillary		Capillary		Capillary		Electronic expansion valve	
Connecting Pipe		Gas	Inches	3/8"	3/8"	3/8"	1/2"		
		Liquid	Inches	1/4"	1/4"	1/4"	1/4"		
Others									
Application area		m²	9~16	14~22	20~35	27~45			
Max. refrigerant pipe length		m	25	25	25	25			
Max. difference in level		m	10	10	10	10			
Operation temperature range		℃	16-31	16-31	16-31	16-31			
Ambient temperature range		Outdoor	℃	Cooling:-15-53/Heating:-20-30	Cooling:-15-53/Heating:-20-30	Cooling:-15-53/Heating:-20-30	Cooling:-15-53/Heating:-20-30		
		Indoor	℃	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30		
Net dimensions		Indoor	mm	790×275×192	790×275×192	920×306×195	1100×333×222		
(W x H x D)		Outdoor	mm	777×498×290	777×498×290	853×602×349	920×699×380		
		Indoor	kg	8.5	8.5	11	14		
Net weight		Outdoor	kg	24	24	35	40		
		Indoor	mm	860×345×265	860×345×265	990×380×265	1165×405×295		
Packing dimensions		Outdoor	mm	818×520×325	818×520×325	890×628×385	960×732×400		
Gross weight		Indoor	kg	10.5	10.5	13	17		
		Outdoor	kg	26(w/o pipe)	26(w/o pipe)	38(w/o pipe)	43(w/o pipe)		