

Model No.			SIEH0025SDI/SO1H0025SDI	SIEH0035SDI/SO1H0035SDI	SIEH0050SDI/SO1H0050SDI	SIEH0070SDI/SO1H0070SDI	
Type			heating pump	heating pump	heating pump	heating pump	
Control type			remote controller	remote controller	remote controller	remote controller	
Cooling capacity		W	2600(940~3350)	3400(1000~3770)	5100(1250-5920)	6810(1830~7820)	
Heating capacity		W	2750(940~3380)	3420(1000~3810)	5150(1250-6090)	6920(1850~7960)	
Pdesignc		W	2600	3400	5100	6800	
SEER		W/W	6,3	6,1	6,3	6,1	
Energy Class			A++	A++	A++	A++	
Pdesignh Average		W	2100	2400	4500	5500	
SCOP Average		W/W	4,1	4,1	4,1	4,1	
Energy Class(Average)			A+	A+	A+	A+	
Declare capacity(-10℃)		W	2000	2300	4300	5300	
Annual energy consumption		Cooling	kwh/a	144	195	283	390
		Average	kwh/a	735	840	1575	1925
Moisture removal		Liters/h	1,0	1,2	1,5	1,8	
Indoor sound power(S/H/M/L/Mute)		dB(A)	50/47/43/35/32	50/47/43/35/32	55/51/47/43/37	57/52/48/44/41	
Outdoor sound power		dB(A)	60	60	65	67	
Indoor sound pressure(S/H/M/L/Mute)		dB(A)	40/37/33/25/22	40/37/33/25/22	45/41/38//35/28	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			165~265	165~265	165~265	165~265	
Operating current		Cooling	A	4.1(1.2~8.0)	5.8(1.5~9.0)	8.1(1.7~12.0)	10.9(2.3~13.0)
		Heating	A	3.8(1.2~9.0)	4.7(1.5~10.0)	7.1(1.7~13.0)	9.6(2.3~14.0)
Power consumption		Cooling	W	787(240~1380)	1130(290~1500)	1579(330-2350)	2108(410~2800)
		Heating	W	733(240~1552)	922(290~1720)	1382(340-2540)	1866(420~3000)
Refrigerating System							
Refrigerant type/Charge/GWP/CO2 equivalent			R32/0.55kg/675/0.372tonnes	R32/0.55kg/675/0.372tonnes	R32/675	R32/g/675	
Compressor		Type	Rotary	Rotary	Rotary	Rotary	
		MFG	GMCC	GMCC	SANYO	SANYO	
Indoor air circulation			Cooling/heating	m <sup>3</sup> /h	550/550	900/900	1050/1050
Indoor fan type			Cross Flow	Cross Flow	Cross Flow	Cross Flow	
Outdoor fan type			Propeller fan	Propeller fan	Propeller fan	Propeller fan	
Connections							
Connecting Wiring		Core x Size	4×0.75mm <sup>2</sup>	4×0.75mm <sup>2</sup>	4×0.75mm <sup>2</sup>	4×0.75mm <sup>2</sup>	
Expension device			Capillary	Capillary	Electronic expansion valve	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		m <sup>2</sup>	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 (W x H x D)		Indoor	mm	811×278×198	811×278×198	1015×313×221	1132×332×229
		Outdoor	mm	777×498×290	777×498×290	853×602×349	920×699×380
Net weight		Indoor	kg	8	8	11	14
		Outdoor	kg	24	24	35	40
Packing dimensions (W x H x D) w/o pipe		Indoor	mm	905×355×270	905×355×270	1086×378×293	1202×402×302
		Outdoor	mm	818×520×325	818×520×325	890×628×385	960×732×400
Gross weight		Indoor	kg	10,5	10,5	14	17
		Outdoor	kg	26	26	38	43