

Model	--	SIEH002SDY_S01H002SDY	SIEH003SDY_S01H003SDY	SIEH005SDY_S01H005SDY	SIEH007SDY_S01H007SDY
Rated Voltage	V~	220-240	220-240	220-240	220-240
Rated Frequency	Hz	50	50	50	50
Phases	--	1	1	1	1
Power Supply Mode	--	Outdoor	Outdoor	Outdoor	Outdoor
Cooling Capacity	W	2700	3510	5200	7100
Min. Cooling Capacity	W	800	900	1000	2000
Max. Cooling Capacity	W	3800	4400	6000	8850
Heating Capacity	W	3000	3810	5600	7800
Min. Heating Capacity	W	900	900	1100	1800
Max. Heating Capacity	W	4250	4700	6600	9450
Cooling Power Input	W	695	962	1576	2030
Min. Cooling Power Input	W	100	220	100	450
Max. Cooling Power Input	W	1300	1400	2350	2900
Heating Power Input	W	700	953	1436	2000
Min. Heating Power Input	W	150	220	180	350
Max. Heating Power Input	W	1400	1550	2400	3000
Cooling Current Input	A	3.1	4.3	7.1	9
Heating Current Input	A	3.2	4.6	6.3	9.3
Rated Input	W	1400	1550	2400	3000
Rated Cooling Current	A	6	6.2	10.5	13
EER	W/W	3.885	3.65	3.299	3.5
COP	W/W	4.286	4	3.9	3.9
SEER	--	7.5	7.1	7.1	7
SCoP	--	4.2	4.1	4.2	4.2
Air Flow Volume	m³/h	610	700	850	1250
Air Flow Volume	m³/h	570	650	750	1100
Air Flow Volume	m³/h	540	600	680	1000
Air Flow Volume	m³/h	470	540	610	950
Air Flow Volume	m³/h	440	480	570	900
Air Flow Volume	m³/h	420	420	520	850
Air Flow Volume	m³/h	390	360	460	800
Dehumidifying Volume	L/h	1.69	1.4	1.9	2.4
Pdesignh	kW	2.7	3.5	5.2	7.1
Indoor Unit Model	--	SIEH002SDY	SIEH003SDY	SIEH005SDY	SIEH007SDY
Indoor Unit Fan Type	--	Cross-Flow	Cross-Flow	Cross-Flow	Cross-Flow
Cooling Speed	r/min	1200/1100/1050/950/900/850/800	1350/1200/1100/1000/920/850/800	1230/1170/1100/1020/960/880/800/550	1250/1100/1000/950/900/850/800/600
Heating Speed	r/min	1150/1100/1050/1000/950/900/850	1300/1200/1120/1050/980/900/850	1400/1270/1120/1100/1050/980/900	1400/1250/1100/1050/1000/900/850
Indoor Unit Fan Motor Power Output	W	20	20	45	60
Indoor Unit Fan Motor IRLA	A	0.31	0.31	0.24	0.24
Pdesignh	kW	2.7	3.2	4.2	5.6
Pdesignh	kW	3	3.3	4.3	5.7
Pdesignh	kW	4	4.5	5	6.3
Set Temperature Range	°C	16~30	16~30	16~30	16~30
Set Temperature Range	°C	61~86	61~86	61~86	61~86
Indoor Unit Sound Pressure Level Cooling mode	dB	38	42	44	48
Indoor Unit Sound Pressure Level Cooling mode	dB	36	38	43	44
Indoor Unit Sound Pressure Level Cooling mode	dB	34	35	41	41
Indoor Unit Sound Pressure Level Cooling mode	dB	31	32	38	40
Indoor Unit Sound Pressure Level Cooling mode	dB	29	29	36	38
Indoor Unit Sound Pressure Level Cooling mode	dB	27	26	34	36
Indoor Unit Sound Pressure Level Cooling mode	dB	25	25	30	33
Indoor Unit Sound Power Level Cooling mode	dB	54	57	60	64
Indoor Unit Sound Power Level Cooling mode	dB	48	50	56	59
Indoor Unit Sound Power Level Cooling mode	dB	46	47	54	56
Indoor Unit Sound Power Level Cooling mode	dB	43	44	51	55
Indoor Unit Sound Power Level Cooling mode	dB	41	41	49	53
Indoor Unit Sound Power Level Cooling mode	dB	39	38	47	51
Indoor Unit Sound Power Level Cooling mode	dB	37	37	43	48
Indoor Unit Dimension	mm	845	845	970	1078
Indoor Unit Dimension	mm	289	289	300	325
Indoor Unit Dimension	mm	209	209	224	246
Indoor Unit Net Weight	kg	10.5	11	13.5	16.5
Indoor Unit Gross Weight	kg	12.5	13	16	19.5
Outdoor Unit Model	--	S01H002SDY	S01H003SDY	S01H005SDY	S01H007SDY
Compressor Model	--	QXF-A0R2C170	FTZ-A0108ACHD	QXF-A120zH170A	QXF-M180zX170
Compressor Oil	--	ZE-G-ES R680CX or equivalent	FW68DA or equivalent	FW68DA or equivalent	FW68DA or equivalent
Compressor Type	--	Rotary	Rotary	Rotary	Twin Rotary
Compressor Locked Rotor Amp	A	15	15	18	25
Compressor Rated Load Amp	A	2.56	4.4	5	3.5
Compressor Power Input	W	756.6	/	1096	1610
Outdoor Unit Air Flow Volume	m³/h	1950	1950	2200	3600
Cooling Operation Ambient Temperature Range	°C	-15~50	-15~50	-15~50	-15~50
Cooling Operation Ambient Temperature Range	°F	5~122	5~122	5~122	5~122
Heating Operation Ambient Temperature Range	°C	-25~30	-25~30	-25~30	-25~30
Heating Operation Ambient Temperature Range	°F	-13~86	-13~86	-13~86	-13~86
Throttling Method	--	Capillary	Electron expansion valve	Electron expansion valve	Electron expansion valve
Defrosting Method	--	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting
Outdoor Unit Sound Pressure Level	dB	50	52	56	59
Outdoor Unit Sound Power Level	dB	61	63	65	70
Climate Zone	Temperate Zone	Temperate Zone	Temperate Zone	Temperate Zone	Temperate Zone
Outdoor Unit Dimension	mm	732	732	802	858
Outdoor Unit Dimension	mm	555	555	555	660
Outdoor Unit Dimension	mm	330	330	350	402
Outdoor Unit Dimension of Carton Box	mm	791	791	869	1029
Outdoor Unit Dimension of Carton Box	mm	373	373	395	453
Outdoor Unit Dimension of Carton Box	mm	590	590	594	715
Outdoor Unit Dimension of Package	mm	794	794	872	1032
Outdoor Unit Dimension of Package	mm	376	376	398	456
Outdoor Unit Dimension of Package	mm	615	605	620	737
Outdoor Unit Net Weight	kg	23.5	24.5	30.5	41.5
Outdoor Unit Gross Weight	kg	26	27	33	46
Refrigerant	kg	832	832	832	832
Refrigerant Charge	kg	0.53	0.57	0.82	1.5
Connection Pipe Length	m	5	5	5	5
Connection Pipe Gas Additional Charge	g/m	16	16	16	40
Outer Diameter of Liquid Pipe	mm	φ6	φ6	φ6	φ6
Outer Diameter of Gas Pipe	mm	φ9.52	φ9.52	φ12	φ16
Max Distance Height	m	10	10	10	10
Max Distance Length	m	15	15	25	25
Min/Max. Voltage	V	198~264	198~264	198~264	198~264
Rated Heating Current	A	6.2	6.9	11	13.5
Indoor Unit Sound Pressure Level Heating mode	dB	38	42	48	50
Indoor Unit Sound Pressure Level Heating mode	dB	37	38	45	47
Indoor Unit Sound Pressure Level Heating mode	dB	35	36	42	43
Indoor Unit Sound Pressure Level Heating mode	dB	34	34	40	41
Indoor Unit Sound Pressure Level Heating mode	dB	32	32	38	40
Indoor Unit Sound Pressure Level Heating mode	dB	29	30	36	36
Indoor Unit Sound Pressure Level Heating mode	dB	28	28	33	35
Indoor Unit Sound Power Level Heating mode	dB	56	52	60	64
Indoor Unit Sound Power Level Heating mode	dB	49	48	58	62
Indoor Unit Sound Power Level Heating mode	dB	47	46	55	58
Indoor Unit Sound Power Level Heating mode	dB	46	44	53	56
Indoor Unit Sound Power Level Heating mode	dB	44	42	51	55
Indoor Unit Sound Power Level Heating mode	dB	41	40	49	51
Indoor Unit Sound Power Level Heating mode	dB	40	38	46	50
Cooling Capacity	kW	2.7	3.51	5.2	7.1
Heating Capacity	kW	3	3.81	5.6	7.8
Rated Current	A	6.2	6.9	11	13.5
Annual energy consumption for space cooling	kWh/annum	126	173	256, 338	355
Annual energy consumption for heating	kWh/annum	900	1093	1400	1867
Annual energy consumption for heating	kWh/annum	792, 453	888	1056, 14	1478
Annual energy consumption for heating	kWh/annum	2470, 588	3048	3088, 235	3891
GWP	ton	675	675	675	675
CO2 equivalent	ton	0.358	0.38	0.554	1.01
Air Flow Volume	m³/h	/	300	/	600
Declared capacity	kW	2.7	2.9	3.6	5.6
Declared capacity	kW	3	3.3	4.3	5.7
Declared capacity	kW	2.1	2.3	2.9	0
Cooling Energy Class	--	A++	A++	A++	A++
Heating Energy Class	--	A+	A+	A+	A+