Changes for the Better

MITSUBISHI ELECTRIC

SPLIT-TYPE, HEAT PUMP AIR CONDITIONERS
SPLIT-TYPE, AIR CONDITIONERS

No. OC280
REVISED EDITION-B

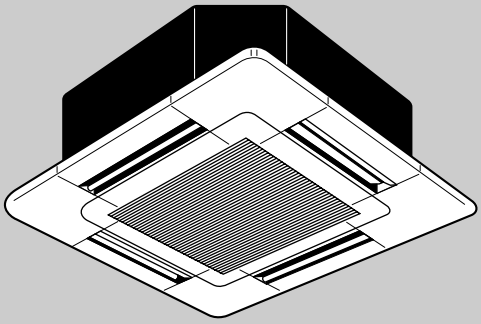
TECHNICAL & SERVICE MANUAL

Series SLH/SL Ceiling Cassettes

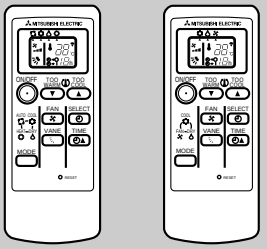
Indoor unit [Model names]	[Service Ref.]
SLH-1AR	SLH-1AR.TH SLH-1AR$_1$.TH
SLH-1.6AR	SLH-1.6AR.TH SLH-1.6AR$_1$.TH
SLH-2AR	SLH-2AR.TH SLH-2AR$_1$.TH
SL-1AR	SL-1AR.TH SL-1AR.TH-T
SL-1.6AR	SL-1.6AR.TH SL-1.6AR.TH-T
SL-2AR	SL-2AR.TH SL-2AR.TH-T

Revision:
- SLH-1AR$_1$.TH, SLH-1.6AR$_1$.TH and SLH-2AR$_1$.TH are added in REVISED EDITION-B.
- Please void OC280 REVISED EDITION-A.
- This manual does not cover the following outdoor units. When servicing them, please refer to the service manual No.OC282 REVISED EDITION-B and this manual in a set.
  SUH-1VR.TH, SUH-1.6VR2.TH, SUH-2VR$_1$.TH, SUH-2VR$_2$.TH, SU-1VR.TH, SU-1.6VR2.TH, SU-2VR$_1$.TH, SU-1VR.TH-T, SU-1.6VR2.TH-T, SU-2VR$_1$.TH-T

[For SLH- • AR$_1$.TH]
NOTE:
This service manual descrides only for the indoor unit and the connected outdoor unit of SUH series. In PUMY series, refer to the service manual outdoor unit and "R-CONVERTER UNIT" for PUMY series.



INDOOR UNIT



REMOTE CONTROLLER

SLH-1AR SL-1AR
SLH-1.6AR SL-1.6AR
SLH-2AR SL-2AR

CONTENTS

Mr.SLIM™

1 TECHNICAL CHANGE

SLH-1AR.TH ⟶ SLH-1AR$_1$.TH
SLH-1.6AR.TH ⟶ SLH-1.6AR$_1$.TH
SLH-2AR.TH ⟶ SLH-2AR$_1$.TH

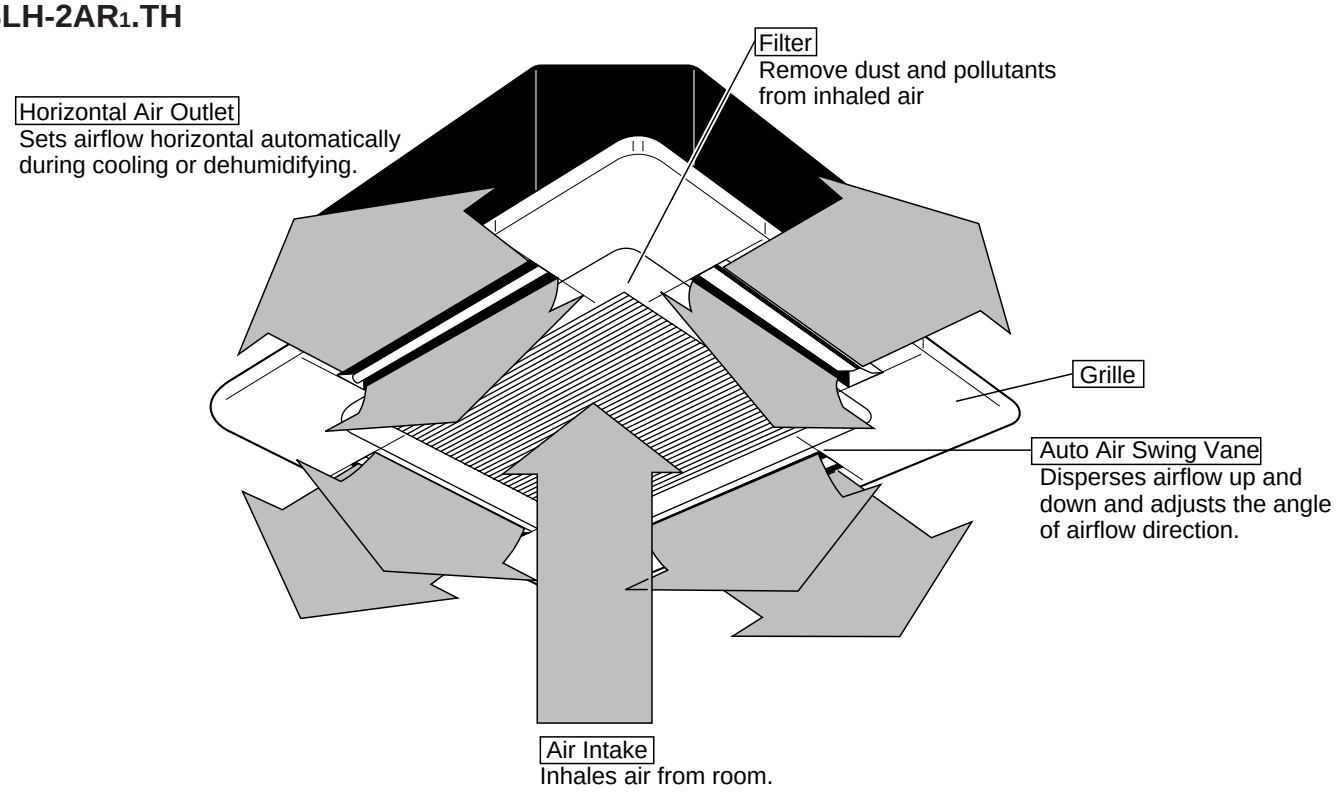
1. The indoor controller board changed in order to connect with R-CONVERTER UNIT.
2. Outdoor units of the PUMY series are cnnectable via R-CONVERTER UNIT.

2 PART NAMES AND FUNCTIONS

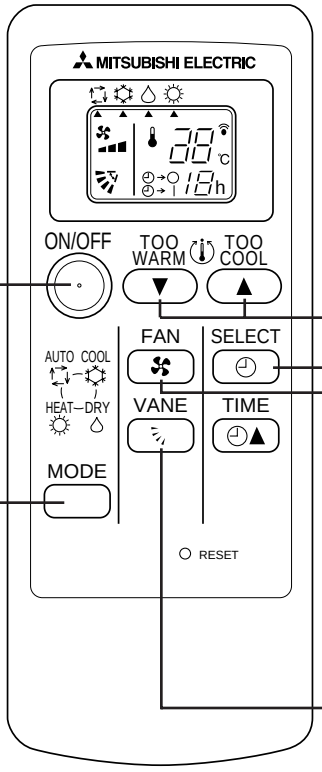
● Indoor (Main) Unit

SLH-1AR.TH	**SL-1AR.TH**	**SL-1AR.TH-T**
SLH-1.6AR.TH	**SL-1.6AR.TH**	**SL-1.6AR.TH-T**
SLH-2AR.TH	**SL-2AR.TH**	**SL-2AR.TH-T**

SLH-1AR$_1$.TH
SLH-1.6AR$_1$.TH
SLH-2AR$_1$.TH



● Remote controller



ON / OFF button

Pushing button starts operation. Pushing again stops operation.

MODE SELECT button

This button is used to change between auto, cooling, heating and drying operation modes. (SLH)

SET TEMPERATURE button

SET TEMPERATURE button sets and any desired room temperature.

TIMER SELECT button

Used for selecting timed starting or stopping.

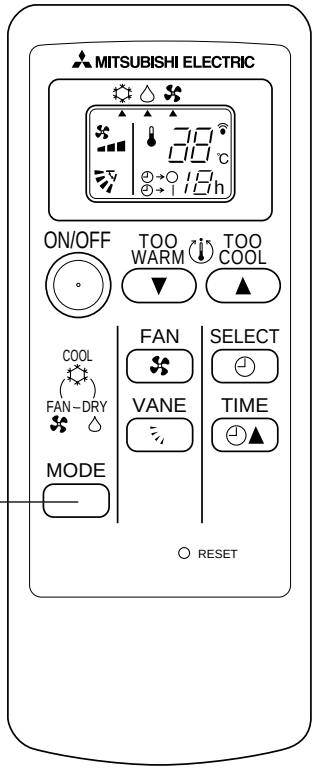
FAN SPEED button

This button is used to set fan speed to low, medium or high.

VANE CONTROL button

Used to change the airflow direction.

SLH-1AR.TH **SLH-1AR$_1$.TH**
SLH-1.6AR.TH **SLH-1.6AR$_1$.TH**
SLH-2AR.TH **SLH-2AR$_1$.TH**



MODE SELECT button

This button is used to change between cooling, drying and fan operation modes. (SL)

SL-1AR.TH **SL-1AR.TH-T**
SL-1.6AR.TH **SL-1.6AR.TH-T**
SL-2AR.TH **SL-2AR.TH-T**

Attention :

● Avoid operation of buttons with fingernails or other sharp objects. Sharp objects may scratch remote controller.

3 SPECIFICATIONS

Service Ref.				SLH-1AR.TH SLH-1AR1.TH / SUH-1VR.TH		SLH-1.6AR.TH SLH-1.6AR1.TH / SUH-1.6VR2.TH	
Function				Cooling	Heating	Cooling	Heating
Power supply				Single phase, 220-240V, 50Hz			
Capacity	Capacity		kW	2.5-2.5	3.0-3.1	4.0-4.1	4.5-4.6
	Dehumidification		ℓ /h	0.9	—	1.8	—
	Air flow		m³/h	600		660	
Electrical data	Running current		A	4.5-4.3	4.7-4.5	7.5-7.5	7.1-7.1
	Power input		W	970-1010	1010-1050	1600-1700	1510-1610
	Auxiliary heater		A(kW)	—	—	—	—
	Power factor		%	98-98	98-97	97-94	97-94
	Starting current		A	21-23		33-36	
	Compressor motor current		A	4.10-3.88	4.30-4.08	6.91-6.88	6.51-6.48
	Fan motor current		A	0.40-0.42		0.59-0.62	
Coefficient of performance (C.O.P)				2.58-2.48	2.97-2.95	2.50-2.41	2.98-2.86
Compressor	Model			RH-174VGHT		RH-277VHAT	
	Output		W	800		1300	
	Winding resistance (at 20℃)		Ω	C-R: 3.30 C-S: 5.80		C-R: 1.80 C-S: 3.00	
Indoor fan motor	Model			PK6V11-LA		PK6V21-LA	
	Winding resistance (at 20℃)		Ω	WHT-BLK : 308 BLK-BLU : 57 BLU-YLW : 35 YLW-BRN : 39 BRN-RED : 271		WHT-BLK : 384 BLK-BLU : 111 BLU-YLW : 49 YLW-BRN : 46 BRN-RED : 311	
Outdoor fan motor	Model			PN6V23-UA		RA6V40-EE	
	Winding resistance (at 20℃)		Ω	WHT-BLK : 353 BLK-RED : 321		WHT-BLK : 130 BLK-RED : 135	
Dimensions	Indoor unit [Grille]	Width	mm	570 [650]			
		Height	mm	208 [20]			
		Depth	mm	570 [650]			
	Outdoor unit	Width	mm	780		850	
		Height	mm	540		605	
		Depth	mm	255		290	
Weight	Indoor unit [Grille]		kg	15 [3]		16.5 [3]	
	Outdoor unit		kg	33		43	
Special remarks	Sound level (Hi)	Indoor unit	dB	36		39	
		Outdoor unit	dB	47		50	
	Fan speed (Hi)	Indoor unit	rpm	580-620		670-700	
		Outdoor unit	rpm	710-760		780-820	
	Fan speed regulator	Indoor unit		3			
		Outdoor unit		1			
	Outlet air speed and coverage range	Air speed	m/sec	3.4		3.7	
		Coverage range	m	3.7		4.1	
	Refrigerant filling capacity(R-22)		kg	0.8		1.4	
	Refrigerant oil		L	MS56 × 0.30		MS56 × 0.52	
	Thermistor	RT11(at 25℃)	kΩ	10			
		RT12(at 25℃)	kΩ	10			
		RT61(at 0℃)	kΩ	33.18			

NOTE:Test conditions

Cooling : Indoor D.B. 27°C W.B. 19°C Outdoor D.B. 35°C W.B. 24°C

Heating : Indoor D.B. 20°C W.B. — Outdoor D.B. 7°C W.B. 6°C

Service Ref.				SLH-2AR.TH SLH-2AR1.TH SUH-2VR1.TH SUH-2VR2.TH	
Function				Cooling	Heating
Power supply				Single phase, 220-240V, 50Hz	
Capacity	Capacity		kW	5.0-5.1	5.4-5.5
	Dehumidification		ℓ /h	2.6	—
	Air flow		m³/h	660	
Electrical data	Running current		A	10.2-9.8	10.0-9.4
	Power input		W	2230-2310	2180-2220
	Auxiliary heater		A(kW)	—	—
	Power factor		%	99-98	99-98
	Starting current		A	52-58	
	Compressor motor current		A	9.58-9.15	9.38-8.75
	Fan motor current		A	0.62-0.65	
Coefficient of performance (C.O.P)				2.24-2.21	2.48-2.48
Compressor	Model			NH38VMDT	
	Output		W	1700	
	Winding resistance (at 20℃)		Ω	C-R : 1.07 C-S : 2.26	
Indoor fan motor	Model			PK6V21-LB	
	Winding resistance (at 20℃)		Ω	WHT-BLK : 317 BLK-BLU : 88 BLU-YLW : 52 YLW-BRN : 45 BRN-RED : 301	
Outdoor fan motor	Model			RA6V50-OF	
	Winding resistance (at 20℃)		Ω	WHT-BLK : 116 BLK-RED : 111	
Dimensions	Indoor unit [Grille]	Width	mm	570 [650]	
		Height	mm	208 [20]	
		Depth	mm	570 [650]	
	Outdoor unit	Width	mm	850	
		Height	mm	605	
		Depth	mm	290	
Weight	Indoor unit [Grille]		kg	16.5 [3]	
	Outdoor unit		kg	59	
Special remarks	Sound level (Hi)	Indoor unit	dB	40	
		Outdoor unit	dB	52	
	Fan speed (Hi)	Indoor unit	rpm	700-730	
		Outdoor unit	rpm	810-845	
	Fan speed regulator	Indoor unit		3	
		Outdoor unit		1	
	Outlet air speed and coverage range	Air speed	m/sec	3.7	
		Coverage range	m	4.1	
	Refrigerant filling capacity(R-22)		kg	1.8	
	Refrigerant oil		L	MS32(N-1) × 1.2	
	Thermistor	RT11(at 25℃)	kΩ	10	
		RT12(at 25℃)	kΩ	10	
		RT61(at 0℃)	kΩ	33.18	

NOTE:Test conditions

Cooling : Indoor D.B. 27°C W.B. 19°C Outdoor D.B. 35°C W.B. 24°C

Heating : Indoor D.B. 20°C W.B. — Outdoor D.B. 7°C W.B. 6°C

Service Ref.				SL-1AR.TH SL-1AR.TH-T SU-1VR.TH SU-1VR.TH-T	SL-1.6AR.TH SL-1.6AR.TH-T SU-1.6VR2.TH SU-1.6VR2.TH-T
Function				Cooling	Cooling
Power supply				Single phase, 220-240V, 50Hz	
Capacity	Capacity		kW	2.6-2.6	4.0-4.1
	Dehumidification		ℓ /h	1.0	1.8
	Air flow		m³/h	600	660
Electrical data	Running current		A	4.6-4.4	7.7-7.7
	Power input		W	990-1030	1640-1740
	Auxiliary heater		A(kW)	—	—
	Power factor		%	98-98	97-94
	Starting current		A	21-23	33-36
	Compressor motor current		A	4.20-3.98	7.11-7.08
	Fan motor current		A	0.40-0.42	0.59-0.62
Coefficient of performance (C.O.P)				2.63-2.52	2.44-2.36
Compressor	Model			RH-174VGHT	RH-277VHAT
	Output		W	800	1300
	Winding resistance (at 20℃)		Ω	C-R: 3.30 C-S: 5.80	C-R: 1.80 C-S: 3.00
Indoor fan motor	Model			PK6V11-LA	PK6V21-LA
	Winding resistance (at 20℃)		Ω	WHT-BLK : 308 BLK-BLU : 57 BLU-YLW : 35 YLW-BRN : 39 BRN-RED : 271	WHT-BLK : 384 BLK-BLU : 111 BLU-YLW : 49 YLW-BRN : 46 BRN-RED : 311
Outdoor fan motor	Model			RA6V23-FC	RA6V40-EE
	Winding resistance (at 20℃)		Ω	WHT-BLK : 353 BLK-RED : 321	WHT-BLK : 130 BLK-RED : 135
Dimensions	Indoor unit [Grille]	Width	mm	570 [650]	
		Height	mm	208 [20]	
		Depth	mm	570 [650]	
	Outdoor unit	Width	mm	780	850
		Height	mm	540	605
		Depth	mm	255	290
Weight	Indoor unit [Grille]		kg	15 [3]	16.5 [3]
	Outdoor unit		kg	32	38
Special remarks	Sound level (Hi)	Indoor unit	dB	36	39
		Outdoor unit	dB	45	50
	Fan speed (Hi)	Indoor unit	rpm	580-620	670-700
		Outdoor unit	rpm	710-760	780-820
	Fan speed regulator	Indoor unit		3	
		Outdoor unit		1	
	Outlet air speed and coverage range	Air speed	m/sec	3.4	3.7
		Coverage range	m	3.7	4.1
	Refrigerant filling capacity(R-22)		kg	0.8	0.9
	Refrigerant oil		L	MS56 × 0.30	MS56 × 0.52
	Thermistor	RT11(at 25℃)	kΩ	10	
		RT12(at 25℃)	kΩ	10	
		RT61(at 0℃)	kΩ	33.18	

NOTE:Test conditions

Cooling : Indoor D.B. 27°C W.B. 19°C Outdoor D.B. 35°C W.B. 24°C

Heating : Indoor D.B. 20°C W.B. — Outdoor D.B. 7°C W.B. 6°C

Service Ref.				SL-2AR.TH SL-2AR.TH-T SU-2VR1.TH SU-2VR1.TH-T
Function				Cooling
Power supply				Single phase, 220-240V, 50Hz
Capacity	Capacity		kW	5.1-5.2
	Dehumidification		ℓ /h	2.7
	Air flow		m³/h	660
Electrical data	Running current		A	10.6-10.0
	Power input		W	2300-2360
	Auxiliary heater		A(kW)	—
	Power factor		%	99-98
	Starting current		A	35-38
	Compressor motor current		A	9.73-9.51
	Fan motor current		A	0.62-0.65
Coefficient of performance (C.O.P)				2.22-2.20
Compressor	Model			NH38VMDT
	Output		W	1700
	Winding resistance (at 20℃)		Ω	C-R : 1.07 C-S : 2.26
Indoor fan motor	Model			PK6V21-LB
	Winding resistance (at 20℃)		Ω	WHT-BLK : 317 BLK-BLU : 88 BLU-YLW : 52 YLW-BRN : 45 BRN-RED : 301
Outdoor fan motor	Model			RA6V50-OF
	Winding resistance (at 20℃)		Ω	WHT-BLK : 116 BLK-RED : 111
Dimensions	Indoor unit [Grille]	Width	mm	570 [650]
		Height	mm	208 [20]
		Depth	mm	570 [650]
	Outdoor unit	Width	mm	850
		Height	mm	605
		Depth	mm	290
Weight	Indoor unit [Grille]		kg	16.5 [3]
	Outdoor unit		kg	55
Special remarks	Sound level (Hi)	Indoor unit	dB	40
		Outdoor unit	dB	52
	Fan speed (Hi)	Indoor unit	rpm	700-730
		Outdoor unit	rpm	810-845
	Fan speed regulator	Indoor unit		3
		Outdoor unit		1
	Outlet air speed and coverage range	Air speed	m/sec	3.7
		Coverage range	m	4.1
	Refrigerant filling capacity(R-22)		kg	1.6
	Refrigerant oil		L	MS32(N-1) × 1.2
	Thermistor	RT11(at 25℃)	kΩ	10
		RT12(at 25℃)	kΩ	10
		RT61(at 0℃)	kΩ	33.18

NOTE:Test conditions

Cooling : Indoor D.B. 27°C W.B. 19°C Outdoor D.B. 35°C W.B. 24°C

Heating : Indoor D.B. 20°C W.B. — Outdoor D.B. 7°C W.B. 6°C

PERFORMANCE DATA
COOLING operation(220V)
SLH-1AR
CAPACITY : 2.5 kW INPUT : 970 W SHF : 0.75

		OUTDOOR D.B.(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	2.59	1.67	0.57	776	2.81	1.60	0.57	815	2.70	1.54	0.57	854	2.60	1.48	0.57	892
21	20	2.70	1.38	0.45	815	2.94	1.32	0.45	863	2.85	1.28	0.45	883	2.75	1.24	0.45	922
22	18	2.59	1.79	0.61	776	2.81	1.72	0.61	815	2.70	1.65	0.61	854	2.60	1.59	0.61	892
22	20	2.70	1.50	0.49	815	2.94	1.44	0.49	863	2.85	1.40	0.49	883	2.75	1.35	0.49	922
22	22	2.81	1.18	0.37	844	3.08	1.14	0.37	897	3.00	1.11	0.37	922	2.88	1.06	0.37	960
23	18	2.59	1.91	0.65	776	2.81	1.83	0.65	815	2.70	1.76	0.65	854	2.60	1.69	0.65	892
23	20	2.70	1.62	0.53	815	2.94	1.56	0.53	863	2.85	1.51	0.53	883	2.75	1.46	0.53	922
23	22	2.81	1.31	0.41	844	3.08	1.26	0.41	897	3.00	1.23	0.41	922	2.88	1.18	0.41	960
24	18	2.59	2.03	0.69	776	2.81	1.94	0.69	815	2.70	1.86	0.69	854	2.60	1.79	0.69	892
24	20	2.70	1.75	0.57	815	2.94	1.67	0.57	863	2.85	1.62	0.57	883	2.75	1.57	0.57	922
24	22	2.81	1.43	0.45	844	3.08	1.38	0.45	897	3.00	1.35	0.45	922	2.88	1.29	0.45	960
24	24	2.95	1.11	0.33	883	3.23	1.06	0.33	931	3.15	1.04	0.33	960	3.05	1.01	0.33	1009
25	20	2.70	1.87	0.61	815	2.94	1.79	0.61	815	2.85	1.74	0.61	883	2.75	1.68	0.61	922
25	22	2.81	1.56	0.49	844	3.04	1.51	0.49	863	3.00	1.47	0.49	922	2.88	1.41	0.49	960
25	24	2.95	1.24	0.37	883	3.23	1.19	0.37	897	3.15	1.17	0.37	960	3.05	1.13	0.37	1009
26	18	2.59	2.26	0.77	776	2.81	2.17	0.77	815	2.70	2.08	0.77	854	2.60	2.00	0.77	892
26	20	2.70	1.99	0.65	815	2.94	1.91	0.65	863	2.85	1.85	0.65	883	2.75	1.79	0.65	922
26	22	2.81	1.69	0.53	844	3.08	1.63	0.53	897	3.00	1.59	0.53	922	2.88	1.52	0.53	960
26	24	2.95	1.37	0.41	883	3.23	1.32	0.41	931	3.15	1.29	0.41	960	3.05	1.25	0.41	1009
26	26	3.04	1.00	0.29	931	3.35	0.97	0.29	980	3.30	0.96	0.29	1009	3.20	0.93	0.29	1038
27	18	2.59	2.38	0.81	776	2.81	2.28	0.81	815	2.70	2.19	0.81	854	2.60	2.11	0.81	892
27	20	2.70	2.11	0.69	815	2.94	2.03	0.69	863	2.85	1.97	0.69	883	2.75	1.90	0.69	922
27	22	2.81	1.82	0.57	844	3.08	1.75	0.57	897	3.00	1.71	0.57	922	2.88	1.64	0.57	960
27	24	2.95	1.51	0.45	883	3.23	1.45	0.45	931	3.15	1.42	0.45	960	3.05	1.37	0.45	1009
27	26	3.04	1.14	0.33	931	3.35	1.11	0.33	980	3.30	1.09	0.33	1009	3.20	1.06	0.33	1038
28	18	2.59	2.50	0.85	776	2.81	2.39	0.85	815	2.70	2.30	0.85	854	2.60	2.21	0.85	892
28	20	2.70	2.24	0.73	815	2.94	2.14	0.73	863	2.85	2.08	0.73	883	2.75	2.01	0.73	922
28	22	2.81	1.94	0.61	844	3.08	1.88	0.61	897	3.00	1.83	0.61	922	2.88	1.75	0.61	960
28	24	2.95	1.64	0.49	883	3.23	1.58	0.49	931	3.15	1.54	0.49	960	3.05	1.49	0.49	1009
28	26	3.04	1.28	0.37	931	3.35	1.24	0.37	980	3.30	1.22	0.37	1009	3.20	1.18	0.37	1038
29	18	2.59	2.61	0.89	776	2.81	2.50	0.89	815	2.70	2.40	0.89	854	2.60	2.31	0.89	892
29	20	2.70	2.36	0.77	815	2.94	2.26	0.77	863	2.85	2.19	0.77	883	2.75	2.12	0.77	922
29	22	2.81	2.07	0.65	844	3.08	2.00	0.65	897	3.00	1.95	0.65	922	2.88	1.87	0.65	960
29	24	2.95	1.78	0.53	883	3.23	1.71	0.53	931	3.15	1.67	0.53	960	3.05	1.62	0.53	1009
29	26	3.04	1.41	0.41	931	3.35	1.37	0.41	980	3.30	1.35	0.41	1009	3.20	1.31	0.41	1038
30	18	2.59	2.73	0.93	776	2.81	2.62	0.93	815	2.70	2.51	0.93	854	2.60	2.42	0.93	892
30	20	2.70	2.48	0.81	815	2.94	2.38	0.81	863	2.85	2.31	0.81	883	2.75	2.23	0.81	922
30	22	2.81	2.20	0.69	844	3.08	2.12	0.69	897	3.00	2.07	0.69	922	2.88	1.98	0.69	960
30	24	2.95	1.91	0.57	883	3.23	1.84	0.57	931	3.15	1.80	0.57	960	3.05	1.74	0.57	1009
30	26	3.04	1.55	0.45	931	3.35	1.51	0.45	980	3.30	1.49	0.45	1009	3.20	1.44	0.45	1038
31	18	2.59	2.85	0.97	776	2.81	2.73	0.97	815	2.70	2.62	0.97	854	2.60	2.52	0.97	892
31	20	2.70	2.60	0.85	815	2.94	2.50	0.85	863	2.85	2.42	0.85	883	2.75	2.34	0.85	922
31	22	2.81	2.33	0.73	844	3.08	2.24	0.73	897	3.00	2.19	0.73	922	2.88	2.10	0.73	960
31	24	2.95	2.04	0.61	883	3.23	1.97	0.61	931	3.15	1.92	0.61	960	3.05	1.86	0.61	1009
31	26	3.04	1.69	0.49	931	3.35	1.64	0.49	980	3.30	1.62	0.49	1009	3.20	1.57	0.49	1038
32	18	2.59	2.97	1.01	776	2.81	2.84	1.01	815	2.70	2.73	1.01	854	2.60	2.63	1.01	892
32	20	2.70	2.73	0.89	815	2.94	2.61	0.89	863	2.85	2.54	0.89	883	2.75	2.45	0.89	922
32	22	2.81	2.45	0.77	844	3.08	2.37	0.77	897	3.00	2.31	0.77	922	2.88	2.21	0.77	960
32	24	2.95	2.18	0.65	883	3.23	2.10	0.65	931	3.15	2.05	0.65	960	3.05	1.98	0.65	1009
32	26	3.04	1.83	0.53	931	3.35	1.78	0.53	980	3.30	1.75	0.53	1009	3.20	1.70	0.53	1038

PERFORMANCE DATA
COOLING operation(220V)
SLH-1AR
CAPACITY : 2.5 kW INPUT : 970 W SHF : 0.75

		OUTDOOR D.B.(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	2.45	1.40	0.57	951	2.25	1.28	0.57	1009	2.08	1.18	0.57	1048
21	20	2.58	1.16	0.45	989	2.40	1.08	0.45	1038	2.23	1.00	0.45	1096
22	18	2.45	1.49	0.61	951	2.25	1.37	0.61	1009	2.08	1.27	0.61	1048
22	20	2.58	1.26	0.49	989	2.40	1.18	0.49	1038	2.23	1.09	0.49	1096
22	22	2.73	1.01	0.37	1028	2.55	0.94	0.37	1086	2.38	0.88	0.37	1125
23	18	2.45	1.59	0.65	951	2.25	1.46	0.65	1009	2.08	1.35	0.65	1048
23	20	2.58	1.36	0.53	989	2.40	1.27	0.53	1038	2.23	1.18	0.53	1096
23	22	2.73	1.12	0.41	1028	2.55	1.05	0.41	1086	2.38	0.97	0.41	1125
24	18	2.45	1.69	0.69	951	2.25	1.55	0.69	1009	2.08	1.43	0.69	1048
24	20	2.58	1.47	0.57	989	2.40	1.37	0.57	1038	2.23	1.27	0.57	1096
24	22	2.73	1.23	0.45	1028	2.55	1.15	0.45	1086	2.38	1.07	0.45	1125
24	24	2.88	0.95	0.33	1067	2.70	0.89	0.33	1116	2.55	0.84	0.33	1164
25	20	2.58	1.57	0.61	989	2.40	1.46	0.61	1038	2.23	1.36	0.61	1096
25	22	2.73	1.34	0.49	1028	2.55	1.25	0.49	1086	2.38	1.16	0.49	1125
25	24	2.88	1.06	0.37	1067	2.70	1.00	0.37	1116	2.55	0.94	0.37	1164
26	18	2.45	1.89	0.77	951	2.25	1.73	0.77	1009	2.08	1.60	0.77	1048
26	20	2.58	1.67	0.65	989	2.40	1.56	0.65	1038	2.23	1.45	0.65	1096
26	22	2.73	1.44	0.53	1028	2.55	1.35	0.53	1086	2.38	1.26	0.53	1125
26	24	2.88	1.18	0.41	1067	2.70	1.11	0.41	1116	2.55	1.05	0.41	1164
26	26	3.03	0.88	0.29	1106	2.85	0.83	0.29	1154	2.68	0.78	0.29	1203
27	18	2.45	1.98	0.81	951	2.25	1.82	0.81	1009	2.08	1.68	0.81	1048
27	20	2.58	1.78	0.69	989	2.40	1.66	0.69	1038	2.23	1.54	0.69	1096
27	22	2.73	1.55	0.57	1028	2.55	1.45	0.57	1086	2.38	1.35	0.57	1125
27	24	2.88	1.29	0.45	1067	2.70	1.22	0.45	1116	2.55	1.15	0.45	1164
27	26	3.03	1.00	0.33	1106	2.85	0.94	0.33	1154	2.68	0.88	0.33	1203
28	18	2.45	2.08	0.85	951	2.25	1.91	0.85	1009	2.08	1.76	0.85	1048
28	20	2.58	1.88	0.73	989	2.40	1.75	0.73	1038	2.23	1.62	0.73	1096
28	22	2.73	1.66	0.61	1028	2.55	1.56	0.61	1086	2.38	1.45	0.61	1125
28	24	2.88	1.41	0.49	1067	2.70	1.32	0.49	1116	2.55	1.25	0.49	1164
28	26	3.03	1.12	0.37	1106	2.85	1.05	0.37	1154	2.68	0.99	0.37	1203
29	18	2.45	2.18	0.89	951	2.25	2.00	0.89	1009	2.08	1.85	0.89	1048
29	20	2.58	1.98	0.77	989	2.40	1.85	0.77	1038	2.23	1.71	0.77	1096
29	22	2.73	1.77	0.65	1028	2.55	1.66	0.65	1086	2.38	1.54	0.65	1125
29	24	2.88	1.52	0.53	1067	2.70	1.43	0.53	1116	2.55	1.35	0.53	1164
29	26	3.03	1.24	0.41	1106	2.85	1.17	0.41	1154	2.68	1.10	0.41	1203
30	18	2.45	2.28	0.93	951	2.25	2.09	0.93	1009	2.08	1.93	0.93	1048
30	20	2.58	2.09	0.81	989	2.40	1.94	0.81	1038	2.23	1.80	0.81	1096
30	22	2.73	1.88	0.69	1028	2.55	1.76	0.69	1086	2.38	1.64	0.69	1125
30	24	2.88	1.64	0.57	1067	2.70	1.54	0.57	1116	2.55	1.45	0.57	1164
30	26	3.03	1.36	0.45	1106	2.85	1.28	0.45	1154	2.68	1.20	0.45	1203
31	18	2.45	2.38	0.97	951	2.25	2.18	0.97	1009	2.08	2.01	0.97	1048
31	20	2.58	2.19	0.85	989	2.40	2.04	0.85	1038	2.23	1.89	0.85	1096
31	22	2.73	1.99	0.73	1028	2.55	1.86	0.73	1086	2.38	1.73	0.73	1125
31	24	2.88	1.75	0.61	1067	2.70	1.65	0.61	1116	2.55	1.56	0.61	1164
31	26	3.03	1.48	0.49	1106	2.85	1.40	0.49	1154	2.68	1.31	0.49	1203
32	18	2.45	2.47	1.01	951	2.25	2.27	1.01	1009	2.08	2.10	1.01	1048
32	20	2.58	2.29	0.89	989	2.40	2.14	0.89	1038	2.23	1.98	0.89	1096
32	22	2.73	2.10	0.77	1028	2.55	1.96	0.77	1086	2.38	1.83	0.77	1125
32	24	2.88	1.87	0.65	1067	2.70	1.76	0.65	1116	2.55	1.66	0.65	1164
32	26	3.03	1.60	0.53	1106	2.85	1.51	0.53	1154	2.68	1.42	0.53	1203

PERFORMANCE DATA
COOLING operation(240V)
SLH-1AR
CAPACITY : 2.5 kW INPUT : 1010 W SHF : 0.75

		OUTDOOR D.B.(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	2.94	1.67	0.57	808	2.81	1.60	0.57	848	2.70	1.54	0.57	889	2.60	1.48	0.57	929
21	20	3.06	1.38	0.45	848	2.94	1.32	0.45	899	2.85	1.28	0.45	919	2.75	1.24	0.45	960
22	18	2.94	1.79	0.61	808	2.81	1.72	0.61	848	2.70	1.65	0.61	889	2.60	1.59	0.61	929
22	20	3.06	1.50	0.49	848	2.94	1.44	0.49	899	2.85	1.40	0.49	919	2.75	1.35	0.49	960
22	22	3.19	1.18	0.37	879	3.08	1.14	0.37	934	3.00	1.11	0.37	960	2.88	1.06	0.37	1000
23	18	2.94	1.91	0.65	808	2.81	1.83	0.65	848	2.70	1.76	0.65	889	2.60	1.69	0.65	929
23	20	3.06	1.62	0.53	848	2.94	1.56	0.53	899	2.85	1.51	0.53	919	2.75	1.46	0.53	960
23	22	3.19	1.31	0.41	879	3.08	1.26	0.41	934	3.00	1.23	0.41	960	2.88	1.18	0.41	1000
24	18	2.94	2.03	0.69	808	2.81	1.94	0.69	848	2.70	1.86	0.69	889	2.60	1.79	0.69	929
24	20	3.06	1.75	0.57	848	2.94	1.67	0.57	899	2.85	1.62	0.57	919	2.75	1.57	0.57	960
24	22	3.19	1.43	0.45	879	3.08	1.38	0.45	934	3.00	1.35	0.45	960	2.88	1.29	0.45	1000
24	24	3.35	1.11	0.33	919	3.23	1.06	0.33	970	3.15	1.04	0.33	1000	3.05	1.01	0.33	1050
25	20	3.06	1.87	0.61	848	2.94	1.79	0.61	899	2.85	1.74	0.61	919	2.75	1.68	0.61	960
25	22	3.19	1.56	0.49	879	3.08	1.51	0.49	934	3.00	1.47	0.49	960	2.88	1.41	0.49	1000
25	24	3.35	1.24	0.37	919	3.23	1.19	0.37	970	3.15	1.17	0.37	1000	3.05	1.13	0.37	1050
26	18	2.94	2.26	0.77	808	2.81	2.17	0.77	848	2.70	2.08	0.77	889	2.60	2.00	0.77	929
26	20	3.06	1.99	0.65	848	2.94	1.91	0.65	899	2.85	1.85	0.65	919	2.75	1.79	0.65	960
26	22	3.19	1.69	0.53	879	3.08	1.63	0.53	934	3.00	1.59	0.53	960	2.88	1.52	0.53	1000
26	24	3.35	1.37	0.41	919	3.23	1.32	0.41	970	3.15	1.29	0.41	1000	3.05	1.25	0.41	1050
26	26	3.45	1.00	0.29	970	3.35	0.97	0.29	1020	3.30	0.96	0.29	1050	3.20	0.93	0.29	1081
27	18	2.94	2.38	0.81	808	2.81	2.28	0.81	848	2.70	2.19	0.81	889	2.60	2.11	0.81	929
27	20	3.06	2.11	0.69	848	2.94	2.03	0.69	899	2.85	1.97	0.69	919	2.75	1.90	0.69	960
27	22	3.19	1.82	0.57	879	3.08	1.75	0.57	934	3.00	1.71	0.57	960	2.88	1.64	0.57	1000
27	24	3.35	1.51	0.45	919	3.23	1.45	0.45	970	3.15	1.42	0.45	1000	3.05	1.37	0.45	1050
27	26	3.45	1.14	0.33	970	3.35	1.11	0.33	1020	3.30	1.09	0.33	1050	3.20	1.06	0.33	1081
28	18	2.94	2.50	0.85	808	2.81	2.39	0.85	848	2.70	2.30	0.85	889	2.60	2.21	0.85	929
28	20	3.06	2.24	0.73	848	2.94	2.14	0.73	899	2.85	2.08	0.73	919	2.75	2.01	0.73	960
28	22	3.19	1.94	0.61	879	3.08	1.88	0.61	934	3.00	1.83	0.61	960	2.88	1.75	0.61	1000
28	24	3.35	1.64	0.49	919	3.23	1.58	0.49	970	3.15	1.54	0.49	1000	3.05	1.49	0.49	1050
28	26	3.45	1.28	0.37	970	3.35	1.24	0.37	1020	3.30	1.22	0.37	1050	3.20	1.18	0.37	1081
29	18	2.94	2.61	0.89	808	2.81	2.50	0.89	848	2.70	2.40	0.89	889	2.60	2.31	0.89	929
29	20	3.06	2.36	0.77	848	2.94	2.26	0.77	899	2.85	2.19	0.77	919	2.75	2.12	0.77	960
29	22	3.19	2.07	0.65	879	3.08	2.00	0.65	934	3.00	1.95	0.65	960	2.88	1.87	0.65	1000
29	24	3.35	1.78	0.53	919	3.23	1.71	0.53	970	3.15	1.67	0.53	1000	3.05	1.62	0.53	1050
29	26	3.45	1.41	0.41	970	3.35	1.37	0.41	1020	3.30	1.35	0.41	1050	3.20	1.31	0.41	1081
30	18	2.94	2.73	0.93	808	2.81	2.62	0.93	848	2.70	2.51	0.93	889	2.60	2.42	0.93	929
30	20	3.06	2.48	0.81	848	2.94	2.38	0.81	899	2.85	2.31	0.81	919	2.75	2.23	0.81	960
30	22	3.19	2.20	0.69	879	3.08	2.12	0.69	934	3.00	2.07	0.69	960	2.88	1.98	0.69	1000
30	24	3.35	1.91	0.57	919	3.23	1.84	0.57	970	3.15	1.80	0.57	1000	3.05	1.74	0.57	1050
30	26	3.45	1.55	0.45	970	3.35	1.51	0.45	1020	3.30	1.49	0.45	1050	3.20	1.44	0.45	1081
31	18	2.94	2.85	0.97	808	2.81	2.73	0.97	848	2.70	2.62	0.97	889	2.60	2.52	0.97	929
31	20	3.06	2.60	0.85	848	2.94	2.50	0.85	899	2.85	2.42	0.85	919	2.75	2.34	0.85	960
31	22	3.19	2.33	0.73	879	3.08	2.24	0.73	934	3.00	2.19	0.73	960	2.88	2.10	0.73	1000
31	24	3.35	2.04	0.61	919	3.23	1.97	0.61	970	3.15	1.92	0.61	1000	3.05	1.86	0.61	1050
31	26	3.45	1.69	0.49	970	3.35	1.64	0.49	1020	3.30	1.62	0.49	1050	3.20	1.57	0.49	1081
32	18	2.94	2.97	1.01	808	2.81	2.84	1.01	848	2.70	2.73	1.01	889	2.60	2.63	1.01	929
32	20	3.06	2.73	0.89	848	2.94	2.61	0.89	899	2.85	2.54	0.89	919	2.75	2.45	0.89	960
32	22	3.19	2.45	0.77	879	3.08	2.37	0.77	934	3.00	2.31	0.77	960	2.88	2.21	0.77	1000
32	24	3.35	2.18	0.65	919	3.23	2.10	0.65	970	3.15	2.05	0.65	1000	3.05	1.98	0.65	1050
32	26	3.45	1.83	0.53	970	3.35	1.78	0.53	1020	3.30	1.75	0.53	1050	3.20	1.70	0.53	1081

PERFORMANCE DATA
COOLING operation(240V)
SLH-1AR
CAPACITY : 2.5 kW INPUT : 1010 W SHF : 0.75

		OUTDOOR D.B.(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	2.45	1.40	0.57	990	2.25	1.28	0.57	1050	2.08	1.18	0.57	1091
21	20	2.58	1.16	0.45	1030	2.40	1.08	0.45	1081	2.23	1.00	0.45	1141
22	18	2.45	1.49	0.61	990	2.25	1.37	0.61	1050	2.08	1.27	0.61	1091
22	20	2.58	1.26	0.49	1030	2.40	1.18	0.49	1081	2.23	1.09	0.49	1141
22	22	2.73	1.01	0.37	1071	2.55	0.94	0.37	1131	2.38	0.88	0.37	1172
23	18	2.45	1.59	0.65	990	2.25	1.46	0.65	1050	2.08	1.35	0.65	1091
23	20	2.58	1.36	0.53	1030	2.40	1.27	0.53	1081	2.23	1.18	0.53	1141
23	22	2.73	1.12	0.41	1071	2.55	1.05	0.41	1131	2.38	0.97	0.41	1172
24	18	2.45	1.69	0.69	990	2.25	1.55	0.69	1050	2.08	1.43	0.69	1091
24	20	2.58	1.47	0.57	1030	2.40	1.37	0.57	1081	2.23	1.27	0.57	1141
24	22	2.73	1.23	0.45	1071	2.55	1.15	0.45	1131	2.38	1.07	0.45	1172
24	24	2.88	0.95	0.33	1111	2.70	0.89	0.33	1162	2.55	0.84	0.33	1212
25	20	2.58	1.57	0.61	1030	2.40	1.46	0.61	1081	2.23	1.36	0.61	1141
25	22	2.73	1.34	0.49	1071	2.55	1.25	0.49	1131	2.38	1.16	0.49	1172
25	24	2.88	1.06	0.37	1111	2.70	1.00	0.37	1162	2.55	0.94	0.37	1212
26	18	2.45	1.89	0.77	990	2.25	1.73	0.77	1050	2.08	1.60	0.77	1091
26	20	2.58	1.67	0.65	1030	2.40	1.56	0.65	1081	2.23	1.45	0.65	1141
26	22	2.73	1.44	0.53	1071	2.55	1.35	0.53	1131	2.38	1.26	0.53	1172
26	24	2.88	1.18	0.41	1111	2.70	1.11	0.41	1162	2.55	1.05	0.41	1212
26	26	3.03	0.88	0.29	1151	2.85	0.83	0.29	1202	2.68	0.78	0.29	1252
27	18	2.45	1.98	0.81	990	2.25	1.82	0.81	1050	2.08	1.68	0.81	1091
27	20	2.58	1.78	0.69	1030	2.40	1.66	0.69	1081	2.23	1.54	0.69	1141
27	22	2.73	1.55	0.57	1071	2.55	1.45	0.57	1131	2.38	1.35	0.57	1172
27	24	2.88	1.29	0.45	1111	2.70	1.22	0.45	1162	2.55	1.15	0.45	1212
27	26	3.03	1.00	0.33	1151	2.85	0.94	0.33	1202	2.68	0.88	0.33	1252
28	18	2.45	2.08	0.85	990	2.25	1.91	0.85	1050	2.08	1.76	0.85	1091
28	20	2.58	1.88	0.73	1030	2.40	1.75	0.73	1081	2.23	1.62	0.73	1141
28	22	2.73	1.66	0.61	1071	2.55	1.56	0.61	1131	2.38	1.45	0.61	1172
28	24	2.88	1.41	0.49	1111	2.70	1.32	0.49	1162	2.55	1.25	0.49	1212
28	26	3.03	1.12	0.37	1151	2.85	1.05	0.37	1202	2.68	0.99	0.37	1252
29	18	2.45	2.18	0.89	990	2.25	2.00	0.89	1050	2.08	1.85	0.89	1091
29	20	2.58	1.98	0.77	1030	2.40	1.85	0.77	1081	2.23	1.71	0.77	1141
29	22	2.73	1.77	0.65	1071	2.55	1.66	0.65	1131	2.38	1.54	0.65	1172
29	24	2.88	1.52	0.53	1111	2.70	1.43	0.53	1162	2.55	1.35	0.53	1212
29	26	3.03	1.24	0.41	1151	2.85	1.17	0.41	1202	2.68	1.10	0.41	1252
30	18	2.45	2.28	0.93	990	2.25	2.09	0.93	1050	2.08	1.93	0.93	1091
30	20	2.58	2.09	0.81	1030	2.40	1.94	0.81	1081	2.23	1.80	0.81	1141
30	22	2.73	1.88	0.69	1071	2.55	1.76	0.69	1131	2.38	1.64	0.69	1172
30	24	2.88	1.64	0.57	1111	2.70	1.54	0.57	1162	2.55	1.45	0.57	1212
30	26	3.03	1.36	0.45	1151	2.85	1.28	0.45	1202	2.68	1.20	0.45	1252
31	18	2.45	2.38	0.97	990	2.25	2.18	0.97	1050	2.08	2.01	0.97	1091
31	20	2.58	2.19	0.85	1030	2.40	2.04	0.85	1081	2.23	1.89	0.85	1141
31	22	2.73	1.99	0.73	1071	2.55	1.86	0.73	1131	2.38	1.73	0.73	1172
31	24	2.88	1.75	0.61	1111	2.70	1.65	0.61	1162	2.55	1.56	0.61	1212
31	26	3.03	1.48	0.49	1151	2.85	1.40	0.49	1202	2.68	1.31	0.49	1252
32	18	2.45	2.47	1.01	990	2.25	2.27	1.01	1050	2.08	2.10	1.01	1091
32	20	2.58	2.29	0.89	1030	2.40	2.14	0.89	1081	2.23	1.98	0.89	1141
32	22	2.73	2.10	0.77	1071	2.55	1.96	0.77	1131	2.38	1.83	0.77	1172
32	24	2.88	1.87	0.65	1111	2.70	1.76	0.65	1162	2.55	1.66	0.65	1212
32	26	3.03	1.60	0.53	1151	2.85	1.51	0.53	1202	2.68	1.42	0.53	1252

PERFORMANCE DATA
COOLING operation(220V)
SLH-1.6AR
CAPACITY : 4.0 kW INPUT : 1600 W SHF : 0.69

		OUTDOOR D.B.(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4.70	2.40	0.51	1280	4.50	2.30	0.51	1344	4.32	2.20	0.51	1408	4.16	2.12	0.51	1472
21	20	4.90	1.91	0.39	1344	4.70	1.83	0.39	1424	4.56	1.78	0.39	1456	4.40	1.72	0.39	1520
22	18	4.70	2.59	0.55	1280	4.50	2.48	0.55	1344	4.32	2.38	0.55	1408	4.16	2.29	0.55	1472
22	20	4.90	2.11	0.43	1344	4.70	2.02	0.43	1424	4.56	1.96	0.43	1456	4.40	1.89	0.43	1520
22	22	5.10	1.58	0.31	1392	4.92	1.53	0.31	1480	4.80	1.49	0.31	1520	4.60	1.43	0.31	1584
23	18	4.70	2.77	0.59	1280	4.50	2.66	0.59	1344	4.32	2.55	0.59	1408	4.16	2.45	0.59	1472
23	20	4.90	2.30	0.47	1344	4.70	2.21	0.47	1424	4.56	2.14	0.47	1456	4.40	2.07	0.47	1520
23	22	5.10	1.79	0.35	1392	4.92	1.72	0.35	1480	4.80	1.68	0.35	1520	4.60	1.61	0.35	1584
24	18	4.70	2.96	0.63	1280	4.50	2.84	0.63	1344	4.32	2.72	0.63	1408	4.16	2.62	0.63	1472
24	20	4.90	2.50	0.51	1344	4.70	2.40	0.51	1424	4.56	2.33	0.51	1456	4.40	2.24	0.51	1520
24	22	5.10	1.99	0.39	1392	4.92	1.92	0.39	1480	4.80	1.87	0.39	1520	4.60	1.79	0.39	1584
24	24	5.36	1.45	0.27	1456	5.16	1.39	0.27	1536	5.04	1.36	0.27	1584	4.88	1.32	0.27	1664
25	20	4.90	2.70	0.55	1344	4.70	2.59	0.55	1424	4.56	2.51	0.55	1456	4.40	2.42	0.55	1520
25	22	5.10	2.19	0.43	1392	4.92	2.12	0.43	1480	4.80	2.06	0.43	1520	4.60	1.98	0.43	1584
25	24	5.36	1.66	0.31	1456	5.16	1.60	0.31	1536	5.04	1.56	0.31	1584	4.88	1.51	0.31	1664
26	18	4.70	3.34	0.71	1280	4.50	3.20	0.71	1344	4.32	3.07	0.71	1408	4.16	2.95	0.71	1472
26	20	4.90	2.89	0.59	1344	4.70	2.77	0.59	1424	4.56	2.69	0.59	1456	4.40	2.60	0.59	1520
26	22	5.10	2.40	0.47	1392	4.92	2.31	0.47	1480	4.80	2.26	0.47	1520	4.60	2.16	0.47	1584
26	24	5.36	1.88	0.35	1456	5.16	1.81	0.35	1536	5.04	1.76	0.35	1584	4.88	1.71	0.35	1664
26	26	5.52	1.27	0.23	1536	5.36	1.23	0.23	1616	5.28	1.21	0.23	1664	5.12	1.18	0.23	1712
27	18	4.70	3.53	0.75	1280	4.50	3.38	0.75	1344	4.32	3.24	0.75	1408	4.16	3.12	0.75	1472
27	20	4.90	3.09	0.63	1344	4.70	2.96	0.63	1424	4.56	2.87	0.63	1456	4.40	2.77	0.63	1520
27	22	5.10	2.60	0.51	1392	4.92	2.51	0.51	1480	4.80	2.45	0.51	1520	4.60	2.35	0.51	1584
27	24	5.36	2.09	0.39	1456	5.16	2.01	0.39	1536	5.04	1.97	0.39	1584	4.88	1.90	0.39	1664
27	26	5.52	1.49	0.27	1536	5.36	1.45	0.27	1616	5.28	1.43	0.27	1664	5.12	1.38	0.27	1712
28	18	4.70	3.71	0.79	1280	4.50	3.56	0.79	1344	4.32	3.41	0.79	1408	4.16	3.29	0.79	1472
28	20	4.90	3.28	0.67	1344	4.70	3.15	0.67	1424	4.56	3.06	0.67	1456	4.40	2.95	0.67	1520
28	22	5.10	2.81	0.55	1392	4.92	2.71	0.55	1480	4.80	2.64	0.55	1520	4.60	2.53	0.55	1584
28	24	5.36	2.30	0.43	1456	5.16	2.22	0.43	1536	5.04	2.17	0.43	1584	4.88	2.10	0.43	1664
28	26	5.52	1.71	0.31	1536	5.36	1.66	0.31	1616	5.28	1.64	0.31	1664	5.12	1.59	0.31	1712
29	18	4.70	3.90	0.83	1280	4.50	3.74	0.83	1344	4.32	3.59	0.83	1408	4.16	3.45	0.83	1472
29	20	4.90	3.48	0.71	1344	4.70	3.34	0.71	1424	4.56	3.24	0.71	1456	4.40	3.12	0.71	1520
29	22	5.10	3.01	0.59	1392	4.92	2.90	0.59	1480	4.80	2.83	0.59	1520	4.60	2.71	0.59	1584
29	24	5.36	2.52	0.47	1456	5.16	2.43	0.47	1536	5.04	2.37	0.47	1584	4.88	2.29	0.47	1664
29	26	5.52	1.93	0.35	1536	5.36	1.88	0.35	1616	5.28	1.85	0.35	1664	5.12	1.79	0.35	1712
30	18	4.70	4.09	0.87	1280	4.50	3.92	0.87	1344	4.32	3.76	0.87	1408	4.16	3.62	0.87	1472
30	20	4.90	3.68	0.75	1344	4.70	3.53	0.75	1424	4.56	3.42	0.75	1456	4.40	3.30	0.75	1520
30	22	5.10	3.21	0.63	1392	4.92	3.10	0.63	1480	4.80	3.02	0.63	1520	4.60	2.90	0.63	1584
30	24	5.36	2.73	0.51	1456	5.16	2.63	0.51	1536	5.04	2.57	0.51	1584	4.88	2.49	0.51	1664
30	26	5.52	2.15	0.39	1536	5.36	2.09	0.39	1616	5.28	2.06	0.39	1664	5.12	2.00	0.39	1712
31	18	4.70	4.28	0.91	1280	4.50	4.10	0.91	1344	4.32	3.93	0.91	1408	4.16	3.79	0.91	1472
31	20	4.90	3.87	0.79	1344	4.70	3.71	0.79	1424	4.56	3.60	0.79	1456	4.40	3.48	0.79	1520
31	22	5.10	3.42	0.67	1392	4.92	3.30	0.67	1480	4.80	3.22	0.67	1520	4.60	3.08	0.67	1584
31	24	5.36	2.95	0.55	1456	5.16	2.84	0.55	1536	5.04	2.77	0.55	1584	4.88	2.68	0.55	1664
31	26	5.52	2.37	0.43	1536	5.36	2.30	0.43	1616	5.28	2.27	0.43	1664	5.12	2.20	0.43	1712
32	18	4.70	4.47	0.95	1280	4.50	4.28	0.95	1344	4.32	4.10	0.95	1408	4.16	3.95	0.95	1472
32	20	4.90	4.07	0.83	1344	4.70	3.90	0.83	1424	4.56	3.78	0.83	1456	4.40	3.65	0.83	1520
32	22	5.10	3.62	0.71	1392	4.92	3.49	0.71	1480	4.80	3.41	0.71	1520	4.60	3.27	0.71	1584
32	24	5.36	3.16	0.59	1456	5.16	3.04	0.59	1536	5.04	2.97	0.59	1584	4.88	2.88	0.59	1664
32	26	5.52	2.59	0.47	1536	5.36	2.52	0.47	1616	5.28	2.48	0.47	1664	5.12	2.41	0.47	1712

PERFORMANCE DATA
COOLING operation(220V)
SLH-1.6AR
CAPACITY : 4.0 kW INPUT : 1600 W SHF : 0.69

		OUTDOOR D.B.(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	3.92	2.00	0.51	1568	3.60	1.84	0.51	1664	3.32	1.69	0.51	1728
21	20	4.12	1.61	0.39	1632	3.84	1.50	0.39	1712	3.56	1.39	0.39	1808
22	18	3.92	2.16	0.55	1568	3.60	1.98	0.55	1664	3.32	1.83	0.55	1728
22	20	4.12	1.77	0.43	1632	3.84	1.65	0.43	1712	3.56	1.53	0.43	1808
22	22	4.36	1.35	0.31	1696	4.08	1.26	0.31	1792	3.80	1.18	0.31	1856
23	18	3.92	2.31	0.59	1568	3.60	2.12	0.59	1664	3.32	1.96	0.59	1728
23	20	4.12	1.94	0.47	1632	3.84	1.80	0.47	1712	3.56	1.67	0.47	1808
23	22	4.36	1.53	0.35	1696	4.08	1.43	0.35	1792	3.80	1.33	0.35	1856
24	18	3.92	2.47	0.63	1568	3.60	2.27	0.63	1664	3.32	2.09	0.63	1728
24	20	4.12	2.10	0.51	1632	3.84	1.96	0.51	1712	3.56	1.82	0.51	1808
24	22	4.36	1.70	0.39	1696	4.08	1.59	0.39	1792	3.80	1.48	0.39	1856
24	24	4.60	1.24	0.27	1760	4.32	1.17	0.27	1840	4.08	1.10	0.27	1920
25	20	4.12	2.27	0.55	1632	3.84	2.11	0.55	1712	3.56	1.96	0.55	1808
25	22	4.36	1.87	0.43	1696	4.08	1.75	0.43	1792	3.80	1.63	0.43	1856
25	24	4.60	1.43	0.31	1760	4.32	1.34	0.31	1840	4.08	1.26	0.31	1920
26	18	3.92	2.78	0.71	1568	3.60	2.56	0.71	1664	3.32	2.36	0.71	1728
26	20	4.12	2.43	0.59	1632	3.84	2.27	0.59	1712	3.56	2.10	0.59	1808
26	22	4.36	2.05	0.47	1696	4.08	1.92	0.47	1792	3.80	1.79	0.47	1856
26	24	4.60	1.61	0.35	1760	4.32	1.51	0.35	1840	4.08	1.43	0.35	1920
26	26	4.84	1.11	0.23	1824	4.56	1.05	0.23	1904	4.28	0.98	0.23	1984
27	18	3.92	2.94	0.75	1568	3.60	2.70	0.75	1664	3.32	2.49	0.75	1728
27	20	4.12	2.60	0.63	1632	3.84	2.42	0.63	1712	3.56	2.24	0.63	1808
27	22	4.36	2.22	0.51	1696	4.08	2.08	0.51	1792	3.80	1.94	0.51	1856
27	24	4.60	1.79	0.39	1760	4.32	1.68	0.39	1840	4.08	1.59	0.39	1920
27	26	4.84	1.31	0.27	1824	4.56	1.23	0.27	1904	4.28	1.16	0.27	1984
28	18	3.92	3.10	0.79	1568	3.60	2.84	0.79	1664	3.32	2.62	0.79	1728
28	20	4.12	2.76	0.67	1632	3.84	2.57	0.67	1712	3.56	2.39	0.67	1808
28	22	4.36	2.40	0.55	1696	4.08	2.24	0.55	1792	3.80	2.09	0.55	1856
28	24	4.60	1.98	0.43	1760	4.32	1.86	0.43	1840	4.08	1.75	0.43	1920
28	26	4.84	1.50	0.31	1824	4.56	1.41	0.31	1904	4.28	1.33	0.31	1984
29	18	3.92	3.25	0.83	1568	3.60	2.99	0.83	1664	3.32	2.76	0.83	1728
29	20	4.12	2.93	0.71	1632	3.84	2.73	0.71	1712	3.56	2.53	0.71	1808
29	22	4.36	2.57	0.59	1696	4.08	2.41	0.59	1792	3.80	2.24	0.59	1856
29	24	4.60	2.16	0.47	1760	4.32	2.03	0.47	1840	4.08	1.92	0.47	1920
29	26	4.84	1.69	0.35	1824	4.56	1.60	0.35	1904	4.28	1.50	0.35	1984
30	18	3.92	3.41	0.87	1568	3.60	3.13	0.87	1664	3.32	2.89	0.87	1728
30	20	4.12	3.09	0.75	1632	3.84	2.88	0.75	1712	3.56	2.67	0.75	1808
30	22	4.36	2.75	0.63	1696	4.08	2.57	0.63	1792	3.80	2.39	0.63	1856
30	24	4.60	2.35	0.51	1760	4.32	2.20	0.51	1840	4.08	2.08	0.51	1920
30	26	4.84	1.89	0.39	1824	4.56	1.78	0.39	1904	4.28	1.67	0.39	1984
31	18	3.92	3.57	0.91	1568	3.60	3.28	0.91	1664	3.32	3.02	0.91	1728
31	20	4.12	3.25	0.79	1632	3.84	3.03	0.79	1712	3.56	2.81	0.79	1808
31	22	4.36	2.92	0.67	1696	4.08	2.73	0.67	1792	3.80	2.55	0.67	1856
31	24	4.60	2.53	0.55	1760	4.32	2.38	0.55	1840	4.08	2.24	0.55	1920
31	26	4.84	2.08	0.43	1824	4.56	1.96	0.43	1904	4.28	1.84	0.43	1984
32	18	3.92	3.72	0.95	1568	3.60	3.42	0.95	1664	3.32	3.15	0.95	1728
32	20	4.12	3.42	0.83	1632	3.84	3.19	0.83	1712	3.56	2.95	0.83	1808
32	22	4.36	3.10	0.71	1696	4.08	2.90	0.71	1792	3.80	2.70	0.71	1856
32	24	4.60	2.71	0.59	1760	4.32	2.55	0.59	1840	4.08	2.41	0.59	1920
32	26	4.84	2.27	0.47	1824	4.56	2.14	0.47	1904	4.28	2.01	0.47	1984

PERFORMANCE DATA
COOLING operation(240V)
SLH-1.6AR
CAPACITY : 4.1 kW INPUT : 1700 W SHF : 0.69

		OUTDOOR D.B.(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4.82	2.46	0.51	1360	4.61	2.35	0.51	1428	4.43	2.26	0.51	1496	4.26	2.17	0.51	1564
21	20	5.02	1.96	0.39	1428	4.82	1.88	0.39	1513	4.67	1.82	0.39	1547	4.51	1.76	0.39	1615
22	18	4.82	2.65	0.55	1360	4.61	2.54	0.55	1428	4.43	2.44	0.55	1496	4.26	2.35	0.55	1564
22	20	5.02	2.16	0.43	1428	4.82	2.07	0.43	1513	4.67	2.01	0.43	1547	4.51	1.94	0.43	1615
22	22	5.23	1.62	0.31	1479	5.04	1.56	0.31	1573	4.92	1.53	0.31	1615	4.72	1.46	0.31	1683
23	18	4.82	2.84	0.59	1360	4.61	2.72	0.59	1428	4.43	2.61	0.59	1496	4.26	2.52	0.59	1564
23	20	5.02	2.36	0.47	1428	4.82	2.26	0.47	1513	4.67	2.20	0.47	1547	4.51	2.12	0.47	1615
23	22	5.23	1.83	0.35	1479	5.04	1.77	0.35	1573	4.92	1.72	0.35	1615	4.72	1.65	0.35	1683
24	18	4.82	3.04	0.63	1360	4.61	2.91	0.63	1428	4.43	2.79	0.63	1496	4.26	2.69	0.63	1564
24	20	5.02	2.56	0.51	1428	4.82	2.46	0.51	1513	4.67	2.38	0.51	1547	4.51	2.30	0.51	1615
24	22	5.23	2.04	0.39	1479	5.04	1.97	0.39	1573	4.92	1.92	0.39	1615	4.72	1.84	0.39	1683
24	24	5.49	1.48	0.27	1547	5.29	1.43	0.27	1632	5.17	1.39	0.27	1683	5.00	1.35	0.27	1768
25	20	5.02	2.76	0.55	1428	4.82	2.65	0.55	1513	4.67	2.57	0.55	1547	4.51	2.48	0.55	1615
25	22	5.23	2.25	0.43	1479	5.04	2.17	0.43	1573	4.92	2.12	0.43	1615	4.72	2.03	0.43	1683
25	24	5.49	1.70	0.31	1547	5.29	1.64	0.31	1632	5.17	1.60	0.31	1683	5.00	1.55	0.31	1768
26	18	4.82	3.42	0.71	1360	4.61	3.27	0.71	1428	4.43	3.14	0.71	1496	4.26	3.03	0.71	1564
26	20	5.02	2.96	0.59	1428	4.82	2.84	0.59	1513	4.67	2.76	0.59	1547	4.51	2.66	0.59	1615
26	22	5.23	2.46	0.47	1479	5.04	2.37	0.47	1573	4.92	2.31	0.47	1615	4.72	2.22	0.47	1683
26	24	5.49	1.92	0.35	1547	5.29	1.85	0.35	1632	5.17	1.81	0.35	1683	5.00	1.75	0.35	1768
26	26	5.66	1.30	0.23	1632	5.49	1.26	0.23	1717	5.41	1.24	0.23	1768	5.25	1.21	0.23	1819
27	18	4.82	3.61	0.75	1360	4.61	3.46	0.75	1428	4.43	3.32	0.75	1496	4.26	3.20	0.75	1564
27	20	5.02	3.16	0.63	1428	4.82	3.04	0.63	1513	4.67	2.94	0.63	1547	4.51	2.84	0.63	1615
27	22	5.23	2.67	0.51	1479	5.04	2.57	0.51	1573	4.92	2.51	0.51	1615	4.72	2.40	0.51	1683
27	24	5.49	2.14	0.39	1547	5.29	2.06	0.39	1632	5.17	2.01	0.39	1683	5.00	1.95	0.39	1768
27	26	5.66	1.53	0.27	1632	5.49	1.48	0.27	1717	5.41	1.46	0.27	1768	5.25	1.42	0.27	1819
28	18	4.82	3.81	0.79	1360	4.61	3.64	0.79	1428	4.43	3.50	0.79	1496	4.26	3.37	0.79	1564
28	20	5.02	3.37	0.67	1428	4.82	3.23	0.67	1513	4.67	3.13	0.67	1547	4.51	3.02	0.67	1615
28	22	5.23	2.88	0.55	1479	5.04	2.77	0.55	1573	4.92	2.71	0.55	1615	4.72	2.59	0.55	1683
28	24	5.49	2.36	0.43	1547	5.29	2.27	0.43	1632	5.17	2.22	0.43	1683	5.00	2.15	0.43	1768
28	26	5.66	1.75	0.31	1632	5.49	1.70	0.31	1717	5.41	1.68	0.31	1768	5.25	1.63	0.31	1819
29	18	4.82	4.00	0.83	1360	4.61	3.83	0.83	1428	4.43	3.68	0.83	1496	4.26	3.54	0.83	1564
29	20	5.02	3.57	0.71	1428	4.82	3.42	0.71	1513	4.67	3.32	0.71	1547	4.51	3.20	0.71	1615
29	22	5.23	3.08	0.59	1479	5.04	2.98	0.59	1573	4.92	2.90	0.59	1615	4.72	2.78	0.59	1683
29	24	5.49	2.58	0.47	1547	5.29	2.49	0.47	1632	5.17	2.43	0.47	1683	5.00	2.35	0.47	1768
29	26	5.66	1.98	0.35	1632	5.49	1.92	0.35	1717	5.41	1.89	0.35	1768	5.25	1.84	0.35	1819
30	18	4.82	4.19	0.87	1360	4.61	4.01	0.87	1428	4.43	3.85	0.87	1496	4.26	3.71	0.87	1564
30	20	5.02	3.77	0.75	1428	4.82	3.61	0.75	1513	4.67	3.51	0.75	1547	4.51	3.38	0.75	1615
30	22	5.23	3.29	0.63	1479	5.04	3.18	0.63	1573	4.92	3.10	0.63	1615	4.72	2.97	0.63	1683
30	24	5.49	2.80	0.51	1547	5.29	2.70	0.51	1632	5.17	2.63	0.51	1683	5.00	2.55	0.51	1768
30	26	5.66	2.21	0.39	1632	5.49	2.14	0.39	1717	5.41	2.11	0.39	1768	5.25	2.05	0.39	1819
31	18	4.82	4.38	0.91	1360	4.61	4.20	0.91	1428	4.43	4.03	0.91	1496	4.26	3.88	0.91	1564
31	20	5.02	3.97	0.79	1428	4.82	3.81	0.79	1513	4.67	3.69	0.79	1547	4.51	3.56	0.79	1615
31	22	5.23	3.50	0.67	1479	5.04	3.38	0.67	1573	4.92	3.30	0.67	1615	4.72	3.16	0.67	1683
31	24	5.49	3.02	0.55	1547	5.29	2.91	0.55	1632	5.17	2.84	0.55	1683	5.00	2.75	0.55	1768
31	26	5.66	2.43	0.43	1632	5.49	2.36	0.43	1717	5.41	2.33	0.43	1768	5.25	2.26	0.43	1819
32	18	4.82	4.58	0.95	1360	4.61	4.38	0.95	1428	4.43	4.21	0.95	1496	4.26	4.05	0.95	1564
32	20	5.02	4.17	0.83	1428	4.82	4.00	0.83	1513	4.67	3.88	0.83	1547	4.51	3.74	0.83	1615
32	22	5.23	3.71	0.71	1479	5.04	3.58	0.71	1573	4.92	3.49	0.71	1615	4.72	3.35	0.71	1683
32	24	5.49	3.24	0.59	1547	5.29	3.12	0.59	1632	5.17	3.05	0.59	1683	5.00	2.95	0.59	1768
32	26	5.66	2.66	0.47	1632	5.49	2.58	0.47	1717	5.41	2.54	0.47	1768	5.25	2.47	0.47	1819

PERFORMANCE DATA
COOLING operation(240V)
SLH-1.6AR
CAPACITY : 4.1 kW INPUT : 1700 W SHF : 0.69

		OUTDOOR D.B.(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4.02	2.05	0.51	1666	3.69	1.88	0.51	1768	3.40	1.74	0.51	1836
21	20	4.22	1.65	0.39	1734	3.94	1.54	0.39	1819	3.65	1.42	0.39	1921
22	18	4.02	2.21	0.55	1666	3.69	2.03	0.55	1768	3.40	1.87	0.55	1836
22	20	4.22	1.82	0.43	1734	3.94	1.69	0.43	1819	3.65	1.57	0.43	1921
22	22	4.47	1.39	0.31	1802	4.18	1.30	0.31	1904	3.90	1.21	0.31	1972
23	18	4.02	2.37	0.59	1666	3.69	2.18	0.59	1768	3.40	2.01	0.59	1836
23	20	4.22	1.98	0.47	1734	3.94	1.85	0.47	1819	3.65	1.72	0.47	1921
23	22	4.47	1.56	0.35	1802	4.18	1.46	0.35	1904	3.90	1.36	0.35	1972
24	18	4.02	2.53	0.63	1666	3.69	2.32	0.63	1768	3.40	2.14	0.63	1836
24	20	4.22	2.15	0.51	1734	3.94	2.01	0.51	1819	3.65	1.86	0.51	1921
24	22	4.47	1.74	0.39	1802	4.18	1.63	0.39	1904	3.90	1.52	0.39	1972
24	24	4.72	1.27	0.27	1870	4.43	1.20	0.27	1955	4.18	1.13	0.27	2040
25	20	4.22	2.32	0.55	1734	3.94	2.16	0.55	1819	3.65	2.01	0.55	1921
25	22	4.47	1.92	0.43	1802	4.18	1.80	0.43	1904	3.90	1.67	0.43	1972
25	24	4.72	1.46	0.31	1870	4.43	1.37	0.31	1955	4.18	1.30	0.31	2040
26	18	4.02	2.85	0.71	1666	3.69	2.62	0.71	1768	3.40	2.42	0.71	1836
26	20	4.22	2.49	0.59	1734	3.94	2.32	0.59	1819	3.65	2.15	0.59	1921
26	22	4.47	2.10	0.47	1802	4.18	1.97	0.47	1904	3.90	1.83	0.47	1972
26	24	4.72	1.65	0.35	1870	4.43	1.55	0.35	1955	4.18	1.46	0.35	2040
26	26	4.96	1.14	0.23	1938	4.67	1.08	0.23	2023	4.39	1.01	0.23	2108
27	18	4.02	3.01	0.75	1666	3.69	2.77	0.75	1768	3.40	2.55	0.75	1836
27	20	4.22	2.66	0.63	1734	3.94	2.48	0.63	1819	3.65	2.30	0.63	1921
27	22	4.47	2.28	0.51	1802	4.18	2.13	0.51	1904	3.90	1.99	0.51	1972
27	24	4.72	1.84	0.39	1870	4.43	1.73	0.39	1955	4.18	1.63	0.39	2040
27	26	4.96	1.34	0.27	1938	4.67	1.26	0.27	2023	4.39	1.18	0.27	2108
28	18	4.02	3.17	0.79	1666	3.69	2.92	0.79	1768	3.40	2.69	0.79	1836
28	20	4.22	2.83	0.67	1734	3.94	2.64	0.67	1819	3.65	2.44	0.67	1921
28	22	4.47	2.46	0.55	1802	4.18	2.30	0.55	1904	3.90	2.14	0.55	1972
28	24	4.72	2.03	0.43	1870	4.43	1.90	0.43	1955	4.18	1.80	0.43	2040
28	26	4.96	1.54	0.31	1938	4.67	1.45	0.31	2023	4.39	1.36	0.31	2108
29	18	4.02	3.33	0.83	1666	3.69	3.06	0.83	1768	3.40	2.82	0.83	1836
29	20	4.22	3.00	0.71	1734	3.94	2.79	0.71	1819	3.65	2.59	0.71	1921
29	22	4.47	2.64	0.59	1802	4.18	2.47	0.59	1904	3.90	2.30	0.59	1972
29	24	4.72	2.22	0.47	1870	4.43	2.08	0.47	1955	4.18	1.97	0.47	2040
29	26	4.96	1.74	0.35	1938	4.67	1.64	0.35	2023	4.39	1.54	0.35	2108
30	18	4.02	3.50	0.87	1666	3.69	3.21	0.87	1768	3.40	2.96	0.87	1836
30	20	4.22	3.17	0.75	1734	3.94	2.95	0.75	1819	3.65	2.74	0.75	1921
30	22	4.47	2.82	0.63	1802	4.18	2.63	0.63	1904	3.90	2.45	0.63	1972
30	24	4.72	2.40	0.51	1870	4.43	2.26	0.51	1955	4.18	2.13	0.51	2040
30	26	4.96	1.93	0.39	1938	4.67	1.82	0.39	2023	4.39	1.71	0.39	2108
31	18	4.02	3.66	0.91	1666	3.69	3.36	0.91	1768	3.40	3.10	0.91	1836
31	20	4.22	3.34	0.79	1734	3.94	3.11	0.79	1819	3.65	2.88	0.79	1921
31	22	4.47	2.99	0.67	1802	4.18	2.80	0.67	1904	3.90	2.61	0.67	1972
31	24	4.72	2.59	0.55	1870	4.43	2.44	0.55	1955	4.18	2.30	0.55	2040
31	26	4.96	2.13	0.43	1938	4.67	2.01	0.43	2023	4.39	1.89	0.43	2108
32	18	4.02	3.82	0.95	1666	3.69	3.51	0.95	1768	3.40	3.23	0.95	1836
32	20	4.22	3.51	0.83	1734	3.94	3.27	0.83	1819	3.65	3.03	0.83	1921
32	22	4.47	3.17	0.71	1802	4.18	2.97	0.71	1904	3.90	2.77	0.71	1972
32	24	4.72	2.78	0.59	1870	4.43	2.61	0.59	1955	4.18	2.47	0.59	2040
32	26	4.96	2.33	0.47	1938	4.67	2.20	0.47	2023	4.39	2.06	0.47	2108

PERFORMANCE DATA
COOLING operation(220V)
SLH-2AR
CAPACITY : 5.0 kW INPUT : 2230 W SHF : 0.64

		OUTDOOR D.B.(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5.88	2.70	0.46	1784	5.63	2.59	0.46	1873	5.40	2.48	0.46	1962	5.20	2.39	0.46	2052
21	20	6.13	2.08	0.34	1873	5.88	2.00	0.34	1985	5.70	1.94	0.34	2029	5.50	1.87	0.34	2119
22	18	5.88	2.94	0.50	1784	5.63	2.81	0.50	1873	5.40	2.70	0.50	1962	5.20	2.60	0.50	2052
22	20	6.13	2.33	0.38	1873	5.88	2.23	0.38	1985	5.70	2.17	0.38	2029	5.50	2.09	0.38	2119
22	22	6.38	1.66	0.26	1940	6.15	1.60	0.26	2063	6.00	1.56	0.26	2119	5.75	1.50	0.26	2208
23	18	5.88	3.17	0.54	1784	5.63	3.04	0.54	1873	5.40	2.92	0.54	1962	5.20	2.81	0.54	2052
23	20	6.13	2.57	0.42	1873	5.88	2.47	0.42	1985	5.70	2.39	0.42	2029	5.50	2.31	0.42	2119
23	22	6.38	1.91	0.30	1940	6.15	1.85	0.30	2063	6.00	1.80	0.30	2119	5.75	1.73	0.30	2208
24	18	5.88	3.41	0.58	1784	5.63	3.26	0.58	1873	5.40	3.13	0.58	1962	5.20	3.02	0.58	2052
24	20	6.13	2.82	0.46	1873	5.88	2.70	0.46	1985	5.70	2.62	0.46	2029	5.50	2.53	0.46	2119
24	22	6.38	2.17	0.34	1940	6.15	2.09	0.34	2063	6.00	2.04	0.34	2119	5.75	1.96	0.34	2208
24	24	6.70	1.47	0.22	2029	6.45	1.42	0.22	2141	6.30	1.39	0.22	2208	6.10	1.34	0.22	2319
25	20	6.13	3.06	0.50	1873	5.88	2.94	0.50	1985	5.70	2.85	0.50	2029	5.50	2.75	0.50	2119
25	22	6.38	2.42	0.38	1940	6.15	2.34	0.38	2063	6.00	2.28	0.38	2119	5.75	2.19	0.38	2208
25	24	6.70	1.74	0.26	2029	6.45	1.68	0.26	2141	6.30	1.64	0.26	2208	6.10	1.59	0.26	2319
26	18	5.88	3.88	0.66	1784	5.63	3.71	0.66	1873	5.40	3.56	0.66	1962	5.20	3.43	0.66	2052
26	20	6.13	3.31	0.54	1873	5.88	3.17	0.54	1985	5.70	3.08	0.54	2029	5.50	2.97	0.54	2119
26	22	6.38	2.68	0.42	1940	6.15	2.58	0.42	2063	6.00	2.52	0.42	2119	5.75	2.42	0.42	2208
26	24	6.70	2.01	0.30	2029	6.45	1.94	0.30	2141	6.30	1.89	0.30	2208	6.10	1.83	0.30	2319
26	26	6.90	1.24	0.18	2141	6.70	1.21	0.18	2252	6.60	1.19	0.18	2319	6.40	1.15	0.18	2386
27	18	5.88	4.11	0.70	1784	5.63	3.94	0.70	1873	5.40	3.78	0.70	1962	5.20	3.64	0.70	2052
27	20	6.13	3.55	0.58	1873	5.88	3.41	0.58	1985	5.70	3.31	0.58	2029	5.50	3.19	0.58	2119
27	22	6.38	2.93	0.46	1940	6.15	2.83	0.46	2063	6.00	2.76	0.46	2119	5.75	2.65	0.46	2208
27	24	6.70	2.28	0.34	2029	6.45	2.19	0.34	2141	6.30	2.14	0.34	2208	6.10	2.07	0.34	2319
27	26	6.90	1.52	0.22	2141	6.70	1.47	0.22	2252	6.60	1.45	0.22	2319	6.40	1.41	0.22	2386
28	18	5.88	4.35	0.74	1784	5.63	4.16	0.74	1873	5.40	4.00	0.74	1962	5.20	3.85	0.74	2052
28	20	6.13	3.80	0.62	1873	5.88	3.64	0.62	1985	5.70	3.53	0.62	2029	5.50	3.41	0.62	2119
28	22	6.38	3.19	0.50	1940	6.15	3.08	0.50	2063	6.00	3.00	0.50	2119	5.75	2.88	0.50	2208
28	24	6.70	2.55	0.38	2029	6.45	2.45	0.38	2141	6.30	2.39	0.38	2208	6.10	2.32	0.38	2319
28	26	6.90	1.79	0.26	2141	6.70	1.74	0.26	2252	6.60	1.72	0.26	2319	6.40	1.66	0.26	2386
29	18	5.88	4.58	0.78	1784	5.63	4.39	0.78	1873	5.40	4.21	0.78	1962	5.20	4.06	0.78	2052
29	20	6.13	4.04	0.66	1873	5.88	3.88	0.66	1985	5.70	3.76	0.66	2029	5.50	3.63	0.66	2119
29	22	6.38	3.44	0.54	1940	6.15	3.32	0.54	2063	6.00	3.24	0.54	2119	5.75	3.11	0.54	2208
29	24	6.70	2.81	0.42	2029	6.45	2.71	0.42	2141	6.30	2.65	0.42	2208	6.10	2.56	0.42	2319
29	26	6.90	2.07	0.30	2141	6.70	2.01	0.30	2252	6.60	1.98	0.30	2319	6.40	1.92	0.30	2386
30	18	5.88	4.82	0.82	1784	5.63	4.61	0.82	1873	5.40	4.43	0.82	1962	5.20	4.26	0.82	2052
30	20	6.13	4.29	0.70	1873	5.88	4.11	0.70	1985	5.70	3.99	0.70	2029	5.50	3.85	0.70	2119
30	22	6.38	3.70	0.58	1940	6.15	3.57	0.58	2063	6.00	3.48	0.58	2119	5.75	3.34	0.58	2208
30	24	6.70	3.08	0.46	2029	6.45	2.97	0.46	2141	6.30	2.90	0.46	2208	6.10	2.81	0.46	2319
30	26	6.90	2.35	0.34	2141	6.70	2.28	0.34	2252	6.60	2.24	0.34	2319	6.40	2.18	0.34	2386
31	18	5.88	5.05	0.86	1784	5.63	4.84	0.86	1873	5.40	4.64	0.86	1962	5.20	4.47	0.86	2052
31	20	6.13	4.53	0.74	1873	5.88	4.35	0.74	1985	5.70	4.22	0.74	2029	5.50	4.07	0.74	2119
31	22	6.38	3.95	0.62	1940	6.15	3.81	0.62	2063	6.00	3.72	0.62	2119	5.75	3.57	0.62	2208
31	24	6.70	3.35	0.50	2029	6.45	3.23	0.50	2141	6.30	3.15	0.50	2208	6.10	3.05	0.50	2319
31	26	6.90	2.62	0.38	2141	6.70	2.55	0.38	2252	6.60	2.51	0.38	2319	6.40	2.43	0.38	2386
32	18	5.88	5.29	0.90	1784	5.63	5.06	0.90	1873	5.40	4.86	0.90	1962	5.20	4.68	0.90	2052
32	20	6.13	4.78	0.78	1873	5.88	4.58	0.78	1985	5.70	4.45	0.78	2029	5.50	4.29	0.78	2119
32	22	6.38	4.21	0.66	1940	6.15	4.06	0.66	2063	6.00	3.96	0.66	2119	5.75	3.80	0.66	2208
32	24	6.70	3.62	0.54	2029	6.45	3.48	0.54	2141	6.30	3.40	0.54	2208	6.10	3.29	0.54	2319
32	26	6.90	2.90	0.42	2141	6.70	2.81	0.42	2252	6.60	2.77	0.42	2319	6.40	2.69	0.42	2386

PERFORMANCE DATA
COOLING operation(220V)
SLH-2AR

CAPACITY : 5.0 kW INPUT : 2230 W SHF : 0.64

		OUTDOOR D.B.(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4.90	2.25	0.46	2185	4.50	2.07	0.46	2319	4.15	1.91	0.46	2408
21	20	5.15	1.75	0.34	2275	4.80	1.63	0.34	2386	4.45	1.51	0.34	2520
22	18	4.90	2.45	0.50	2185	4.50	2.25	0.50	2319	4.15	2.08	0.50	2408
22	20	5.15	1.96	0.38	2275	4.80	1.82	0.38	2386	4.45	1.69	0.38	2520
22	22	5.45	1.42	0.26	2364	5.10	1.33	0.26	2498	4.75	1.24	0.26	2587
23	18	4.90	2.65	0.54	2185	4.50	2.43	0.54	2319	4.15	2.24	0.54	2408
23	20	5.15	2.16	0.42	2275	4.80	2.02	0.42	2386	4.45	1.87	0.42	2520
23	22	5.45	1.64	0.30	2364	5.10	1.53	0.30	2498	4.75	1.43	0.30	2587
24	18	4.90	2.84	0.58	2185	4.50	2.61	0.58	2319	4.15	2.41	0.58	2408
24	20	5.15	2.37	0.46	2275	4.80	2.21	0.46	2386	4.45	2.05	0.46	2520
24	22	5.45	1.85	0.34	2364	5.10	1.73	0.34	2498	4.75	1.62	0.34	2587
24	24	5.75	1.27	0.22	2453	5.40	1.19	0.22	2565	5.10	1.12	0.22	2676
25	20	5.15	2.58	0.50	2275	4.80	2.40	0.50	2386	4.45	2.23	0.50	2520
25	22	5.45	2.07	0.38	2364	5.10	1.94	0.38	2498	4.75	1.81	0.38	2587
25	24	5.75	1.50	0.26	2453	5.40	1.40	0.26	2565	5.10	1.33	0.26	2676
26	18	4.90	3.23	0.66	2185	4.50	2.97	0.66	2319	4.15	2.74	0.66	2408
26	20	5.15	2.78	0.54	2275	4.80	2.59	0.54	2386	4.45	2.40	0.54	2520
26	22	5.45	2.29	0.42	2364	5.10	2.14	0.42	2498	4.75	2.00	0.42	2587
26	24	5.75	1.73	0.30	2453	5.40	1.62	0.30	2565	5.10	1.53	0.30	2676
26	26	6.05	1.09	0.18	2542	5.70	1.03	0.18	2654	5.35	0.96	0.18	2765
27	18	4.90	3.43	0.70	2185	4.50	3.15	0.70	2319	4.15	2.91	0.70	2408
27	20	5.15	2.99	0.58	2275	4.80	2.78	0.58	2386	4.45	2.58	0.58	2520
27	22	5.45	2.51	0.46	2364	5.10	2.35	0.46	2498	4.75	2.19	0.46	2587
27	24	5.75	1.96	0.34	2453	5.40	1.84	0.34	2565	5.10	1.73	0.34	2676
27	26	6.05	1.33	0.22	2542	5.70	1.25	0.22	2654	5.35	1.18	0.22	2765
28	18	4.90	3.63	0.74	2185	4.50	3.33	0.74	2319	4.15	3.07	0.74	2408
28	20	5.15	3.19	0.62	2275	4.80	2.98	0.62	2386	4.45	2.76	0.62	2520
28	22	5.45	2.73	0.50	2364	5.10	2.55	0.50	2498	4.75	2.38	0.50	2587
28	24	5.75	2.19	0.38	2453	5.40	2.05	0.38	2565	5.10	1.94	0.38	2676
28	26	6.05	1.57	0.26	2542	5.70	1.48	0.26	2654	5.35	1.39	0.26	2765
29	18	4.90	3.82	0.78	2185	4.50	3.51	0.78	2319	4.15	3.24	0.78	2408
29	20	5.15	3.40	0.66	2275	4.80	3.17	0.66	2386	4.45	2.94	0.66	2520
29	22	5.45	2.94	0.54	2364	5.10	2.75	0.54	2498	4.75	2.57	0.54	2587
29	24	5.75	2.42	0.42	2453	5.40	2.27	0.42	2565	5.10	2.14	0.42	2676
29	26	6.05	1.82	0.30	2542	5.70	1.71	0.30	2654	5.35	1.61	0.30	2765
30	18	4.90	4.02	0.82	2185	4.50	3.69	0.82	2319	4.15	3.40	0.82	2408
30	20	5.15	3.61	0.70	2275	4.80	3.36	0.70	2386	4.45	3.12	0.70	2520
30	22	5.45	3.16	0.58	2364	5.10	2.96	0.58	2498	4.75	2.76	0.58	2587
30	24	5.75	2.65	0.46	2453	5.40	2.48	0.46	2565	5.10	2.35	0.46	2676
30	26	6.05	2.06	0.34	2542	5.70	1.94	0.34	2654	5.35	1.82	0.34	2765
31	18	4.90	4.21	0.86	2185	4.50	3.87	0.86	2319	4.15	3.57	0.86	2408
31	20	5.15	3.81	0.74	2275	4.80	3.55	0.74	2386	4.45	3.29	0.74	2520
31	22	5.45	3.38	0.62	2364	5.10	3.16	0.62	2498	4.75	2.95	0.62	2587
31	24	5.75	2.88	0.50	2453	5.40	2.70	0.50	2565	5.10	2.55	0.50	2676
31	26	6.05	2.30	0.38	2542	5.70	2.17	0.38	2654	5.35	2.03	0.38	2765
32	18	4.90	4.41	0.90	2185	4.50	4.05	0.90	2319	4.15	3.74	0.90	2408
32	20	5.15	4.02	0.78	2275	4.80	3.74	0.78	2386	4.45	3.47	0.78	2520
32	22	5.45	3.60	0.66	2364	5.10	3.37	0.66	2498	4.75	3.14	0.66	2587
32	24	5.75	3.11	0.54	2453	5.40	2.92	0.54	2565	5.10	2.75	0.54	2676
32	26	6.05	2.54	0.42	2542	5.70	2.39	0.42	2654	5.35	2.25	0.42	2765

PERFORMANCE DATA
COOLING operation(240V)
SLH-2AR
CAPACITY : 5.1 kW INPUT : 2310 W SHF : 0.64

		OUTDOOR D.B.(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5.99	2.76	0.46	1848	5.74	2.64	0.46	1940	5.51	2.53	0.46	2033	5.30	2.44	0.46	2125
21	20	6.25	2.12	0.34	1940	5.99	2.04	0.34	2056	5.81	1.98	0.34	2102	5.61	1.91	0.34	2195
22	18	5.99	3.00	0.50	1848	5.74	2.87	0.50	1940	5.51	2.75	0.50	2033	5.30	2.65	0.50	2125
22	20	6.25	2.37	0.38	1940	5.99	2.28	0.38	2056	5.81	2.21	0.38	2102	5.61	2.13	0.38	2195
22	22	6.50	1.69	0.26	2010	6.27	1.63	0.26	2137	6.12	1.59	0.26	2195	5.87	1.52	0.26	2287
23	18	5.99	3.24	0.54	1848	5.74	3.10	0.54	1940	5.51	2.97	0.54	2033	5.30	2.86	0.54	2125
23	20	6.25	2.62	0.42	1940	5.99	2.52	0.42	2056	5.81	2.44	0.42	2102	5.61	2.36	0.42	2195
23	22	6.50	1.95	0.30	2010	6.27	1.88	0.30	2137	6.12	1.84	0.30	2195	5.87	1.76	0.30	2287
24	18	5.99	3.48	0.58	1848	5.74	3.33	0.58	1940	5.51	3.19	0.58	2033	5.30	3.08	0.58	2125
24	20	6.25	2.87	0.46	1940	5.99	2.76	0.46	2056	5.81	2.67	0.46	2102	5.61	2.58	0.46	2195
24	22	6.50	2.21	0.34	2010	6.27	2.13	0.34	2137	6.12	2.08	0.34	2195	5.87	1.99	0.34	2287
24	24	6.83	1.50	0.22	2102	6.58	1.45	0.22	2218	6.43	1.41	0.22	2287	6.22	1.37	0.22	2402
25	20	6.25	3.12	0.50	1940	5.99	3.00	0.50	2056	5.81	2.91	0.50	2102	5.61	2.81	0.50	2195
25	22	6.50	2.47	0.38	2010	6.27	2.38	0.38	2137	6.12	2.33	0.38	2195	5.87	2.23	0.38	2287
25	24	6.83	1.78	0.26	2102	6.58	1.71	0.26	2218	6.43	1.67	0.26	2287	6.22	1.62	0.26	2402
26	18	5.99	3.96	0.66	1848	5.74	3.79	0.66	1940	5.51	3.64	0.66	2033	5.30	3.50	0.66	2125
26	20	6.25	3.37	0.54	1940	5.99	3.24	0.54	2056	5.81	3.14	0.54	2102	5.61	3.03	0.54	2195
26	22	6.50	2.73	0.42	2010	6.27	2.63	0.42	2137	6.12	2.57	0.42	2195	5.87	2.46	0.42	2287
26	24	6.83	2.05	0.30	2102	6.58	1.97	0.30	2218	6.43	1.93	0.30	2287	6.22	1.87	0.30	2402
26	26	7.04	1.27	0.18	2218	6.83	1.23	0.18	2333	6.73	1.21	0.18	2402	6.53	1.18	0.18	2472
27	18	5.99	4.19	0.70	1848	5.74	4.02	0.70	1940	5.51	3.86	0.70	2033	5.30	3.71	0.70	2125
27	20	6.25	3.62	0.58	1940	5.99	3.48	0.58	2056	5.81	3.37	0.58	2102	5.61	3.25	0.58	2195
27	22	6.50	2.99	0.46	2010	6.27	2.89	0.46	2137	6.12	2.82	0.46	2195	5.87	2.70	0.46	2287
27	24	6.83	2.32	0.34	2102	6.58	2.24	0.34	2218	6.43	2.18	0.34	2287	6.22	2.12	0.34	2402
27	26	7.04	1.55	0.22	2218	6.83	1.50	0.22	2333	6.73	1.48	0.22	2402	6.53	1.44	0.22	2472
28	18	5.99	4.43	0.74	1848	5.74	4.25	0.74	1940	5.51	4.08	0.74	2033	5.30	3.92	0.74	2125
28	20	6.25	3.87	0.62	1940	5.99	3.72	0.62	2056	5.81	3.60	0.62	2102	5.61	3.48	0.62	2195
28	22	6.50	3.25	0.50	2010	6.27	3.14	0.50	2137	6.12	3.06	0.50	2195	5.87	2.93	0.50	2287
28	24	6.83	2.60	0.38	2102	6.58	2.50	0.38	2218	6.43	2.44	0.38	2287	6.22	2.36	0.38	2402
28	26	7.04	1.83	0.26	2218	6.83	1.78	0.26	2333	6.73	1.75	0.26	2402	6.53	1.70	0.26	2472
29	18	5.99	4.67	0.78	1848	5.74	4.48	0.78	1940	5.51	4.30	0.78	2033	5.30	4.14	0.78	2125
29	20	6.25	4.12	0.66	1940	5.99	3.96	0.66	2056	5.81	3.84	0.66	2102	5.61	3.70	0.66	2195
29	22	6.50	3.51	0.54	2010	6.27	3.39	0.54	2137	6.12	3.30	0.54	2195	5.87	3.17	0.54	2287
29	24	6.83	2.87	0.42	2102	6.58	2.76	0.42	2218	6.43	2.70	0.42	2287	6.22	2.61	0.42	2402
29	26	7.04	2.11	0.30	2218	6.83	2.05	0.30	2333	6.73	2.02	0.30	2402	6.53	1.96	0.30	2472
30	18	5.99	4.91	0.82	1848	5.74	4.70	0.82	1940	5.51	4.52	0.82	2033	5.30	4.35	0.82	2125
30	20	6.25	4.37	0.70	1940	5.99	4.19	0.70	2056	5.81	4.07	0.70	2102	5.61	3.93	0.70	2195
30	22	6.50	3.77	0.58	2010	6.27	3.64	0.58	2137	6.12	3.55	0.58	2195	5.87	3.40	0.58	2287
30	24	6.83	3.14	0.46	2102	6.58	3.03	0.46	2218	6.43	2.96	0.46	2287	6.22	2.86	0.46	2402
30	26	7.04	2.39	0.34	2218	6.83	2.32	0.34	2333	6.73	2.29	0.34	2402	6.53	2.22	0.34	2472
31	18	5.99	5.15	0.86	1848	5.74	4.93	0.86	1940	5.51	4.74	0.86	2033	5.30	4.56	0.86	2125
31	20	6.25	4.62	0.74	1940	5.99	4.43	0.74	2056	5.81	4.30	0.74	2102	5.61	4.15	0.74	2195
31	22	6.50	4.03	0.62	2010	6.27	3.89	0.62	2137	6.12	3.79	0.62	2195	5.87	3.64	0.62	2287
31	24	6.83	3.42	0.50	2102	6.58	3.29	0.50	2218	6.43	3.21	0.50	2287	6.22	3.11	0.50	2402
31	26	7.04	2.67	0.38	2218	6.83	2.60	0.38	2333	6.73	2.56	0.38	2402	6.53	2.48	0.38	2472
32	18	5.99	5.39	0.90	1848	5.74	5.16	0.90	1940	5.51	4.96	0.90	2033	5.30	4.77	0.90	2125
32	20	6.25	4.87	0.78	1940	5.99	4.67	0.78	2056	5.81	4.53	0.78	2102	5.61	4.38	0.78	2195
32	22	6.50	4.29	0.66	2010	6.27	4.14	0.66	2137	6.12	4.04	0.66	2195	5.87	3.87	0.66	2287
32	24	6.83	3.69	0.54	2102	6.58	3.55	0.54	2218	6.43	3.47	0.54	2287	6.22	3.36	0.54	2402
32	26	7.04	2.96	0.42	2218	6.83	2.87	0.42	2333	6.73	2.83	0.42	2402	6.53	2.74	0.42	2472

PERFORMANCE DATA
COOLING operation(240V)
SLH-2AR
CAPACITY : 5.1 kW INPUT : 2310 W SHF : 0.64

		OUTDOOR D.B.(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5.00	2.30	0.46	2264	4.59	2.11	0.46	2402	4.23	1.95	0.46	2495
21	20	5.25	1.79	0.34	2356	4.90	1.66	0.34	2472	4.54	1.54	0.34	2610
22	18	5.00	2.50	0.50	2264	4.59	2.30	0.50	2402	4.23	2.12	0.50	2495
22	20	5.25	2.00	0.38	2356	4.90	1.86	0.38	2472	4.54	1.72	0.38	2610
22	22	5.56	1.45	0.26	2449	5.20	1.35	0.26	2587	4.85	1.26	0.26	2680
23	18	5.00	2.70	0.54	2264	4.59	2.48	0.54	2402	4.23	2.29	0.54	2495
23	20	5.25	2.21	0.42	2356	4.90	2.06	0.42	2472	4.54	1.91	0.42	2610
23	22	5.56	1.67	0.30	2449	5.20	1.56	0.30	2587	4.85	1.45	0.30	2680
24	18	5.00	2.90	0.58	2264	4.59	2.66	0.58	2402	4.23	2.46	0.58	2495
24	20	5.25	2.42	0.46	2356	4.90	2.25	0.46	2472	4.54	2.09	0.46	2610
24	22	5.56	1.89	0.34	2449	5.20	1.77	0.34	2587	4.85	1.65	0.34	2680
24	24	5.87	1.29	0.22	2541	5.51	1.21	0.22	2657	5.20	1.14	0.22	2772
25	20	5.25	2.63	0.50	2356	4.90	2.45	0.50	2472	4.54	2.27	0.50	2610
25	22	5.56	2.11	0.38	2449	5.20	1.98	0.38	2587	4.85	1.84	0.38	2680
25	24	5.87	1.52	0.26	2541	5.51	1.43	0.26	2657	5.20	1.35	0.26	2772
26	18	5.00	3.30	0.66	2264	4.59	3.03	0.66	2402	4.23	2.79	0.66	2495
26	20	5.25	2.84	0.54	2356	4.90	2.64	0.54	2472	4.54	2.45	0.54	2610
26	22	5.56	2.33	0.42	2449	5.20	2.18	0.42	2587	4.85	2.03	0.42	2680
26	24	5.87	1.76	0.30	2541	5.51	1.65	0.30	2657	5.20	1.56	0.30	2772
26	26	6.17	1.11	0.18	2633	5.81	1.05	0.18	2749	5.46	0.98	0.18	2864
27	18	5.00	3.50	0.70	2264	4.59	3.21	0.70	2402	4.23	2.96	0.70	2495
27	20	5.25	3.05	0.58	2356	4.90	2.84	0.58	2472	4.54	2.63	0.58	2610
27	22	5.56	2.56	0.46	2449	5.20	2.39	0.46	2587	4.85	2.23	0.46	2680
27	24	5.87	1.99	0.34	2541	5.51	1.87	0.34	2657	5.20	1.77	0.34	2772
27	26	6.17	1.36	0.22	2633	5.81	1.28	0.22	2749	5.46	1.20	0.22	2864
28	18	5.00	3.70	0.74	2264	4.59	3.40	0.74	2402	4.23	3.13	0.74	2495
28	20	5.25	3.26	0.62	2356	4.90	3.04	0.62	2472	4.54	2.81	0.62	2610
28	22	5.56	2.78	0.50	2449	5.20	2.60	0.50	2587	4.85	2.42	0.50	2680
28	24	5.87	2.23	0.38	2541	5.51	2.09	0.38	2657	5.20	1.98	0.38	2772
28	26	6.17	1.60	0.26	2633	5.81	1.51	0.26	2749	5.46	1.42	0.26	2864
29	18	5.00	3.90	0.78	2264	4.59	3.58	0.78	2402	4.23	3.30	0.78	2495
29	20	5.25	3.47	0.66	2356	4.90	3.23	0.66	2472	4.54	3.00	0.66	2610
29	22	5.56	3.00	0.54	2449	5.20	2.81	0.54	2587	4.85	2.62	0.54	2680
29	24	5.87	2.46	0.42	2541	5.51	2.31	0.42	2657	5.20	2.18	0.42	2772
29	26	6.17	1.85	0.30	2633	5.81	1.74	0.30	2749	5.46	1.64	0.30	2864
30	18	5.00	4.10	0.82	2264	4.59	3.76	0.82	2402	4.23	3.47	0.82	2495
30	20	5.25	3.68	0.70	2356	4.90	3.43	0.70	2472	4.54	3.18	0.70	2610
30	22	5.56	3.22	0.58	2449	5.20	3.02	0.58	2587	4.85	2.81	0.58	2680
30	24	5.87	2.70	0.46	2541	5.51	2.53	0.46	2657	5.20	2.39	0.46	2772
30	26	6.17	2.10	0.34	2633	5.81	1.98	0.34	2749	5.46	1.86	0.34	2864
31	18	5.00	4.30	0.86	2264	4.59	3.95	0.86	2402	4.23	3.64	0.86	2495
31	20	5.25	3.89	0.74	2356	4.90	3.62	0.74	2472	4.54	3.36	0.74	2610
31	22	5.56	3.45	0.62	2449	5.20	3.23	0.62	2587	4.85	3.00	0.62	2680
31	24	5.87	2.93	0.50	2541	5.51	2.75	0.50	2657	5.20	2.60	0.50	2772
31	26	6.17	2.34	0.38	2633	5.81	2.21	0.38	2749	5.46	2.07	0.38	2864
32	18	5.00	4.50	0.90	2264	4.59	4.13	0.90	2402	4.23	3.81	0.90	2495
32	20	5.25	4.10	0.78	2356	4.90	3.82	0.78	2472	4.54	3.54	0.78	2610
32	22	5.56	3.67	0.66	2449	5.20	3.43	0.66	2587	4.85	3.20	0.66	2680
32	24	5.87	3.17	0.54	2541	5.51	2.97	0.54	2657	5.20	2.81	0.54	2772
32	26	6.17	2.59	0.42	2633	5.81	2.44	0.42	2749	5.46	2.29	0.42	2864

PERFORMANCE DATA
COOLING operation(220V)
SL-1AR
CAPACITY : 2.6 kW INPUT : 990 W SHF : 0.73

		OUTDOOR D.B.(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	3.06	1.68	0.55	792	2.93	1.61	0.55	832	2.81	1.54	0.55	871	2.70	1.49	0.55	911
21	20	3.19	1.37	0.43	832	3.06	1.31	0.43	881	2.96	1.27	0.43	901	2.86	1.23	0.43	941
22	18	3.06	1.80	0.59	792	2.93	1.73	0.59	832	2.81	1.66	0.59	871	2.70	1.60	0.59	911
22	20	3.19	1.50	0.47	832	3.06	1.44	0.47	881	2.96	1.39	0.47	901	2.86	1.34	0.47	941
22	22	3.32	1.16	0.35	861	3.20	1.12	0.35	916	3.12	1.09	0.35	941	2.99	1.05	0.35	980
23	18	3.06	1.92	0.63	792	2.93	1.84	0.63	832	2.81	1.77	0.63	871	2.70	1.70	0.63	911
23	20	3.19	1.62	0.51	832	3.06	1.56	0.51	881	2.96	1.51	0.51	901	2.86	1.46	0.51	941
23	22	3.32	1.29	0.39	861	3.20	1.25	0.39	916	3.12	1.22	0.39	941	2.99	1.17	0.39	980
24	18	3.06	2.05	0.67	792	2.93	1.96	0.67	832	2.81	1.88	0.67	871	2.70	1.81	0.67	911
24	20	3.19	1.75	0.55	832	3.06	1.68	0.55	881	2.96	1.63	0.55	901	2.86	1.57	0.55	941
24	22	3.32	1.43	0.43	861	3.20	1.38	0.43	916	3.12	1.34	0.43	941	2.99	1.29	0.43	980
24	24	3.48	1.08	0.31	901	3.35	1.04	0.31	950	3.28	1.02	0.31	980	3.17	0.98	0.31	1030
25	20	3.19	1.88	0.59	832	3.06	1.80	0.59	881	2.96	1.75	0.59	901	2.86	1.69	0.59	941
25	22	3.32	1.56	0.47	861	3.20	1.50	0.47	916	3.12	1.47	0.47	941	2.99	1.41	0.47	980
25	24	3.48	1.22	0.35	901	3.35	1.17	0.35	950	3.28	1.15	0.35	980	3.17	1.11	0.35	1030
26	18	3.06	2.29	0.75	792	2.93	2.19	0.75	832	2.81	2.11	0.75	871	2.70	2.03	0.75	911
26	20	3.19	2.01	0.63	832	3.06	1.92	0.63	881	2.96	1.87	0.63	901	2.86	1.80	0.63	941
26	22	3.32	1.69	0.51	861	3.20	1.63	0.51	916	3.12	1.59	0.51	941	2.99	1.52	0.51	980
26	24	3.48	1.36	0.39	901	3.35	1.31	0.39	950	3.28	1.28	0.39	980	3.17	1.24	0.39	1030
26	26	3.59	0.97	0.27	950	3.48	0.94	0.27	1000	3.43	0.93	0.27	1030	3.33	0.90	0.27	1059
27	18	3.06	2.41	0.79	792	2.93	2.31	0.79	832	2.81	2.22	0.79	871	2.70	2.14	0.79	911
27	20	3.19	2.13	0.67	832	3.06	2.05	0.67	881	2.96	1.99	0.67	901	2.86	1.92	0.67	941
27	22	3.32	1.82	0.55	861	3.20	1.76	0.55	916	3.12	1.72	0.55	941	2.99	1.64	0.55	980
27	24	3.48	1.50	0.43	901	3.35	1.44	0.43	950	3.28	1.41	0.43	980	3.17	1.36	0.43	1030
27	26	3.59	1.11	0.31	950	3.48	1.08	0.31	1000	3.43	1.06	0.31	1030	3.33	1.03	0.31	1059
28	18	3.06	2.54	0.83	792	2.93	2.43	0.83	832	2.81	2.33	0.83	871	2.70	2.24	0.83	911
28	20	3.19	2.26	0.71	832	3.06	2.17	0.71	881	2.96	2.10	0.71	901	2.86	2.03	0.71	941
28	22	3.32	1.96	0.59	861	3.20	1.89	0.59	916	3.12	1.84	0.59	941	2.99	1.76	0.59	980
28	24	3.48	1.64	0.47	901	3.35	1.58	0.47	950	3.28	1.54	0.47	980	3.17	1.49	0.47	1030
28	26	3.59	1.26	0.35	950	3.48	1.22	0.35	1000	3.43	1.20	0.35	1030	3.33	1.16	0.35	1059
29	18	3.06	2.66	0.87	792	2.93	2.54	0.87	832	2.81	2.44	0.87	871	2.70	2.35	0.87	911
29	20	3.19	2.39	0.75	832	3.06	2.29	0.75	881	2.96	2.22	0.75	901	2.86	2.15	0.75	941
29	22	3.32	2.09	0.63	861	3.20	2.01	0.63	916	3.12	1.97	0.63	941	2.99	1.88	0.63	980
29	24	3.48	1.78	0.51	901	3.35	1.71	0.51	950	3.28	1.67	0.51	980	3.17	1.62	0.51	1030
29	26	3.59	1.40	0.39	950	3.48	1.36	0.39	1000	3.43	1.34	0.39	1030	3.33	1.30	0.39	1059
30	18	3.06	2.78	0.91	792	2.93	2.66	0.91	832	2.81	2.56	0.91	871	2.70	2.46	0.91	911
30	20	3.19	2.52	0.79	832	3.06	2.41	0.79	881	2.96	2.34	0.79	901	2.86	2.26	0.79	941
30	22	3.32	2.22	0.67	861	3.20	2.14	0.67	916	3.12	2.09	0.67	941	2.99	2.00	0.67	980
30	24	3.48	1.92	0.55	901	3.35	1.84	0.55	950	3.28	1.80	0.55	980	3.17	1.74	0.55	1030
30	26	3.59	1.54	0.43	950	3.48	1.50	0.43	1000	3.43	1.48	0.43	1030	3.33	1.43	0.43	1059
31	18	3.06	2.90	0.95	792	2.93	2.78	0.95	832	2.81	2.67	0.95	871	2.70	2.57	0.95	911
31	20	3.19	2.64	0.83	832	3.06	2.54	0.83	881	2.96	2.46	0.83	901	2.86	2.37	0.83	941
31	22	3.32	2.35	0.71	861	3.20	2.27	0.71	916	3.12	2.22	0.71	941	2.99	2.12	0.71	980
31	24	3.48	2.06	0.59	901	3.35	1.98	0.59	950	3.28	1.93	0.59	980	3.17	1.87	0.59	1030
31	26	3.59	1.69	0.47	950	3.48	1.64	0.47	1000	3.43	1.61	0.47	1030	3.33	1.56	0.47	1059
32	18	3.06	3.02	0.99	792	2.93	2.90	0.99	832	2.81	2.78	0.99	871	2.70	2.68	0.99	911
32	20	3.19	2.77	0.87	832	3.06	2.66	0.87	881	2.96	2.58	0.87	901	2.86	2.49	0.87	941
32	22	3.32	2.49	0.75	861	3.20	2.40	0.75	916	3.12	2.34	0.75	941	2.99	2.24	0.75	980
32	24	3.48	2.19	0.63	901	3.35	2.11	0.63	950	3.28	2.06	0.63	980	3.17	2.00	0.63	1030
32	26	3.59	1.83	0.51	950	3.48	1.78	0.51	1000	3.43	1.75	0.51	1030	3.33	1.70	0.51	1059

PERFORMANCE DATA
COOLING operation(220V)
SL-1AR
CAPACITY : 2.6 kW INPUT : 990 W SHF : 0.73

		OUTDOOR D.B.(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	2.55	1.40	0.55	970	2.34	1.29	0.55	1030	2.16	1.19	0.55	1069
21	20	2.68	1.15	0.43	1010	2.50	1.07	0.43	1059	2.31	1.00	0.43	1119
22	18	2.55	1.50	0.59	970	2.34	1.38	0.59	1030	2.16	1.27	0.59	1069
22	20	2.68	1.26	0.47	1010	2.50	1.17	0.47	1059	2.31	1.09	0.47	1119
22	22	2.83	0.99	0.35	1049	2.65	0.93	0.35	1109	2.47	0.86	0.35	1148
23	18	2.55	1.61	0.63	970	2.34	1.47	0.63	1030	2.16	1.36	0.63	1069
23	20	2.68	1.37	0.51	1010	2.50	1.27	0.51	1059	2.31	1.18	0.51	1119
23	22	2.83	1.11	0.39	1049	2.65	1.03	0.39	1109	2.47	0.96	0.39	1148
24	18	2.55	1.71	0.67	970	2.34	1.57	0.67	1030	2.16	1.45	0.67	1069
24	20	2.68	1.47	0.55	1010	2.50	1.37	0.55	1059	2.31	1.27	0.55	1119
24	22	2.83	1.22	0.43	1049	2.65	1.14	0.43	1109	2.47	1.06	0.43	1148
24	24	2.99	0.93	0.31	1089	2.81	0.87	0.31	1139	2.65	0.82	0.31	1188
25	20	2.68	1.58	0.59	1010	2.50	1.47	0.59	1059	2.31	1.37	0.59	1119
25	22	2.83	1.33	0.47	1049	2.65	1.25	0.47	1109	2.47	1.16	0.47	1148
25	24	2.99	1.05	0.35	1089	2.81	0.98	0.35	1139	2.65	0.93	0.35	1188
26	18	2.55	1.91	0.75	970	2.34	1.76	0.75	1030	2.16	1.62	0.75	1069
26	20	2.68	1.69	0.63	1010	2.50	1.57	0.63	1059	2.31	1.46	0.63	1119
26	22	2.83	1.45	0.51	1049	2.65	1.35	0.51	1109	2.47	1.26	0.51	1148
26	24	2.99	1.17	0.39	1089	2.81	1.10	0.39	1139	2.65	1.03	0.39	1188
26	26	3.15	0.85	0.27	1129	2.96	0.80	0.27	1178	2.78	0.75	0.27	1228
27	18	2.55	2.01	0.79	970	2.34	1.85	0.79	1030	2.16	1.70	0.79	1069
27	20	2.68	1.79	0.67	1010	2.50	1.67	0.67	1059	2.31	1.55	0.67	1119
27	22	2.83	1.56	0.55	1049	2.65	1.46	0.55	1109	2.47	1.36	0.55	1148
27	24	2.99	1.29	0.43	1089	2.81	1.21	0.43	1139	2.65	1.14	0.43	1188
27	26	3.15	0.98	0.31	1129	2.96	0.92	0.31	1178	2.78	0.86	0.31	1228
28	18	2.55	2.11	0.83	970	2.34	1.94	0.83	1030	2.16	1.79	0.83	1069
28	20	2.68	1.90	0.71	1010	2.50	1.77	0.71	1059	2.31	1.64	0.71	1119
28	22	2.83	1.67	0.59	1049	2.65	1.56	0.59	1109	2.47	1.46	0.59	1148
28	24	2.99	1.41	0.47	1089	2.81	1.32	0.47	1139	2.65	1.25	0.47	1188
28	26	3.15	1.10	0.35	1129	2.96	1.04	0.35	1178	2.78	0.97	0.35	1228
29	18	2.55	2.22	0.87	970	2.34	2.04	0.87	1030	2.16	1.88	0.87	1069
29	20	2.68	2.01	0.75	1010	2.50	1.87	0.75	1059	2.31	1.74	0.75	1119
29	22	2.83	1.79	0.63	1049	2.65	1.67	0.63	1109	2.47	1.56	0.63	1148
29	24	2.99	1.52	0.51	1089	2.81	1.43	0.51	1139	2.65	1.35	0.51	1188
29	26	3.15	1.23	0.39	1129	2.96	1.16	0.39	1178	2.78	1.08	0.39	1228
30	18	2.55	2.32	0.91	970	2.34	2.13	0.91	1030	2.16	1.96	0.91	1069
30	20	2.68	2.12	0.79	1010	2.50	1.97	0.79	1059	2.31	1.83	0.79	1119
30	22	2.83	1.90	0.67	1049	2.65	1.78	0.67	1109	2.47	1.65	0.67	1148
30	24	2.99	1.64	0.55	1089	2.81	1.54	0.55	1139	2.65	1.46	0.55	1188
30	26	3.15	1.35	0.43	1129	2.96	1.27	0.43	1178	2.78	1.20	0.43	1228
31	18	2.55	2.42	0.95	970	2.34	2.22	0.95	1030	2.16	2.05	0.95	1069
31	20	2.68	2.22	0.83	1010	2.50	2.07	0.83	1059	2.31	1.92	0.83	1119
31	22	2.83	2.01	0.71	1049	2.65	1.88	0.71	1109	2.47	1.75	0.71	1148
31	24	2.99	1.76	0.59	1089	2.81	1.66	0.59	1139	2.65	1.56	0.59	1188
31	26	3.15	1.48	0.47	1129	2.96	1.39	0.47	1178	2.78	1.31	0.47	1228
32	18	2.55	2.52	0.99	970	2.34	2.32	0.99	1030	2.16	2.14	0.99	1069
32	20	2.68	2.33	0.87	1010	2.50	2.17	0.87	1059	2.31	2.01	0.87	1119
32	22	2.83	2.13	0.75	1049	2.65	1.99	0.75	1109	2.47	1.85	0.75	1148
32	24	2.99	1.88	0.63	1089	2.81	1.77	0.63	1139	2.65	1.67	0.63	1188
32	26	3.15	1.60	0.51	1129	2.96	1.51	0.51	1178	2.78	1.42	0.51	1228

PERFORMANCE DATA
COOLING operation(240V)
SL-1AR
CAPACITY : 2.6 kW INPUT : 1030 W SHF : 0.73

		OUTDOOR D.B.(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	3.06	1.68	0.55	824	2.93	1.61	0.55	865	2.81	1.54	0.55	906	2.70	1.49	0.55	948
21	20	3.19	1.37	0.43	865	3.06	1.31	0.43	917	2.96	1.27	0.43	937	2.86	1.23	0.43	979
22	18	3.06	1.80	0.59	824	2.93	1.73	0.59	865	2.81	1.66	0.59	906	2.70	1.60	0.59	948
22	20	3.19	1.50	0.47	865	3.06	1.44	0.47	917	2.96	1.39	0.47	937	2.86	1.34	0.47	979
22	22	3.32	1.16	0.35	896	3.20	1.12	0.35	953	3.12	1.09	0.35	979	2.99	1.05	0.35	1020
23	18	3.06	1.92	0.63	824	2.93	1.84	0.63	865	2.81	1.77	0.63	906	2.70	1.70	0.63	948
23	20	3.19	1.62	0.51	865	3.06	1.56	0.51	917	2.96	1.51	0.51	937	2.86	1.46	0.51	979
23	22	3.32	1.29	0.39	896	3.20	1.25	0.39	953	3.12	1.22	0.39	979	2.99	1.17	0.39	1020
24	18	3.06	2.05	0.67	824	2.93	1.96	0.67	865	2.81	1.88	0.67	906	2.70	1.81	0.67	948
24	20	3.19	1.75	0.55	865	3.06	1.68	0.55	917	2.96	1.63	0.55	937	2.86	1.57	0.55	979
24	22	3.32	1.43	0.43	896	3.20	1.38	0.43	953	3.12	1.34	0.43	979	2.99	1.29	0.43	1020
24	24	3.48	1.08	0.31	937	3.35	1.04	0.31	989	3.28	1.02	0.31	1020	3.17	0.98	0.31	1071
25	20	3.19	1.88	0.59	865	3.06	1.80	0.59	917	2.96	1.75	0.59	937	2.86	1.69	0.59	979
25	22	3.32	1.56	0.47	896	3.20	1.50	0.47	953	3.12	1.47	0.47	979	2.99	1.41	0.47	1020
25	24	3.48	1.22	0.35	937	3.35	1.17	0.35	989	3.28	1.15	0.35	1020	3.17	1.11	0.35	1071
26	18	3.06	2.29	0.75	824	2.93	2.19	0.75	865	2.81	2.11	0.75	906	2.70	2.03	0.75	948
26	20	3.19	2.01	0.63	865	3.06	1.92	0.63	917	2.96	1.87	0.63	937	2.86	1.80	0.63	979
26	22	3.32	1.69	0.51	896	3.20	1.63	0.51	953	3.12	1.59	0.51	979	2.99	1.52	0.51	1020
26	24	3.48	1.36	0.39	937	3.35	1.31	0.39	989	3.28	1.28	0.39	1020	3.17	1.24	0.39	1071
26	26	3.59	0.97	0.27	989	3.48	0.94	0.27	1040	3.43	0.93	0.27	1071	3.33	0.90	0.27	1102
27	18	3.06	2.41	0.79	824	2.93	2.31	0.79	865	2.81	2.22	0.79	906	2.70	2.14	0.79	948
27	20	3.19	2.13	0.67	865	3.06	2.05	0.67	917	2.96	1.99	0.67	937	2.86	1.92	0.67	979
27	22	3.32	1.82	0.55	896	3.20	1.76	0.55	953	3.12	1.72	0.55	979	2.99	1.64	0.55	1020
27	24	3.48	1.50	0.43	937	3.35	1.44	0.43	989	3.28	1.41	0.43	1020	3.17	1.36	0.43	1071
27	26	3.59	1.11	0.31	989	3.48	1.08	0.31	1040	3.43	1.06	0.31	1071	3.33	1.03	0.31	1102
28	18	3.06	2.54	0.83	824	2.93	2.43	0.83	865	2.81	2.33	0.83	906	2.70	2.24	0.83	948
28	20	3.19	2.26	0.71	865	3.06	2.17	0.71	917	2.96	2.10	0.71	937	2.86	2.03	0.71	979
28	22	3.32	1.96	0.59	896	3.20	1.89	0.59	953	3.12	1.84	0.59	979	2.99	1.76	0.59	1020
28	24	3.48	1.64	0.47	937	3.35	1.58	0.47	989	3.28	1.54	0.47	1020	3.17	1.49	0.47	1071
28	26	3.59	1.26	0.35	989	3.48	1.22	0.35	1040	3.43	1.20	0.35	1071	3.33	1.16	0.35	1102
29	18	3.06	2.66	0.87	824	2.93	2.54	0.87	865	2.81	2.44	0.87	906	2.70	2.35	0.87	948
29	20	3.19	2.39	0.75	865	3.06	2.29	0.75	917	2.96	2.22	0.75	937	2.86	2.15	0.75	979
29	22	3.32	2.09	0.63	896	3.20	2.01	0.63	953	3.12	1.97	0.63	979	2.99	1.88	0.63	1020
29	24	3.48	1.78	0.51	937	3.35	1.71	0.51	989	3.28	1.67	0.51	1020	3.17	1.62	0.51	1071
29	26	3.59	1.40	0.39	989	3.48	1.36	0.39	1040	3.43	1.34	0.39	1071	3.33	1.30	0.39	1102
30	18	3.06	2.78	0.91	824	2.93	2.66	0.91	865	2.81	2.56	0.91	906	2.70	2.46	0.91	948
30	20	3.19	2.52	0.79	865	3.06	2.41	0.79	917	2.96	2.34	0.79	937	2.86	2.26	0.79	979
30	22	3.32	2.22	0.67	896	3.20	2.14	0.67	953	3.12	2.09	0.67	979	2.99	2.00	0.67	1020
30	24	3.48	1.92	0.55	937	3.35	1.84	0.55	989	3.28	1.80	0.55	1020	3.17	1.74	0.55	1071
30	26	3.59	1.54	0.43	989	3.48	1.50	0.43	1040	3.43	1.48	0.43	1071	3.33	1.43	0.43	1102
31	18	3.06	2.90	0.95	824	2.93	2.78	0.95	865	2.81	2.67	0.95	906	2.70	2.57	0.95	948
31	20	3.19	2.64	0.83	865	3.06	2.54	0.83	917	2.96	2.46	0.83	937	2.86	2.37	0.83	979
31	22	3.32	2.35	0.71	896	3.20	2.27	0.71	953	3.12	2.22	0.71	979	2.99	2.12	0.71	1020
31	24	3.48	2.06	0.59	937	3.35	1.98	0.59	989	3.28	1.93	0.59	1020	3.17	1.87	0.59	1071
31	26	3.59	1.69	0.47	989	3.48	1.64	0.47	1040	3.43	1.61	0.47	1071	3.33	1.56	0.47	1102
32	18	3.06	3.02	0.99	824	2.93	2.90	0.99	865	2.81	2.78	0.99	906	2.70	2.68	0.99	948
32	20	3.19	2.77	0.87	865	3.06	2.66	0.87	917	2.96	2.58	0.87	937	2.86	2.49	0.87	979
32	22	3.32	2.49	0.75	896	3.20	2.40	0.75	953	3.12	2.34	0.75	979	2.99	2.24	0.75	1020
32	24	3.48	2.19	0.63	937	3.35	2.11	0.63	989	3.28	2.06	0.63	1020	3.17	2.00	0.63	1071
32	26	3.59	1.83	0.51	989	3.48	1.78	0.51	1040	3.43	1.75	0.51	1071	3.33	1.70	0.51	1102

PERFORMANCE DATA
COOLING operation(240V)
SL-1AR
CAPACITY : 2.6 kW INPUT : 1030 W SHF : 0.73

		OUTDOOR D.B.(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	2.55	1.40	0.55	1009	2.34	1.29	0.55	1071	2.16	1.19	0.55	1112
21	20	2.68	1.15	0.43	1051	2.50	1.07	0.43	1102	2.31	1.00	0.43	1164
22	18	2.55	1.50	0.59	1009	2.34	1.38	0.59	1071	2.16	1.27	0.59	1112
22	20	2.68	1.26	0.47	1051	2.50	1.17	0.47	1102	2.31	1.09	0.47	1164
22	22	2.83	0.99	0.35	1092	2.65	0.93	0.35	1154	2.47	0.86	0.35	1195
23	18	2.55	1.61	0.63	1009	2.34	1.47	0.63	1071	2.16	1.36	0.63	1112
23	20	2.68	1.37	0.51	1051	2.50	1.27	0.51	1102	2.31	1.18	0.51	1164
23	22	2.83	1.11	0.39	1092	2.65	1.03	0.39	1154	2.47	0.96	0.39	1195
24	18	2.55	1.71	0.67	1009	2.34	1.57	0.67	1071	2.16	1.45	0.67	1112
24	20	2.68	1.47	0.55	1051	2.50	1.37	0.55	1102	2.31	1.27	0.55	1164
24	22	2.83	1.22	0.43	1092	2.65	1.14	0.43	1154	2.47	1.06	0.43	1195
24	24	2.99	0.93	0.31	1133	2.81	0.87	0.31	1185	2.65	0.82	0.31	1236
25	20	2.68	1.58	0.59	1051	2.50	1.47	0.59	1102	2.31	1.37	0.59	1164
25	22	2.83	1.33	0.47	1092	2.65	1.25	0.47	1154	2.47	1.16	0.47	1195
25	24	2.99	1.05	0.35	1133	2.81	0.98	0.35	1185	2.65	0.93	0.35	1236
26	18	2.55	1.91	0.75	1009	2.34	1.76	0.75	1071	2.16	1.62	0.75	1112
26	20	2.68	1.69	0.63	1051	2.50	1.57	0.63	1102	2.31	1.46	0.63	1164
26	22	2.83	1.45	0.51	1092	2.65	1.35	0.51	1154	2.47	1.26	0.51	1195
26	24	2.99	1.17	0.39	1133	2.81	1.10	0.39	1185	2.65	1.03	0.39	1236
26	26	3.15	0.85	0.27	1174	2.96	0.80	0.27	1226	2.78	0.75	0.27	1277
27	18	2.55	2.01	0.79	1009	2.34	1.85	0.79	1071	2.16	1.70	0.79	1112
27	20	2.68	1.79	0.67	1051	2.50	1.67	0.67	1102	2.31	1.55	0.67	1164
27	22	2.83	1.56	0.55	1092	2.65	1.46	0.55	1154	2.47	1.36	0.55	1195
27	24	2.99	1.29	0.43	1133	2.81	1.21	0.43	1185	2.65	1.14	0.43	1236
27	26	3.15	0.98	0.31	1174	2.96	0.92	0.31	1226	2.78	0.86	0.31	1277
28	18	2.55	2.11	0.83	1009	2.34	1.94	0.83	1071	2.16	1.79	0.83	1112
28	20	2.68	1.90	0.71	1051	2.50	1.77	0.71	1102	2.31	1.64	0.71	1164
28	22	2.83	1.67	0.59	1092	2.65	1.56	0.59	1154	2.47	1.46	0.59	1195
28	24	2.99	1.41	0.47	1133	2.81	1.32	0.47	1185	2.65	1.25	0.47	1236
28	26	3.15	1.10	0.35	1174	2.96	1.04	0.35	1226	2.78	0.97	0.35	1277
29	18	2.55	2.22	0.87	1009	2.34	2.04	0.87	1071	2.16	1.88	0.87	1112
29	20	2.68	2.01	0.75	1051	2.50	1.87	0.75	1102	2.31	1.74	0.75	1164
29	22	2.83	1.79	0.63	1092	2.65	1.67	0.63	1154	2.47	1.56	0.63	1195
29	24	2.99	1.52	0.51	1133	2.81	1.43	0.51	1185	2.65	1.35	0.51	1236
29	26	3.15	1.23	0.39	1174	2.96	1.16	0.39	1226	2.78	1.08	0.39	1277
30	18	2.55	2.32	0.91	1009	2.34	2.13	0.91	1071	2.16	1.96	0.91	1112
30	20	2.68	2.12	0.79	1051	2.50	1.97	0.79	1102	2.31	1.83	0.79	1164
30	22	2.83	1.90	0.67	1092	2.65	1.78	0.67	1154	2.47	1.65	0.67	1195
30	24	2.99	1.64	0.55	1133	2.81	1.54	0.55	1185	2.65	1.46	0.55	1236
30	26	3.15	1.35	0.43	1174	2.96	1.27	0.43	1226	2.78	1.20	0.43	1277
31	18	2.55	2.42	0.95	1009	2.34	2.22	0.95	1071	2.16	2.05	0.95	1112
31	20	2.68	2.22	0.83	1051	2.50	2.07	0.83	1102	2.31	1.92	0.83	1164
31	22	2.83	2.01	0.71	1092	2.65	1.88	0.71	1154	2.47	1.75	0.71	1195
31	24	2.99	1.76	0.59	1133	2.81	1.66	0.59	1185	2.65	1.56	0.59	1236
31	26	3.15	1.48	0.47	1174	2.96	1.39	0.47	1226	2.78	1.31	0.47	1277
32	18	2.55	2.52	0.99	1009	2.34	2.32	0.99	1071	2.16	2.14	0.99	1112
32	20	2.68	2.33	0.87	1051	2.50	2.17	0.87	1102	2.31	2.01	0.87	1164
32	22	2.83	2.13	0.75	1092	2.65	1.99	0.75	1154	2.47	1.85	0.75	1195
32	24	2.99	1.88	0.63	1133	2.81	1.77	0.63	1185	2.65	1.67	0.63	1236
32	26	3.15	1.60	0.51	1174	2.96	1.51	0.51	1226	2.78	1.42	0.51	1277

PERFORMANCE DATA
COOLING operation(220V)
SL-1.6AR
CAPACITY : 4.0 kW INPUT : 1640 W SHF : 0.69

		OUTDOOR D.B.(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4.70	2.40	0.51	1312	4.50	2.30	0.51	1378	4.32	2.20	0.51	1443	4.16	2.12	0.51	1509
21	20	4.90	1.91	0.39	1378	4.70	1.83	0.39	1460	4.56	1.78	0.39	1492	4.40	1.72	0.39	1558
22	18	4.70	2.59	0.55	1312	4.50	2.48	0.55	1378	4.32	2.38	0.55	1443	4.16	2.29	0.55	1509
22	20	4.90	2.11	0.43	1378	4.70	2.02	0.43	1460	4.56	1.96	0.43	1492	4.40	1.89	0.43	1558
22	22	5.10	1.58	0.31	1427	4.92	1.53	0.31	1517	4.80	1.49	0.31	1558	4.60	1.43	0.31	1624
23	18	4.70	2.77	0.59	1312	4.50	2.66	0.59	1378	4.32	2.55	0.59	1443	4.16	2.45	0.59	1509
23	20	4.90	2.30	0.47	1378	4.70	2.21	0.47	1460	4.56	2.14	0.47	1492	4.40	2.07	0.47	1558
23	22	5.10	1.79	0.35	1427	4.92	1.72	0.35	1517	4.80	1.68	0.35	1558	4.60	1.61	0.35	1624
24	18	4.70	2.96	0.63	1312	4.50	2.84	0.63	1378	4.32	2.72	0.63	1443	4.16	2.62	0.63	1509
24	20	4.90	2.50	0.51	1378	4.70	2.40	0.51	1460	4.56	2.33	0.51	1492	4.40	2.24	0.51	1558
24	22	5.10	1.99	0.39	1427	4.92	1.92	0.39	1517	4.80	1.87	0.39	1558	4.60	1.79	0.39	1624
24	24	5.36	1.45	0.27	1492	5.16	1.39	0.27	1574	5.04	1.36	0.27	1624	4.88	1.32	0.27	1706
25	20	4.90	2.70	0.55	1378	4.70	2.59	0.55	1460	4.56	2.51	0.55	1492	4.40	2.42	0.55	1558
25	22	5.10	2.19	0.43	1427	4.92	2.12	0.43	1517	4.80	2.06	0.43	1558	4.60	1.98	0.43	1624
25	24	5.36	1.66	0.31	1492	5.16	1.60	0.31	1574	5.04	1.56	0.31	1624	4.88	1.51	0.31	1706
26	18	4.70	3.34	0.71	1312	4.50	3.20	0.71	1378	4.32	3.07	0.71	1443	4.16	2.95	0.71	1509
26	20	4.90	2.89	0.59	1378	4.70	2.77	0.59	1460	4.56	2.69	0.59	1492	4.40	2.60	0.59	1558
26	22	5.10	2.40	0.47	1427	4.92	2.31	0.47	1517	4.80	2.26	0.47	1558	4.60	2.16	0.47	1624
26	24	5.36	1.88	0.35	1492	5.16	1.81	0.35	1574	5.04	1.76	0.35	1624	4.88	1.71	0.35	1706
26	26	5.52	1.27	0.23	1574	5.36	1.23	0.23	1656	5.28	1.21	0.23	1706	5.12	1.18	0.23	1755
27	18	4.70	3.53	0.75	1312	4.50	3.38	0.75	1378	4.32	3.24	0.75	1443	4.16	3.12	0.75	1509
27	20	4.90	3.09	0.63	1378	4.70	2.96	0.63	1460	4.56	2.87	0.63	1492	4.40	2.77	0.63	1558
27	22	5.10	2.60	0.51	1427	4.92	2.51	0.51	1517	4.80	2.45	0.51	1558	4.60	2.35	0.51	1624
27	24	5.36	2.09	0.39	1492	5.16	2.01	0.39	1574	5.04	1.97	0.39	1624	4.88	1.90	0.39	1706
27	26	5.52	1.49	0.27	1574	5.36	1.45	0.27	1656	5.28	1.43	0.27	1706	5.12	1.38	0.27	1755
28	18	4.70	3.71	0.79	1312	4.50	3.56	0.79	1378	4.32	3.41	0.79	1443	4.16	3.29	0.79	1509
28	20	4.90	3.28	0.67	1378	4.70	3.15	0.67	1460	4.56	3.06	0.67	1492	4.40	2.95	0.67	1558
28	22	5.10	2.81	0.55	1427	4.92	2.71	0.55	1517	4.80	2.64	0.55	1558	4.60	2.53	0.55	1624
28	24	5.36	2.30	0.43	1492	5.16	2.22	0.43	1574	5.04	2.17	0.43	1624	4.88	2.10	0.43	1706
28	26	5.52	1.71	0.31	1574	5.36	1.66	0.31	1656	5.28	1.64	0.31	1706	5.12	1.59	0.31	1755
29	18	4.70	3.90	0.83	1312	4.50	3.74	0.83	1378	4.32	3.59	0.83	1443	4.16	3.45	0.83	1509
29	20	4.90	3.48	0.71	1378	4.70	3.34	0.71	1460	4.56	3.24	0.71	1492	4.40	3.12	0.71	1558
29	22	5.10	3.01	0.59	1427	4.92	2.90	0.59	1517	4.80	2.83	0.59	1558	4.60	2.71	0.59	1624
29	24	5.36	2.52	0.47	1492	5.16	2.43	0.47	1574	5.04	2.37	0.47	1624	4.88	2.29	0.47	1706
29	26	5.52	1.93	0.35	1574	5.36	1.88	0.35	1656	5.28	1.85	0.35	1706	5.12	1.79	0.35	1755
30	18	4.70	4.09	0.87	1312	4.50	3.92	0.87	1378	4.32	3.76	0.87	1443	4.16	3.62	0.87	1509
30	20	4.90	3.68	0.75	1378	4.70	3.53	0.75	1460	4.56	3.42	0.75	1492	4.40	3.30	0.75	1558
30	22	5.10	3.21	0.63	1427	4.92	3.10	0.63	1517	4.80	3.02	0.63	1558	4.60	2.90	0.63	1624
30	24	5.36	2.73	0.51	1492	5.16	2.63	0.51	1574	5.04	2.57	0.51	1624	4.88	2.49	0.51	1706
30	26	5.52	2.15	0.39	1574	5.36	2.09	0.39	1656	5.28	2.06	0.39	1706	5.12	2.00	0.39	1755
31	18	4.70	4.28	0.91	1312	4.50	4.10	0.91	1378	4.32	3.93	0.91	1443	4.16	3.79	0.91	1509
31	20	4.90	3.87	0.79	1378	4.70	3.71	0.79	1460	4.56	3.60	0.79	1492	4.40	3.48	0.79	1558
31	22	5.10	3.42	0.67	1427	4.92	3.30	0.67	1517	4.80	3.22	0.67	1558	4.60	3.08	0.67	1624
31	24	5.36	2.95	0.55	1492	5.16	2.84	0.55	1574	5.04	2.77	0.55	1624	4.88	2.68	0.55	1706
31	26	5.52	2.37	0.43	1574	5.36	2.30	0.43	1656	5.28	2.27	0.43	1706	5.12	2.20	0.43	1755
32	18	4.70	4.47	0.95	1312	4.50	4.28	0.95	1378	4.32	4.10	0.95	1443	4.16	3.95	0.95	1509
32	20	4.90	4.07	0.83	1378	4.70	3.90	0.83	1460	4.56	3.78	0.83	1492	4.40	3.65	0.83	1558
32	22	5.10	3.62	0.71	1427	4.92	3.49	0.71	1517	4.80	3.41	0.71	1558	4.60	3.27	0.71	1624
32	24	5.36	3.16	0.59	1492	5.16	3.04	0.59	1574	5.04	2.97	0.59	1624	4.88	2.88	0.59	1706
32	26	5.52	2.59	0.47	1574	5.36	2.52	0.47	1656	5.28	2.48	0.47	1706	5.12	2.41	0.47	1755

PERFORMANCE DATA
COOLING operation(220V)
SL-1.6AR
CAPACITY : 4.0 kW INPUT : 1640 W SHF : 0.69

		OUTDOOR D.B.(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	3.92	2.00	0.51	1607	3.60	1.84	0.51	1706	3.32	1.69	0.51	1771
21	20	4.12	1.61	0.39	1673	3.84	1.50	0.39	1755	3.56	1.39	0.39	1853
22	18	3.92	2.16	0.55	1607	3.60	1.98	0.55	1706	3.32	1.83	0.55	1771
22	20	4.12	1.77	0.43	1673	3.84	1.65	0.43	1755	3.56	1.53	0.43	1853
22	22	4.36	1.35	0.31	1738	4.08	1.26	0.31	1837	3.80	1.18	0.31	1902
23	18	3.92	2.31	0.59	1607	3.60	2.12	0.59	1706	3.32	1.96	0.59	1771
23	20	4.12	1.94	0.47	1673	3.84	1.80	0.47	1755	3.56	1.67	0.47	1853
23	22	4.36	1.53	0.35	1738	4.08	1.43	0.35	1837	3.80	1.33	0.35	1902
24	18	3.92	2.47	0.63	1607	3.60	2.27	0.63	1706	3.32	2.09	0.63	1771
24	20	4.12	2.10	0.51	1673	3.84	1.96	0.51	1755	3.56	1.82	0.51	1853
24	22	4.36	1.70	0.39	1738	4.08	1.59	0.39	1837	3.80	1.48	0.39	1902
24	24	4.60	1.24	0.27	1804	4.32	1.17	0.27	1886	4.08	1.10	0.27	1968
25	20	4.12	2.27	0.55	1673	3.84	2.11	0.55	1755	3.56	1.96	0.55	1853
25	22	4.36	1.87	0.43	1738	4.08	1.75	0.43	1837	3.80	1.63	0.43	1902
25	24	4.60	1.43	0.31	1804	4.32	1.34	0.31	1886	4.08	1.26	0.31	1968
26	18	3.92	2.78	0.71	1607	3.60	2.56	0.71	1706	3.32	2.36	0.71	1771
26	20	4.12	2.43	0.59	1673	3.84	2.27	0.59	1755	3.56	2.10	0.59	1853
26	22	4.36	2.05	0.47	1738	4.08	1.92	0.47	1837	3.80	1.79	0.47	1902
26	24	4.60	1.61	0.35	1804	4.32	1.51	0.35	1886	4.08	1.43	0.35	1968
26	26	4.84	1.11	0.23	1870	4.56	1.05	0.23	1952	4.28	0.98	0.23	2034
27	18	3.92	2.94	0.75	1607	3.60	2.70	0.75	1706	3.32	2.49	0.75	1771
27	20	4.12	2.60	0.63	1673	3.84	2.42	0.63	1755	3.56	2.24	0.63	1853
27	22	4.36	2.22	0.51	1738	4.08	2.08	0.51	1837	3.80	1.94	0.51	1902
27	24	4.60	1.79	0.39	1804	4.32	1.68	0.39	1886	4.08	1.59	0.39	1968
27	26	4.84	1.31	0.27	1870	4.56	1.23	0.27	1952	4.28	1.16	0.27	2034
28	18	3.92	3.10	0.79	1607	3.60	2.84	0.79	1706	3.32	2.62	0.79	1771
28	20	4.12	2.76	0.67	1673	3.84	2.57	0.67	1755	3.56	2.39	0.67	1853
28	22	4.36	2.40	0.55	1738	4.08	2.24	0.55	1837	3.80	2.09	0.55	1902
28	24	4.60	1.98	0.43	1804	4.32	1.86	0.43	1886	4.08	1.75	0.43	1968
28	26	4.84	1.50	0.31	1870	4.56	1.41	0.31	1952	4.28	1.33	0.31	2034
29	18	3.92	3.25	0.83	1607	3.60	2.99	0.83	1706	3.32	2.76	0.83	1771
29	20	4.12	2.93	0.71	1673	3.84	2.73	0.71	1755	3.56	2.53	0.71	1853
29	22	4.36	2.57	0.59	1738	4.08	2.41	0.59	1837	3.80	2.24	0.59	1902
29	24	4.60	2.16	0.47	1804	4.32	2.03	0.47	1886	4.08	1.92	0.47	1968
29	26	4.84	1.69	0.35	1870	4.56	1.60	0.35	1952	4.28	1.50	0.35	2034
30	18	3.92	3.41	0.87	1607	3.60	3.13	0.87	1706	3.32	2.89	0.87	1771
30	20	4.12	3.09	0.75	1673	3.84	2.88	0.75	1755	3.56	2.67	0.75	1853
30	22	4.36	2.75	0.63	1738	4.08	2.57	0.63	1837	3.80	2.39	0.63	1902
30	24	4.60	2.35	0.51	1804	4.32	2.20	0.51	1886	4.08	2.08	0.51	1968
30	26	4.84	1.89	0.39	1870	4.56	1.78	0.39	1952	4.28	1.67	0.39	2034
31	18	3.92	3.57	0.91	1607	3.60	3.28	0.91	1706	3.32	3.02	0.91	1771
31	20	4.12	3.25	0.79	1673	3.84	3.03	0.79	1755	3.56	2.81	0.79	1853
31	22	4.36	2.92	0.67	1738	4.08	2.73	0.67	1837	3.80	2.55	0.67	1902
31	24	4.60	2.53	0.55	1804	4.32	2.38	0.55	1886	4.08	2.24	0.55	1968
31	26	4.84	2.08	0.43	1870	4.56	1.96	0.43	1952	4.28	1.84	0.43	2034
32	18	3.92	3.72	0.95	1607	3.60	3.42	0.95	1706	3.32	3.15	0.95	1771
32	20	4.12	3.42	0.83	1673	3.84	3.19	0.83	1755	3.56	2.95	0.83	1853
32	22	4.36	3.10	0.71	1738	4.08	2.90	0.71	1837	3.80	2.70	0.71	1902
32	24	4.60	2.71	0.59	1804	4.32	2.55	0.59	1886	4.08	2.41	0.59	1968
32	26	4.84	2.27	0.47	1870	4.56	2.14	0.47	1952	4.28	2.01	0.47	2034

PERFORMANCE DATA
COOLING operation(240V)
SL-1.6AR
CAPACITY : 4.1 kW INPUT : 1740 W SHF : 0.69

		OUTDOOR D.B.(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4.82	2.46	0.51	1392	4.61	2.35	0.51	1462	4.43	2.26	0.51	1531	4.26	2.17	0.51	1601
21	20	5.02	1.96	0.39	1462	4.82	1.88	0.39	1549	4.67	1.82	0.39	1583	4.51	1.76	0.39	1653
22	18	4.82	2.65	0.55	1392	4.61	2.54	0.55	1462	4.43	2.44	0.55	1531	4.26	2.35	0.55	1601
22	20	5.02	2.16	0.43	1462	4.82	2.07	0.43	1549	4.67	2.01	0.43	1583	4.51	1.94	0.43	1653
22	22	5.23	1.62	0.31	1514	5.04	1.56	0.31	1610	4.92	1.53	0.31	1653	4.72	1.46	0.31	1723
23	18	4.82	2.84	0.59	1392	4.61	2.72	0.59	1462	4.43	2.61	0.59	1531	4.26	2.52	0.59	1601
23	20	5.02	2.36	0.47	1462	4.82	2.26	0.47	1549	4.67	2.20	0.47	1583	4.51	2.12	0.47	1653
23	22	5.23	1.83	0.35	1514	5.04	1.77	0.35	1610	4.92	1.72	0.35	1653	4.72	1.65	0.35	1723
24	18	4.82	3.04	0.63	1392	4.61	2.91	0.63	1462	4.43	2.79	0.63	1531	4.26	2.69	0.63	1601
24	20	5.02	2.56	0.51	1462	4.82	2.46	0.51	1549	4.67	2.38	0.51	1583	4.51	2.30	0.51	1653
24	22	5.23	2.04	0.39	1514	5.04	1.97	0.39	1610	4.92	1.92	0.39	1653	4.72	1.84	0.39	1723
24	24	5.49	1.48	0.27	1583	5.29	1.43	0.27	1670	5.17	1.39	0.27	1723	5.00	1.35	0.27	1810
25	20	5.02	2.76	0.55	1462	4.82	2.65	0.55	1549	4.67	2.57	0.55	1583	4.51	2.48	0.55	1653
25	22	5.23	2.25	0.43	1514	5.04	2.17	0.43	1610	4.92	2.12	0.43	1653	4.72	2.03	0.43	1723
25	24	5.49	1.70	0.31	1583	5.29	1.64	0.31	1670	5.17	1.60	0.31	1723	5.00	1.55	0.31	1810
26	18	4.82	3.42	0.71	1392	4.61	3.27	0.71	1462	4.43	3.14	0.71	1531	4.26	3.03	0.71	1601
26	20	5.02	2.96	0.59	1462	4.82	2.84	0.59	1549	4.67	2.76	0.59	1583	4.51	2.66	0.59	1653
26	22	5.23	2.46	0.47	1514	5.04	2.37	0.47	1610	4.92	2.31	0.47	1653	4.72	2.22	0.47	1723
26	24	5.49	1.92	0.35	1583	5.29	1.85	0.35	1670	5.17	1.81	0.35	1723	5.00	1.75	0.35	1810
26	26	5.66	1.30	0.23	1670	5.49	1.26	0.23	1757	5.41	1.24	0.23	1810	5.25	1.21	0.23	1862
27	18	4.82	3.61	0.75	1392	4.61	3.46	0.75	1462	4.43	3.32	0.75	1531	4.26	3.20	0.75	1601
27	20	5.02	3.16	0.63	1462	4.82	3.04	0.63	1549	4.67	2.94	0.63	1583	4.51	2.84	0.63	1653
27	22	5.23	2.67	0.51	1514	5.04	2.57	0.51	1610	4.92	2.51	0.51	1653	4.72	2.40	0.51	1723
27	24	5.49	2.14	0.39	1583	5.29	2.06	0.39	1670	5.17	2.01	0.39	1723	5.00	1.95	0.39	1810
27	26	5.66	1.53	0.27	1670	5.49	1.48	0.27	1757	5.41	1.46	0.27	1810	5.25	1.42	0.27	1862
28	18	4.82	3.81	0.79	1392	4.61	3.64	0.79	1462	4.43	3.50	0.79	1531	4.26	3.37	0.79	1601
28	20	5.02	3.37	0.67	1462	4.82	3.23	0.67	1549	4.67	3.13	0.67	1583	4.51	3.02	0.67	1653
28	22	5.23	2.88	0.55	1514	5.04	2.77	0.55	1610	4.92	2.71	0.55	1653	4.72	2.59	0.55	1723
28	24	5.49	2.36	0.43	1583	5.29	2.27	0.43	1670	5.17	2.22	0.43	1723	5.00	2.15	0.43	1810
28	26	5.66	1.75	0.31	1670	5.49	1.70	0.31	1757	5.41	1.68	0.31	1810	5.25	1.63	0.31	1862
29	18	4.82	4.00	0.83	1392	4.61	3.83	0.83	1462	4.43	3.68	0.83	1531	4.26	3.54	0.83	1601
29	20	5.02	3.57	0.71	1462	4.82	3.42	0.71	1549	4.67	3.32	0.71	1583	4.51	3.20	0.71	1653
29	22	5.23	3.08	0.59	1514	5.04	2.98	0.59	1610	4.92	2.90	0.59	1653	4.72	2.78	0.59	1723
29	24	5.49	2.58	0.47	1583	5.29	2.49	0.47	1670	5.17	2.43	0.47	1723	5.00	2.35	0.47	1810
29	26	5.66	1.98	0.35	1670	5.49	1.92	0.35	1757	5.41	1.89	0.35	1810	5.25	1.84	0.35	1862
30	18	4.82	4.19	0.87	1392	4.61	4.01	0.87	1462	4.43	3.85	0.87	1531	4.26	3.71	0.87	1601
30	20	5.02	3.77	0.75	1462	4.82	3.61	0.75	1549	4.67	3.51	0.75	1583	4.51	3.38	0.75	1653
30	22	5.23	3.29	0.63	1514	5.04	3.18	0.63	1610	4.92	3.10	0.63	1653	4.72	2.97	0.63	1723
30	24	5.49	2.80	0.51	1583	5.29	2.70	0.51	1670	5.17	2.63	0.51	1723	5.00	2.55	0.51	1810
30	26	5.66	2.21	0.39	1670	5.49	2.14	0.39	1757	5.41	2.11	0.39	1810	5.25	2.05	0.39	1862
31	18	4.82	4.38	0.91	1392	4.61	4.20	0.91	1462	4.43	4.03	0.91	1531	4.26	3.88	0.91	1601
31	20	5.02	3.97	0.79	1462	4.82	3.81	0.79	1549	4.67	3.69	0.79	1583	4.51	3.56	0.79	1653
31	22	5.23	3.50	0.67	1514	5.04	3.38	0.67	1610	4.92	3.30	0.67	1653	4.72	3.16	0.67	1723
31	24	5.49	3.02	0.55	1583	5.29	2.91	0.55	1670	5.17	2.84	0.55	1723	5.00	2.75	0.55	1810
31	26	5.66	2.43	0.43	1670	5.49	2.36	0.43	1757	5.41	2.33	0.43	1810	5.25	2.26	0.43	1862
32	18	4.82	4.58	0.95	1392	4.61	4.38	0.95	1462	4.43	4.21	0.95	1531	4.26	4.05	0.95	1601
32	20	5.02	4.17	0.83	1462	4.82	4.00	0.83	1549	4.67	3.88	0.83	1583	4.51	3.74	0.83	1653
32	22	5.23	3.71	0.71	1514	5.04	3.58	0.71	1610	4.92	3.49	0.71	1653	4.72	3.35	0.71	1723
32	24	5.49	3.24	0.59	1583	5.29	3.12	0.59	1670	5.17	3.05	0.59	1723	5.00	2.95	0.59	1810
32	26	5.66	2.66	0.47	1670	5.49	2.58	0.47	1757	5.41	2.54	0.47	1810	5.25	2.47	0.47	1862

PERFORMANCE DATA
COOLING operation(240V)
SL-1.6AR
CAPACITY : 4.1 kW INPUT : 1740 W SHF : 0.69

		OUTDOOR D.B.(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4.02	2.05	0.51	1705	3.69	1.88	0.51	1810	3.40	1.74	0.51	1879
21	20	4.22	1.65	0.39	1775	3.94	1.54	0.39	1862	3.65	1.42	0.39	1966
22	18	4.02	2.21	0.55	1705	3.69	2.03	0.55	1810	3.40	1.87	0.55	1879
22	20	4.22	1.82	0.43	1775	3.94	1.69	0.43	1862	3.65	1.57	0.43	1966
22	22	4.47	1.39	0.31	1844	4.18	1.30	0.31	1949	3.90	1.21	0.31	2018
23	18	4.02	2.37	0.59	1705	3.69	2.18	0.59	1810	3.40	2.01	0.59	1879
23	20	4.22	1.98	0.47	1775	3.94	1.85	0.47	1862	3.65	1.72	0.47	1966
23	22	4.47	1.56	0.35	1844	4.18	1.46	0.35	1949	3.90	1.36	0.35	2018
24	18	4.02	2.53	0.63	1705	3.69	2.32	0.63	1810	3.40	2.14	0.63	1879
24	20	4.22	2.15	0.51	1775	3.94	2.01	0.51	1862	3.65	1.86	0.51	1966
24	22	4.47	1.74	0.39	1844	4.18	1.63	0.39	1949	3.90	1.52	0.39	2018
24	24	4.72	1.27	0.27	1914	4.43	1.20	0.27	2001	4.18	1.13	0.27	2088
25	20	4.22	2.32	0.55	1775	3.94	2.16	0.55	1862	3.65	2.01	0.55	1966
25	22	4.47	1.92	0.43	1844	4.18	1.80	0.43	1949	3.90	1.67	0.43	2018
25	24	4.72	1.46	0.31	1914	4.43	1.37	0.31	2001	4.18	1.30	0.31	2088
26	18	4.02	2.85	0.71	1705	3.69	2.62	0.71	1810	3.40	2.42	0.71	1879
26	20	4.22	2.49	0.59	1775	3.94	2.32	0.59	1862	3.65	2.15	0.59	1966
26	22	4.47	2.10	0.47	1844	4.18	1.97	0.47	1949	3.90	1.83	0.47	2018
26	24	4.72	1.65	0.35	1914	4.43	1.55	0.35	2001	4.18	1.46	0.35	2088
26	26	4.96	1.14	0.23	1984	4.67	1.08	0.23	2071	4.39	1.01	0.23	2158
27	18	4.02	3.01	0.75	1705	3.69	2.77	0.75	1810	3.40	2.55	0.75	1879
27	20	4.22	2.66	0.63	1775	3.94	2.48	0.63	1862	3.65	2.30	0.63	1966
27	22	4.47	2.28	0.51	1844	4.18	2.13	0.51	1949	3.90	1.99	0.51	2018
27	24	4.72	1.84	0.39	1914	4.43	1.73	0.39	2001	4.18	1.63	0.39	2088
27	26	4.96	1.34	0.27	1984	4.67	1.26	0.27	2071	4.39	1.18	0.27	2158
28	18	4.02	3.17	0.79	1705	3.69	2.92	0.79	1810	3.40	2.69	0.79	1879
28	20	4.22	2.83	0.67	1775	3.94	2.64	0.67	1862	3.65	2.44	0.67	1966
28	22	4.47	2.46	0.55	1844	4.18	2.30	0.55	1949	3.90	2.14	0.55	2018
28	24	4.72	2.03	0.43	1914	4.43	1.90	0.43	2001	4.18	1.80	0.43	2088
28	26	4.96	1.54	0.31	1984	4.67	1.45	0.31	2071	4.39	1.36	0.31	2158
29	18	4.02	3.33	0.83	1705	3.69	3.06	0.83	1810	3.40	2.82	0.83	1879
29	20	4.22	3.00	0.71	1775	3.94	2.79	0.71	1862	3.65	2.59	0.71	1966
29	22	4.47	2.64	0.59	1844	4.18	2.47	0.59	1949	3.90	2.30	0.59	2018
29	24	4.72	2.22	0.47	1914	4.43	2.08	0.47	2001	4.18	1.97	0.47	2088
29	26	4.96	1.74	0.35	1984	4.67	1.64	0.35	2071	4.39	1.54	0.35	2158
30	18	4.02	3.50	0.87	1705	3.69	3.21	0.87	1810	3.40	2.96	0.87	1879
30	20	4.22	3.17	0.75	1775	3.94	2.95	0.75	1862	3.65	2.74	0.75	1966
30	22	4.47	2.82	0.63	1844	4.18	2.63	0.63	1949	3.90	2.45	0.63	2018
30	24	4.72	2.40	0.51	1914	4.43	2.26	0.51	2001	4.18	2.13	0.51	2088
30	26	4.96	1.93	0.39	1984	4.67	1.82	0.39	2071	4.39	1.71	0.39	2158
31	18	4.02	3.66	0.91	1705	3.69	3.36	0.91	1810	3.40	3.10	0.91	1879
31	20	4.22	3.34	0.79	1775	3.94	3.11	0.79	1862	3.65	2.88	0.79	1966
31	22	4.47	2.99	0.67	1844	4.18	2.80	0.67	1949	3.90	2.61	0.67	2018
31	24	4.72	2.59	0.55	1914	4.43	2.44	0.55	2001	4.18	2.30	0.55	2088
31	26	4.96	2.13	0.43	1984	4.67	2.01	0.43	2071	4.39	1.89	0.43	2158
32	18	4.02	3.82	0.95	1705	3.69	3.51	0.95	1810	3.40	3.23	0.95	1879
32	20	4.22	3.51	0.83	1775	3.94	3.27	0.83	1862	3.65	3.03	0.83	1966
32	22	4.47	3.17	0.71	1844	4.18	2.97	0.71	1949	3.90	2.77	0.71	2018
32	24	4.72	2.78	0.59	1914	4.43	2.61	0.59	2001	4.18	2.47	0.59	2088
32	26	4.96	2.33	0.47	1984	4.67	2.20	0.47	2071	4.39	2.06	0.47	2158

PERFORMANCE DATA
COOLING operation(220V)
SL-2AR
CAPACITY : 5.1 kW INPUT : 2300 W SHF : 0.64

		OUTDOOR D.B.(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5.99	2.76	0.46	1840	5.74	2.64	0.46	1932	5.51	2.53	0.46	2024	5.30	2.44	0.46	2116
21	20	6.25	2.12	0.34	1932	5.99	2.04	0.34	2047	5.81	1.98	0.34	2093	5.61	1.91	0.34	2185
22	18	5.99	3.00	0.50	1840	5.74	2.87	0.50	1932	5.51	2.75	0.50	2024	5.30	2.65	0.50	2116
22	20	6.25	2.37	0.38	1932	5.99	2.28	0.38	2047	5.81	2.21	0.38	2093	5.61	2.13	0.38	2185
22	22	6.50	1.69	0.26	2001	6.27	1.63	0.26	2128	6.12	1.59	0.26	2185	5.87	1.52	0.26	2277
23	18	5.99	3.24	0.54	1840	5.74	3.10	0.54	1932	5.51	2.97	0.54	2024	5.30	2.86	0.54	2116
23	20	6.25	2.62	0.42	1932	5.99	2.52	0.42	2047	5.81	2.44	0.42	2093	5.61	2.36	0.42	2185
23	22	6.50	1.95	0.30	2001	6.27	1.88	0.30	2128	6.12	1.84	0.30	2185	5.87	1.76	0.30	2277
24	18	5.99	3.48	0.58	1840	5.74	3.33	0.58	1932	5.51	3.19	0.58	2024	5.30	3.08	0.58	2116
24	20	6.25	2.87	0.46	1932	5.99	2.76	0.46	2047	5.81	2.67	0.46	2093	5.61	2.58	0.46	2185
24	22	6.50	2.21	0.34	2001	6.27	2.13	0.34	2128	6.12	2.08	0.34	2185	5.87	1.99	0.34	2277
24	24	6.83	1.50	0.22	2093	6.58	1.45	0.22	2208	6.43	1.41	0.22	2277	6.22	1.37	0.22	2392
25	20	6.25	3.12	0.50	1932	5.99	3.00	0.50	2047	5.81	2.91	0.50	2093	5.61	2.81	0.50	2185
25	22	6.50	2.47	0.38	2001	6.27	2.38	0.38	2128	6.12	2.33	0.38	2185	5.87	2.23	0.38	2277
25	24	6.83	1.78	0.26	2093	6.58	1.71	0.26	2208	6.43	1.67	0.26	2277	6.22	1.62	0.26	2392
26	18	5.99	3.96	0.66	1840	5.74	3.79	0.66	1932	5.51	3.64	0.66	2024	5.30	3.50	0.66	2116
26	20	6.25	3.37	0.54	1932	5.99	3.24	0.54	2047	5.81	3.14	0.54	2093	5.61	3.03	0.54	2185
26	22	6.50	2.73	0.42	2001	6.27	2.63	0.42	2128	6.12	2.57	0.42	2185	5.87	2.46	0.42	2277
26	24	6.83	2.05	0.30	2093	6.58	1.97	0.30	2208	6.43	1.93	0.30	2277	6.22	1.87	0.30	2392
26	26	7.04	1.27	0.18	2208	6.83	1.23	0.18	2323	6.73	1.21	0.18	2392	6.53	1.18	0.18	2461
27	18	5.99	4.19	0.70	1840	5.74	4.02	0.70	1932	5.51	3.86	0.70	2024	5.30	3.71	0.70	2116
27	20	6.25	3.62	0.58	1932	5.99	3.48	0.58	2047	5.81	3.37	0.58	2093	5.61	3.25	0.58	2185
27	22	6.50	2.99	0.46	2001	6.27	2.89	0.46	2128	6.12	2.82	0.46	2185	5.87	2.70	0.46	2277
27	24	6.83	2.32	0.34	2093	6.58	2.24	0.34	2208	6.43	2.18	0.34	2277	6.22	2.12	0.34	2392
27	26	7.04	1.55	0.22	2208	6.83	1.50	0.22	2323	6.73	1.48	0.22	2392	6.53	1.44	0.22	2461
28	18	5.99	4.43	0.74	1840	5.74	4.25	0.74	1932	5.51	4.08	0.74	2024	5.30	3.92	0.74	2116
28	20	6.25	3.87	0.62	1932	5.99	3.72	0.62	2047	5.81	3.60	0.62	2093	5.61	3.48	0.62	2185
28	22	6.50	3.25	0.50	2001	6.27	3.14	0.50	2128	6.12	3.06	0.50	2185	5.87	2.93	0.50	2277
28	24	6.83	2.60	0.38	2093	6.58	2.50	0.38	2208	6.43	2.44	0.38	2277	6.22	2.36	0.38	2392
28	26	7.04	1.83	0.26	2208	6.83	1.78	0.26	2323	6.73	1.75	0.26	2392	6.53	1.70	0.26	2461
29	18	5.99	4.67	0.78	1840	5.74	4.48	0.78	1932	5.51	4.30	0.78	2024	5.30	4.14	0.78	2116
29	20	6.25	4.12	0.66	1932	5.99	3.96	0.66	2047	5.81	3.84	0.66	2093	5.61	3.70	0.66	2185
29	22	6.50	3.51	0.54	2001	6.27	3.39	0.54	2128	6.12	3.30	0.54	2185	5.87	3.17	0.54	2277
29	24	6.83	2.87	0.42	2093	6.58	2.76	0.42	2208	6.43	2.70	0.42	2277	6.22	2.61	0.42	2392
29	26	7.04	2.11	0.30	2208	6.83	2.05	0.30	2323	6.73	2.02	0.30	2392	6.53	1.96	0.30	2461
30	18	5.99	4.91	0.82	1840	5.74	4.70	0.82	1932	5.51	4.52	0.82	2024	5.30	4.35	0.82	2116
30	20	6.25	4.37	0.70	1932	5.99	4.19	0.70	2047	5.81	4.07	0.70	2093	5.61	3.93	0.70	2185
30	22	6.50	3.77	0.58	2001	6.27	3.64	0.58	2128	6.12	3.55	0.58	2185	5.87	3.40	0.58	2277
30	24	6.83	3.14	0.46	2093	6.58	3.03	0.46	2208	6.43	2.96	0.46	2277	6.22	2.86	0.46	2392
30	26	7.04	2.39	0.34	2208	6.83	2.32	0.34	2323	6.73	2.29	0.34	2392	6.53	2.22	0.34	2461
31	18	5.99	5.15	0.86	1840	5.74	4.93	0.86	1932	5.51	4.74	0.86	2024	5.30	4.56	0.86	2116
31	20	6.25	4.62	0.74	1932	5.99	4.43	0.74	2047	5.81	4.30	0.74	2093	5.61	4.15	0.74	2185
31	22	6.50	4.03	0.62	2001	6.27	3.89	0.62	2128	6.12	3.79	0.62	2185	5.87	3.64	0.62	2277
31	24	6.83	3.42	0.50	2093	6.58	3.29	0.50	2208	6.43	3.21	0.50	2277	6.22	3.11	0.50	2392
31	26	7.04	2.67	0.38	2208	6.83	2.60	0.38	2323	6.73	2.56	0.38	2392	6.53	2.48	0.38	2461
32	18	5.99	5.39	0.90	1840	5.74	5.16	0.90	1932	5.51	4.96	0.90	2024	5.30	4.77	0.90	2116
32	20	6.25	4.87	0.78	1932	5.99	4.67	0.78	2047	5.81	4.53	0.78	2093	5.61	4.38	0.78	2185
32	22	6.50	4.29	0.66	2001	6.27	4.14	0.66	2128	6.12	4.04	0.66	2185	5.87	3.87	0.66	2277
32	24	6.83	3.69	0.54	2093	6.58	3.55	0.54	2208	6.43	3.47	0.54	2277	6.22	3.36	0.54	2392
32	26	7.04	2.96	0.42	2208	6.83	2.87	0.42	2323	6.73	2.83	0.42	2392	6.53	2.74	0.42	2461

PERFORMANCE DATA
COOLING operation(220V)
SL-2AR
CAPACITY : 5.1 kW INPUT : 2300 W SHF : 0.64

		OUTDOOR D.B.(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5.00	2.30	0.46	2254	4.59	2.11	0.46	2392	4.23	1.95	0.46	2484
21	20	5.25	1.79	0.34	2346	4.90	1.66	0.34	2461	4.54	1.54	0.34	2599
22	18	5.00	2.50	0.50	2254	4.59	2.30	0.50	2392	4.23	2.12	0.50	2484
22	20	5.25	2.00	0.38	2346	4.90	1.86	0.38	2461	4.54	1.72	0.38	2599
22	22	5.56	1.45	0.26	2438	5.20	1.35	0.26	2576	4.85	1.26	0.26	2668
23	18	5.00	2.70	0.54	2254	4.59	2.48	0.54	2392	4.23	2.29	0.54	2484
23	20	5.25	2.21	0.42	2346	4.90	2.06	0.42	2461	4.54	1.91	0.42	2599
23	22	5.56	1.67	0.30	2438	5.20	1.56	0.30	2576	4.85	1.45	0.30	2668
24	18	5.00	2.90	0.58	2254	4.59	2.66	0.58	2392	4.23	2.46	0.58	2484
24	20	5.25	2.42	0.46	2346	4.90	2.25	0.46	2461	4.54	2.09	0.46	2599
24	22	5.56	1.89	0.34	2438	5.20	1.77	0.34	2576	4.85	1.65	0.34	2668
24	24	5.87	1.29	0.22	2530	5.51	1.21	0.22	2645	5.20	1.14	0.22	2760
25	20	5.25	2.63	0.50	2346	4.90	2.45	0.50	2461	4.54	2.27	0.50	2599
25	22	5.56	2.11	0.38	2438	5.20	1.98	0.38	2576	4.85	1.84	0.38	2668
25	24	5.87	1.52	0.26	2530	5.51	1.43	0.26	2645	5.20	1.35	0.26	2760
26	18	5.00	3.30	0.66	2254	4.59	3.03	0.66	2392	4.23	2.79	0.66	2484
26	20	5.25	2.84	0.54	2346	4.90	2.64	0.54	2461	4.54	2.45	0.54	2599
26	22	5.56	2.33	0.42	2438	5.20	2.18	0.42	2576	4.85	2.03	0.42	2668
26	24	5.87	1.76	0.30	2530	5.51	1.65	0.30	2645	5.20	1.56	0.30	2760
26	26	6.17	1.11	0.18	2622	5.81	1.05	0.18	2737	5.46	0.98	0.18	2852
27	18	5.00	3.50	0.70	2254	4.59	3.21	0.70	2392	4.23	2.96	0.70	2484
27	20	5.25	3.05	0.58	2346	4.90	2.84	0.58	2461	4.54	2.63	0.58	2599
27	22	5.56	2.56	0.46	2438	5.20	2.39	0.46	2576	4.85	2.23	0.46	2668
27	24	5.87	1.99	0.34	2530	5.51	1.87	0.34	2645	5.20	1.77	0.34	2760
27	26	6.17	1.36	0.22	2622	5.81	1.28	0.22	2737	5.46	1.20	0.22	2852
28	18	5.00	3.70	0.74	2254	4.59	3.40	0.74	2392	4.23	3.13	0.74	2484
28	20	5.25	3.26	0.62	2346	4.90	3.04	0.62	2461	4.54	2.81	0.62	2599
28	22	5.56	2.78	0.50	2438	5.20	2.60	0.50	2576	4.85	2.42	0.50	2668
28	24	5.87	2.23	0.38	2530	5.51	2.09	0.38	2645	5.20	1.98	0.38	2760
28	26	6.17	1.60	0.26	2622	5.81	1.51	0.26	2737	5.46	1.42	0.26	2852
29	18	5.00	3.90	0.78	2254	4.59	3.58	0.78	2392	4.23	3.30	0.78	2484
29	20	5.25	3.47	0.66	2346	4.90	3.23	0.66	2461	4.54	3.00	0.66	2599
29	22	5.56	3.00	0.54	2438	5.20	2.81	0.54	2576	4.85	2.62	0.54	2668
29	24	5.87	2.46	0.42	2530	5.51	2.31	0.42	2645	5.20	2.18	0.42	2760
29	26	6.17	1.85	0.30	2622	5.81	1.74	0.30	2737	5.46	1.64	0.30	2852
30	18	5.00	4.10	0.82	2254	4.59	3.76	0.82	2392	4.23	3.47	0.82	2484
30	20	5.25	3.68	0.70	2346	4.90	3.43	0.70	2461	4.54	3.18	0.70	2599
30	22	5.56	3.22	0.58	2438	5.20	3.02	0.58	2576	4.85	2.81	0.58	2668
30	24	5.87	2.70	0.46	2530	5.51	2.53	0.46	2645	5.20	2.39	0.46	2760
30	26	6.17	2.10	0.34	2622	5.81	1.98	0.34	2737	5.46	1.86	0.34	2852
31	18	5.00	4.30	0.86	2254	4.59	3.95	0.86	2392	4.23	3.64	0.86	2484
31	20	5.25	3.89	0.74	2346	4.90	3.62	0.74	2461	4.54	3.36	0.74	2599
31	22	5.56	3.45	0.62	2438	5.20	3.23	0.62	2576	4.85	3.00	0.62	2668
31	24	5.87	2.93	0.50	2530	5.51	2.75	0.50	2645	5.20	2.60	0.50	2760
31	26	6.17	2.34	0.38	2622	5.81	2.21	0.38	2737	5.46	2.07	0.38	2852
32	18	5.00	4.50	0.90	2254	4.59	4.13	0.90	2392	4.23	3.81	0.90	2484
32	20	5.25	4.10	0.78	2346	4.90	3.82	0.78	2461	4.54	3.54	0.78	2599
32	22	5.56	3.67	0.66	2438	5.20	3.43	0.66	2576	4.85	3.20	0.66	2668
32	24	5.87	3.17	0.54	2530	5.51	2.97	0.54	2645	5.20	2.81	0.54	2760
32	26	6.17	2.59	0.42	2622	5.81	2.44	0.42	2737	5.46	2.29	0.42	2852

PERFORMANCE DATA
COOLING operation(240V)
SL-2AR
CAPACITY : 5.2 kW INPUT : 2360 W SHF : 0.64

		OUTDOOR D.B.(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6.11	2.81	0.46	1888	5.85	2.69	0.46	1982	5.62	2.58	0.46	2077	5.41	2.49	0.46	2171
21	20	6.37	2.17	0.34	1982	6.11	2.08	0.34	2100	5.93	2.02	0.34	2148	5.72	1.94	0.34	2242
22	18	6.11	3.06	0.50	1888	5.85	2.93	0.50	1982	5.62	2.81	0.50	2077	5.41	2.70	0.50	2171
22	20	6.37	2.42	0.38	1982	6.11	2.32	0.38	2100	5.93	2.25	0.38	2148	5.72	2.17	0.38	2242
22	22	6.63	1.72	0.26	2053	6.40	1.66	0.26	2183	6.24	1.62	0.26	2242	5.98	1.55	0.26	2336
23	18	6.11	3.30	0.54	1888	5.85	3.16	0.54	1982	5.62	3.03	0.54	2077	5.41	2.92	0.54	2171
23	20	6.37	2.68	0.42	1982	6.11	2.57	0.42	2100	5.93	2.49	0.42	2148	5.72	2.40	0.42	2242
23	22	6.63	1.99	0.30	2053	6.40	1.92	0.30	2183	6.24	1.87	0.30	2242	5.98	1.79	0.30	2336
24	18	6.11	3.54	0.58	1888	5.85	3.39	0.58	1982	5.62	3.26	0.58	2077	5.41	3.14	0.58	2171
24	20	6.37	2.93	0.46	1982	6.11	2.81	0.46	2100	5.93	2.73	0.46	2148	5.72	2.63	0.46	2242
24	22	6.63	2.25	0.34	2053	6.40	2.17	0.34	2183	6.24	2.12	0.34	2242	5.98	2.03	0.34	2336
24	24	6.97	1.53	0.22	2148	6.71	1.48	0.22	2266	6.55	1.44	0.22	2336	6.34	1.40	0.22	2454
25	20	6.37	3.19	0.50	1982	6.11	3.06	0.50	2100	5.93	2.96	0.50	2148	5.72	2.86	0.50	2242
25	22	6.63	2.52	0.38	2053	6.40	2.43	0.38	2183	6.24	2.37	0.38	2242	5.98	2.27	0.38	2336
25	24	6.97	1.81	0.26	2148	6.71	1.74	0.26	2266	6.55	1.70	0.26	2336	6.34	1.65	0.26	2454
26	18	6.11	4.03	0.66	1888	5.85	3.86	0.66	1982	5.62	3.71	0.66	2077	5.41	3.57	0.66	2171
26	20	6.37	3.44	0.54	1982	6.11	3.30	0.54	2100	5.93	3.20	0.54	2148	5.72	3.09	0.54	2242
26	22	6.63	2.78	0.42	2053	6.40	2.69	0.42	2183	6.24	2.62	0.42	2242	5.98	2.51	0.42	2336
26	24	6.97	2.09	0.30	2148	6.71	2.01	0.30	2266	6.55	1.97	0.30	2336	6.34	1.90	0.30	2454
26	26	7.18	1.29	0.18	2266	6.97	1.25	0.18	2384	6.86	1.24	0.18	2454	6.66	1.20	0.18	2525
27	18	6.11	4.28	0.70	1888	5.85	4.10	0.70	1982	5.62	3.93	0.70	2077	5.41	3.79	0.70	2171
27	20	6.37	3.69	0.58	1982	6.11	3.54	0.58	2100	5.93	3.44	0.58	2148	5.72	3.32	0.58	2242
27	22	6.63	3.05	0.46	2053	6.40	2.94	0.46	2183	6.24	2.87	0.46	2242	5.98	2.75	0.46	2336
27	24	6.97	2.37	0.34	2148	6.71	2.28	0.34	2266	6.55	2.23	0.34	2336	6.34	2.16	0.34	2454
27	26	7.18	1.58	0.22	2266	6.97	1.53	0.22	2384	6.86	1.51	0.22	2454	6.66	1.46	0.22	2525
28	18	6.11	4.52	0.74	1888	5.85	4.33	0.74	1982	5.62	4.16	0.74	2077	5.41	4.00	0.74	2171
28	20	6.37	3.95	0.62	1982	6.11	3.79	0.62	2100	5.93	3.68	0.62	2148	5.72	3.55	0.62	2242
28	22	6.63	3.32	0.50	2053	6.40	3.20	0.50	2183	6.24	3.12	0.50	2242	5.98	2.99	0.50	2336
28	24	6.97	2.65	0.38	2148	6.71	2.55	0.38	2266	6.55	2.49	0.38	2336	6.34	2.41	0.38	2454
28	26	7.18	1.87	0.26	2266	6.97	1.81	0.26	2384	6.86	1.78	0.26	2454	6.66	1.73	0.26	2525
29	18	6.11	4.77	0.78	1888	5.85	4.56	0.78	1982	5.62	4.38	0.78	2077	5.41	4.22	0.78	2171
29	20	6.37	4.20	0.66	1982	6.11	4.03	0.66	2100	5.93	3.91	0.66	2148	5.72	3.78	0.66	2242
29	22	6.63	3.58	0.54	2053	6.40	3.45	0.54	2183	6.24	3.37	0.54	2242	5.98	3.23	0.54	2336
29	24	6.97	2.93	0.42	2148	6.71	2.82	0.42	2266	6.55	2.75	0.42	2336	6.34	2.66	0.42	2454
29	26	7.18	2.15	0.30	2266	6.97	2.09	0.30	2384	6.86	2.06	0.30	2454	6.66	2.00	0.30	2525
30	18	6.11	5.01	0.82	1888	5.85	4.80	0.82	1982	5.62	4.61	0.82	2077	5.41	4.43	0.82	2171
30	20	6.37	4.46	0.70	1982	6.11	4.28	0.70	2100	5.93	4.15	0.70	2148	5.72	4.00	0.70	2242
30	22	6.63	3.85	0.58	2053	6.40	3.71	0.58	2183	6.24	3.62	0.58	2242	5.98	3.47	0.58	2336
30	24	6.97	3.21	0.46	2148	6.71	3.09	0.46	2266	6.55	3.01	0.46	2336	6.34	2.92	0.46	2454
30	26	7.18	2.44	0.34	2266	6.97	2.37	0.34	2384	6.86	2.33	0.34	2454	6.66	2.26	0.34	2525
31	18	6.11	5.25	0.86	1888	5.85	5.03	0.86	1982	5.62	4.83	0.86	2077	5.41	4.65	0.86	2171
31	20	6.37	4.71	0.74	1982	6.11	4.52	0.74	2100	5.93	4.39	0.74	2148	5.72	4.23	0.74	2242
31	22	6.63	4.11	0.62	2053	6.40	3.97	0.62	2183	6.24	3.87	0.62	2242	5.98	3.71	0.62	2336
31	24	6.97	3.48	0.50	2148	6.71	3.35	0.50	2266	6.55	3.28	0.50	2336	6.34	3.17	0.50	2454
31	26	7.18	2.73	0.38	2266	6.97	2.65	0.38	2384	6.86	2.61	0.38	2454	6.66	2.53	0.38	2525
32	18	6.11	5.50	0.90	1888	5.85	5.27	0.90	1982	5.62	5.05	0.90	2077	5.41	4.87	0.90	2171
32	20	6.37	4.97	0.78	1982	6.11	4.77	0.78	2100	5.93	4.62	0.78	2148	5.72	4.46	0.78	2242
32	22	6.63	4.38	0.66	2053	6.40	4.22	0.66	2183	6.24	4.12	0.66	2242	5.98	3.95	0.66	2336
32	24	6.97	3.76	0.54	2148	6.71	3.62	0.54	2266	6.55	3.54	0.54	2336	6.34	3.43	0.54	2454
32	26	7.18	3.01	0.42	2266	6.97	2.93	0.42	2384	6.86	2.88	0.42	2454	6.66	2.80	0.42	2525

PERFORMANCE DATA
COOLING operation(240V)
SL-2AR
CAPACITY : 5.2 kW INPUT : 2360 W SHF : 0.64

		OUTDOOR D.B.(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	W.B.(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5.10	2.34	0.46	2313	4.68	2.15	0.46	2454	4.32	1.99	0.46	2549
21	20	5.36	1.82	0.34	2407	4.99	1.70	0.34	2525	4.63	1.57	0.34	2667
22	18	5.10	2.55	0.50	2313	4.68	2.34	0.50	2454	4.32	2.16	0.50	2549
22	20	5.36	2.04	0.38	2407	4.99	1.90	0.38	2525	4.63	1.76	0.38	2667
22	22	5.67	1.47	0.26	2502	5.30	1.38	0.26	2643	4.94	1.28	0.26	2738
23	18	5.10	2.75	0.54	2313	4.68	2.53	0.54	2454	4.32	2.33	0.54	2549
23	20	5.36	2.25	0.42	2407	4.99	2.10	0.42	2525	4.63	1.94	0.42	2667
23	22	5.67	1.70	0.30	2502	5.30	1.59	0.30	2643	4.94	1.48	0.30	2738
24	18	5.10	2.96	0.58	2313	4.68	2.71	0.58	2454	4.32	2.50	0.58	2549
24	20	5.36	2.46	0.46	2407	4.99	2.30	0.46	2525	4.63	2.13	0.46	2667
24	22	5.67	1.93	0.34	2502	5.30	1.80	0.34	2643	4.94	1.68	0.34	2738
24	24	5.98	1.32	0.22	2596	5.62	1.24	0.22	2714	5.30	1.17	0.22	2832
25	20	5.36	2.68	0.50	2407	4.99	2.50	0.50	2525	4.63	2.31	0.50	2667
25	22	5.67	2.15	0.38	2502	5.30	2.02	0.38	2643	4.94	1.88	0.38	2738
25	24	5.98	1.55	0.26	2596	5.62	1.46	0.26	2714	5.30	1.38	0.26	2832
26	18	5.10	3.36	0.66	2313	4.68	3.09	0.66	2454	4.32	2.85	0.66	2549
26	20	5.36	2.89	0.54	2407	4.99	2.70	0.54	2525	4.63	2.50	0.54	2667
26	22	5.67	2.38	0.42	2502	5.30	2.23	0.42	2643	4.94	2.07	0.42	2738
26	24	5.98	1.79	0.30	2596	5.62	1.68	0.30	2714	5.30	1.59	0.30	2832
26	26	6.29	1.13	0.18	2690	5.93	1.07	0.18	2808	5.56	1.00	0.18	2926
27	18	5.10	3.57	0.70	2313	4.68	3.28	0.70	2454	4.32	3.02	0.70	2549
27	20	5.36	3.11	0.58	2407	4.99	2.90	0.58	2525	4.63	2.68	0.58	2667
27	22	5.67	2.61	0.46	2502	5.30	2.44	0.46	2643	4.94	2.27	0.46	2738
27	24	5.98	2.03	0.34	2596	5.62	1.91	0.34	2714	5.30	1.80	0.34	2832
27	26	6.29	1.38	0.22	2690	5.93	1.30	0.22	2808	5.56	1.22	0.22	2926
28	18	5.10	3.77	0.74	2313	4.68	3.46	0.74	2454	4.32	3.19	0.74	2549
28	20	5.36	3.32	0.62	2407	4.99	3.10	0.62	2525	4.63	2.87	0.62	2667
28	22	5.67	2.83	0.50	2502	5.30	2.65	0.50	2643	4.94	2.47	0.50	2738
28	24	5.98	2.27	0.38	2596	5.62	2.13	0.38	2714	5.30	2.02	0.38	2832
28	26	6.29	1.64	0.26	2690	5.93	1.54	0.26	2808	5.56	1.45	0.26	2926
29	18	5.10	3.97	0.78	2313	4.68	3.65	0.78	2454	4.32	3.37	0.78	2549
29	20	5.36	3.53	0.66	2407	4.99	3.29	0.66	2525	4.63	3.05	0.66	2667
29	22	5.67	3.06	0.54	2502	5.30	2.86	0.54	2643	4.94	2.67	0.54	2738
29	24	5.98	2.51	0.42	2596	5.62	2.36	0.42	2714	5.30	2.23	0.42	2832
29	26	6.29	1.89	0.30	2690	5.93	1.78	0.30	2808	5.56	1.67	0.30	2926
30	18	5.10	4.18	0.82	2313	4.68	3.84	0.82	2454	4.32	3.54	0.82	2549
30	20	5.36	3.75	0.70	2407	4.99	3.49	0.70	2525	4.63	3.24	0.70	2667
30	22	5.67	3.29	0.58	2502	5.30	3.08	0.58	2643	4.94	2.87	0.58	2738
30	24	5.98	2.75	0.46	2596	5.62	2.58	0.46	2714	5.30	2.44	0.46	2832
30	26	6.29	2.14	0.34	2690	5.93	2.02	0.34	2808	5.56	1.89	0.34	2926
31	18	5.10	4.38	0.86	2313	4.68	4.02	0.86	2454	4.32	3.71	0.86	2549
31	20	5.36	3.96	0.74	2407	4.99	3.69	0.74	2525	4.63	3.42	0.74	2667
31	22	5.67	3.51	0.62	2502	5.30	3.29	0.62	2643	4.94	3.06	0.62	2738
31	24	5.98	2.99	0.50	2596	5.62	2.81	0.50	2714	5.30	2.65	0.50	2832
31	26	6.29	2.39	0.38	2690	5.93	2.25	0.38	2808	5.56	2.11	0.38	2926
32	18	5.10	4.59	0.90	2313	4.68	4.21	0.90	2454	4.32	3.88	0.90	2549
32	20	5.36	4.18	0.78	2407	4.99	3.89	0.78	2525	4.63	3.61	0.78	2667
32	22	5.67	3.74	0.66	2502	5.30	3.50	0.66	2643	4.94	3.26	0.66	2738
32	24	5.98	3.23	0.54	2596	5.62	3.03	0.54	2714	5.30	2.86	0.54	2832
32	26	6.29	2.64	0.42	2690	5.93	2.49	0.42	2808	5.56	2.34	0.42	2926

PERFORMANCE DATA
HEATING operation(220V)
SLH-1AR
CAPACITY : 3.0 kW INPUT : 1010 W

	OUTDOOR W.B.(℃)													
INDOOR	-10		-5		0		5		10		15		20	
D.B.(℃)	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
15	1.89	657	2.28	788	2.67	889	3.06	960	3.45	1020	3.81	1050	4.20	1071
21	1.80	707	2.16	838	2.55	929	2.91	1000	3.30	1050	3.66	1081	4.04	1121
26	1.62	758	2.01	889	2.37	980	2.76	1050	3.15	1101	3.51	1131	3.90	1162

SLH-1.6AR
CAPACITY : 4.5 kW INPUT : 1510 W

	OUTDOOR W.B.(℃)													
INDOOR	-10		-5		0		5		10		15		20	
D.B.(℃)	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
15	2.84	982	3.42	1178	4.01	1329	4.59	1435	5.18	1525	5.72	1570	6.30	1601
21	2.70	1057	3.24	1253	3.83	1389	4.37	1495	4.95	1570	5.49	1616	6.05	1676
26	2.43	1133	3.02	1329	3.56	1465	4.14	1570	4.73	1646	5.27	1691	5.85	1737

SLH-2AR
CAPACITY : 5.4 kW INPUT : 2180 W

	OUTDOOR W.B.(℃)													
INDOOR	-10		-5		0		5		10		15		20	
D.B.(℃)	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
15	3.40	1417	4.10	1700	4.81	1918	5.51	2071	6.21	2202	6.86	2267	7.56	2311
21	3.24	1526	3.89	1809	4.59	2006	5.24	2158	5.94	2267	6.59	2333	7.26	2420
26	2.92	1635	3.62	1918	4.27	2115	4.97	2267	5.67	2376	6.32	2442	7.02	2507

HEATING operation(240V)
SLH-1AR
CAPACITY : 3.1 kW INPUT : 1050 W

	OUTDOOR W.B.(℃)													
INDOOR	-10		-5		0		5		10		15		20	
D.B.(℃)	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
15	1.95	683	2.36	819	2.76	924	3.16	998	3.57	1061	3.94	1092	4.34	1113
21	1.86	735	2.23	872	2.64	966	3.01	1040	3.41	1092	3.78	1124	4.17	1166
26	1.67	788	2.08	924	2.45	1019	2.85	1092	3.26	1145	3.63	1176	4.03	1208

SLH-1.6AR
CAPACITY : 4.6 kW INPUT : 1610 W

	OUTDOOR W.B.(℃)													
INDOOR	-10		-5		0		5		10		15		20	
D.B.(℃)	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
15	2.90	1047	3.50	1256	4.09	1417	4.69	1530	5.29	1626	5.84	1674	6.44	1707
21	2.76	1127	3.31	1336	3.91	1481	4.46	1594	5.06	1674	5.61	1723	6.19	1787
26	2.48	1208	3.08	1417	3.63	1562	4.23	1674	4.83	1755	5.38	1803	5.98	1852

SLH-2AR
CAPACITY : 5.5 kW INPUT : 2220 W

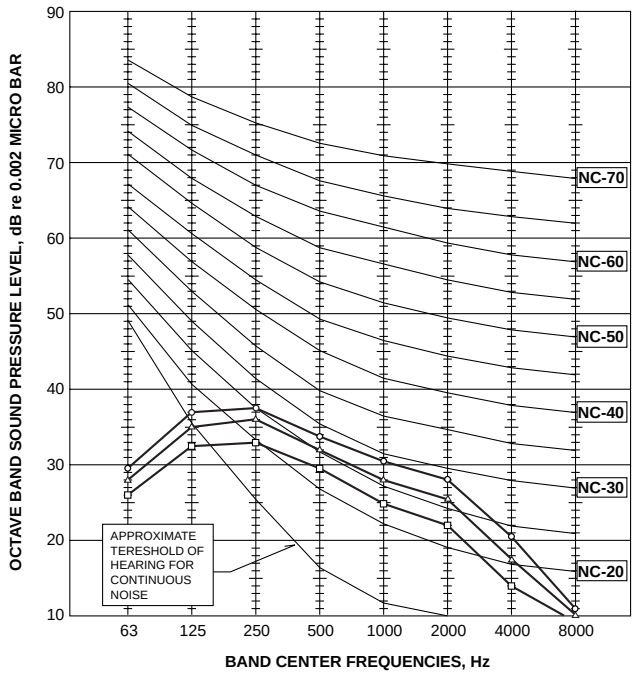
	OUTDOOR W.B.(℃)													
INDOOR	-10		-5		0		5		10		15		20	
D.B.(℃)	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
15	3.47	1443	4.18	1732	4.90	1954	5.61	2109	6.33	2242	6.99	2309	7.70	2353
21	3.30	1554	3.96	1843	4.68	2042	5.34	2198	6.05	2309	6.71	2375	7.40	2464
26	2.97	1665	3.69	1954	4.35	2153	5.06	2309	5.78	2420	6.44	2486	7.15	2553

NOISE CRITERION CURVES

SLH-1AR.TH
SLH-1AR$_1$.TH
SL-1AR.TH
SL-1AR.TH-T

<50Hz>

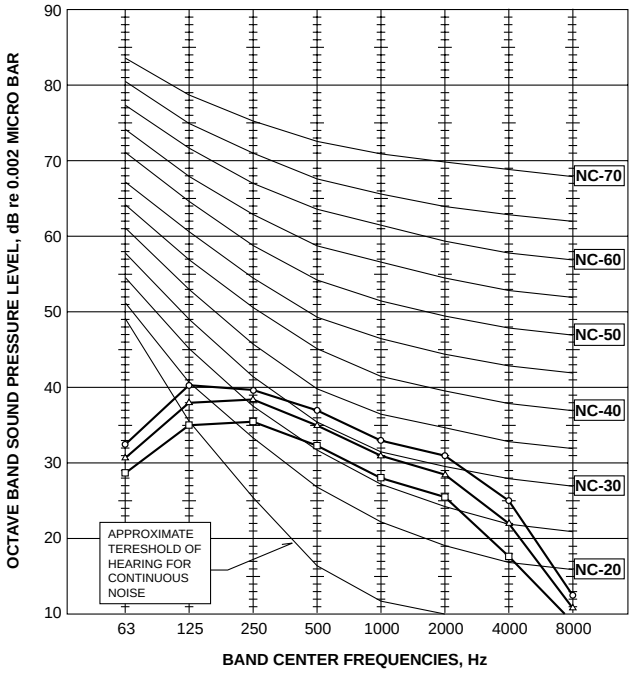
NOTCH	SPL(dB)	LINE
Hi	36	○—○
Me	34	△—△
Lo	31	□—□



SLH-1.6AR.TH
SLH-1.6AR$_1$.TH
SL-1.6AR.TH
SL-1.6AR.TH-T

<50Hz>

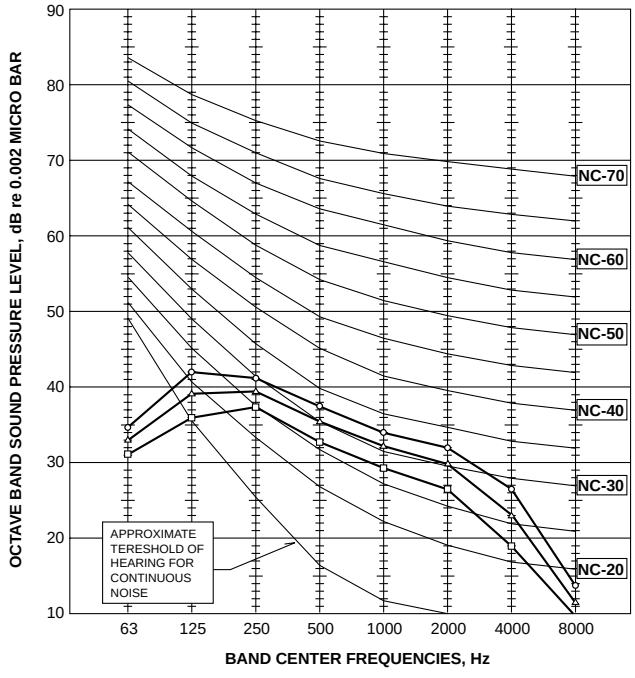
NOTCH	SPL(dB)	LINE
Hi	39	○—○
Me	37	△—△
Lo	34	□—□

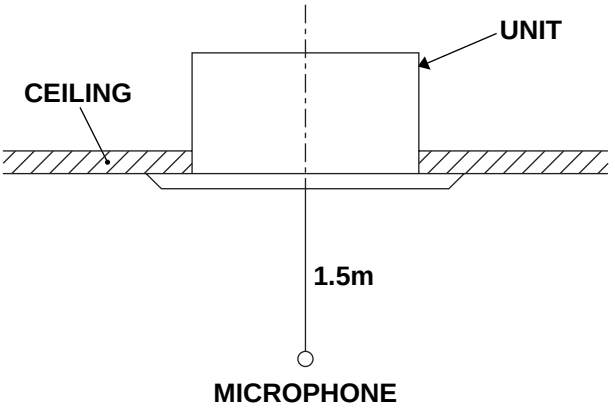


SLH-2AR.TH
SLH-2AR$_1$.TH
SL-2AR.TH
SL-2AR.TH-T

<50Hz>

NOTCH	SPL(dB)	LINE
Hi	40	○—○
Me	38	△—△
Lo	35	□—□





Ambient temperature 27℃

Test conditions are based on JIS Z8731

NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

4 OUTLINES AND DIMENSIONS

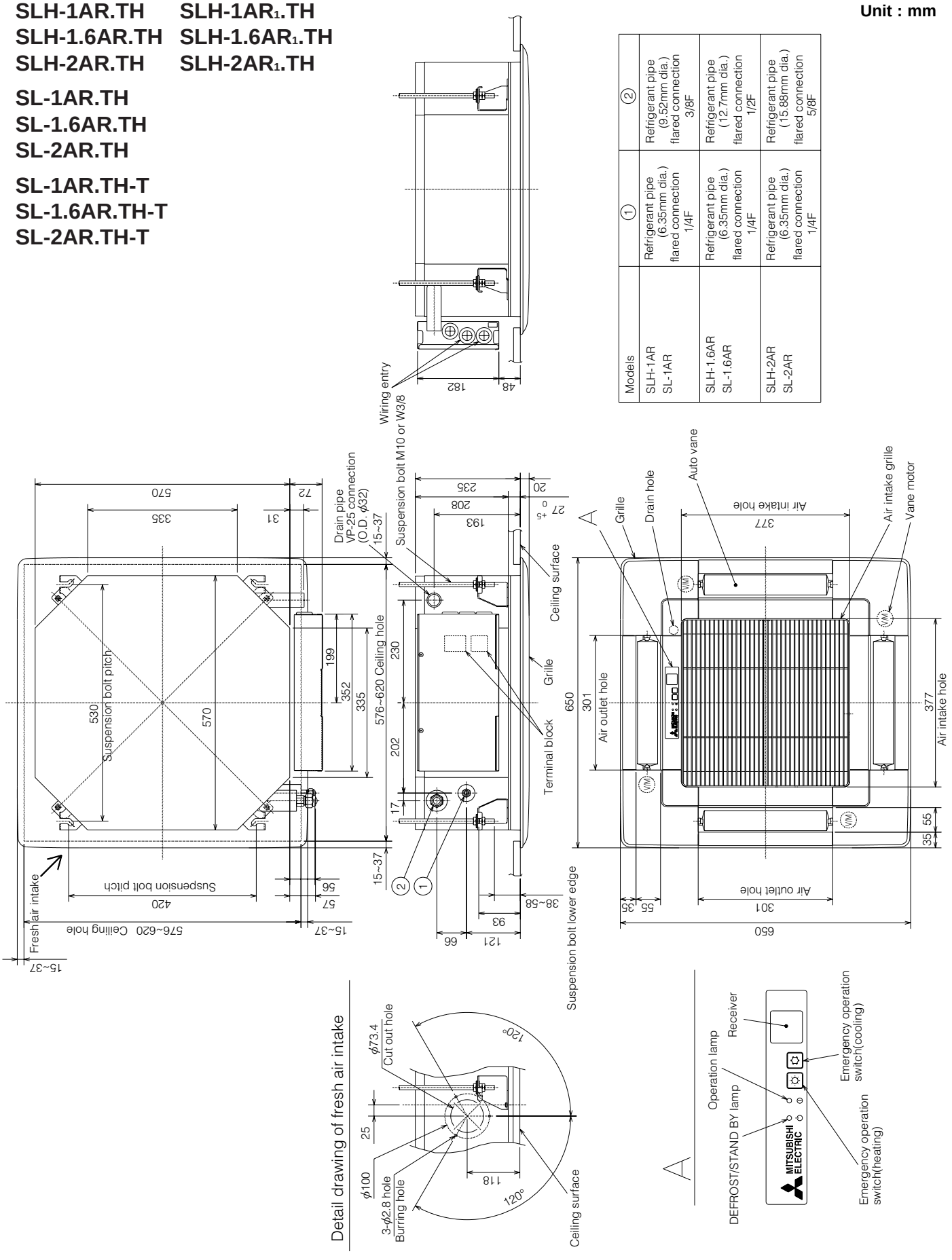
SLH-1AR.TH **SLH-1AR1.TH**
SLH-1.6AR.TH **SLH-1.6AR1.TH**
SLH-2AR.TH **SLH-2AR1.TH**

SL-1AR.TH
SL-1.6AR.TH
SL-2AR.TH

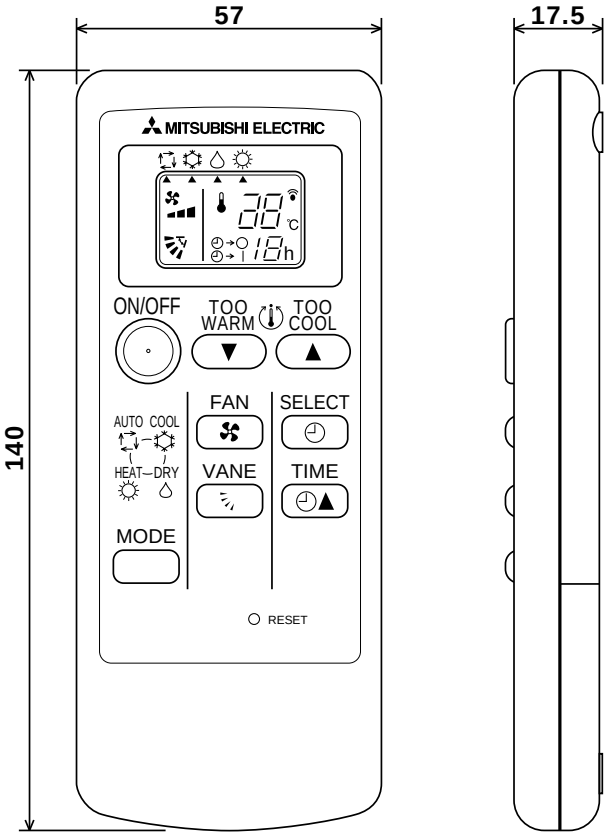
SL-1AR.TH-T
SL-1.6AR.TH-T
SL-2AR.TH-T

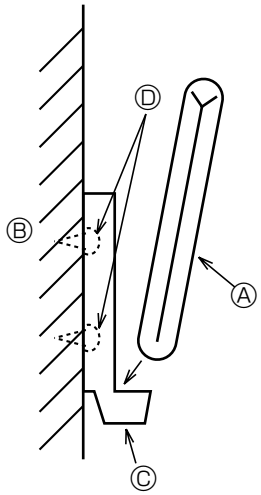
Unit : mm

Models	①	②
SLH-1AR SL-1AR	Refrigerant pipe (6.35mm dia.) flared connection 1/4F	Refrigerant pipe (9.52mm dia.) flared connection 3/8F
SLH-1.6AR SL-1.6AR	Refrigerant pipe (6.35mm dia.) flared connection 1/4F	Refrigerant pipe (12.7mm dia.) flared connection 1/2F
SLH-2AR SL-2AR	Refrigerant pipe (6.35mm dia.) flared connection 1/4F	Refrigerant pipe (15.88mm dia.) flared connection 5/8F



REMOTE CONTROLLER





Installation area

- Area in which the remote controller is not exposed direct sunshine.
- Area in which there is no nearby heating source.
- Area in which the remote controller is not exposed to cold (or hot) winds.
- Area in which the remote controller can be operated easily
- Area in which the remote controller is beyond the reach of children.

Installation method

① Attach the remote controller holder to the desired location using two tapping screws.

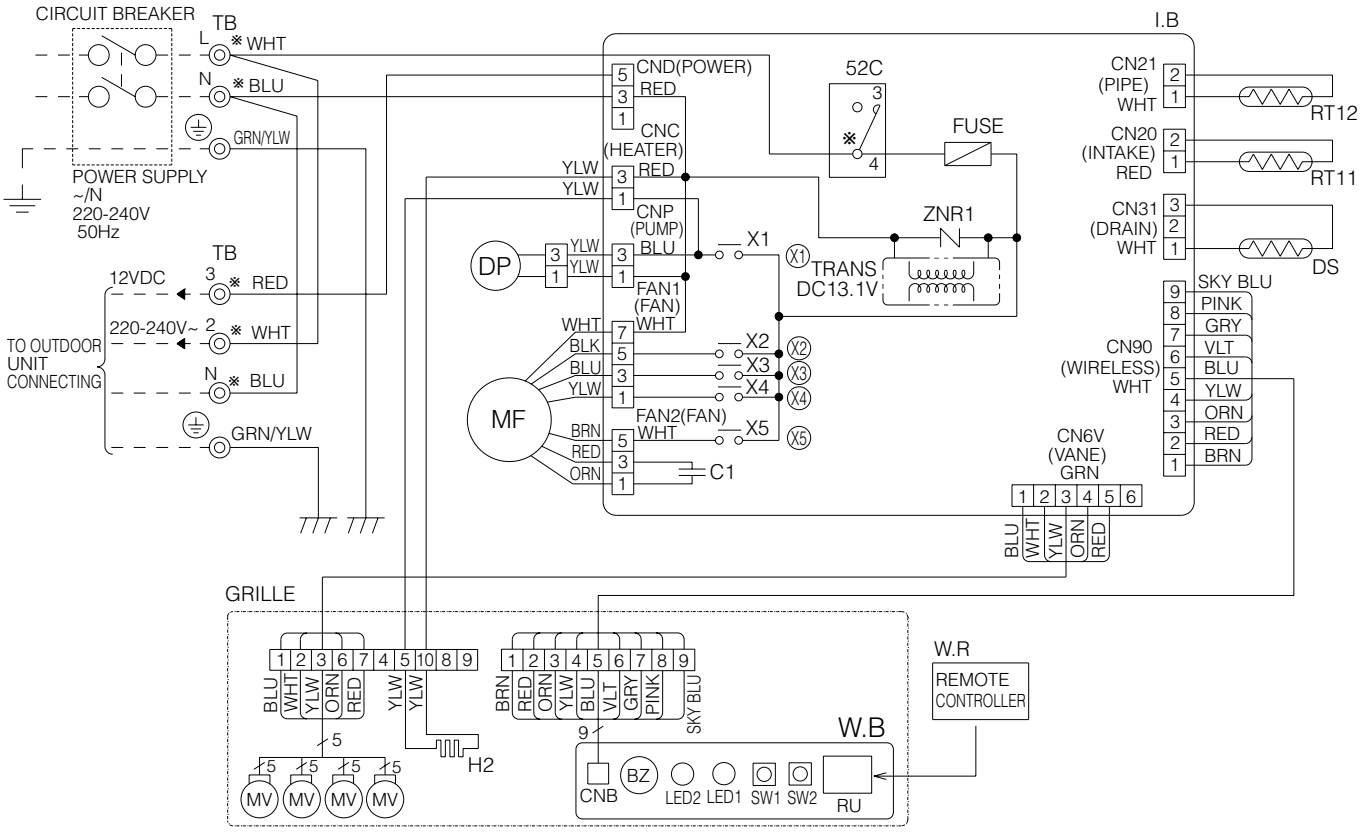
② Place the lower end of the controller into the holder.

Ⓐ Wireless remote controller (Accessory)
Ⓑ Wall
Ⓒ Remote controller holder (Accessory)
Ⓓ Fixing screw (Accessory)

- The signal can travel up to approximately 7 meters (in a straight line) within 45 degrees to both right and left of the center line of the receiver.
  In addition, the signal may not be received if there is interference of light of fluorescent lights or strong sunlight.

5 WIRING DIAGRAM

SLH-1AR.TH
SLH-1.6AR.TH
SLH-2AR.TH



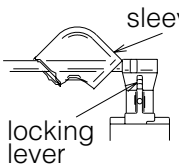
[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	W.B	WIRELESS REMOTE CONTROLLER BOARD	DP	DRAIN-UP MACHINE
				DS	DRAIN SENSOR
C1	FAN MOTOR CAPACITOR	BZ	BUZZER	H2	DEW PREVENTION HEATER
FUSE	FUSE(3.15A)	LED1	LED(RUN INDICATOR)	MF	FAN MOTOR
X1	RELAY(D.PUMP /D.HEATER)	LED2	LED (HOT ADJUST)	MV	VANE MOTOR
X2-X5	RELAY (FAN MOTOR)	SW1	SWITCH (HEATING ON/OFF)	RT11	ROOM TEMP. THERMISTOR
ZNR1	VARISTOR	SW2	SWITCH (COOLING ON/OFF)	RT12	COIL TEMP. THERMISTOR
52C	COMPRESSOR CONTACTOR	RU	RECEVING UNIT	TB	TERMINAL BLOCK
				W.R	WIRELESS REMOTE CONTROLLER

NOTES: 1.About the outdoor side electric wiring refer to the outdoor unit electlic wiring diagram for servicing.
2.Use copper conductors only. (For field wiring)
3.Symbols below indicate.
◎ : Terminal block ⊏⊐ : Connector

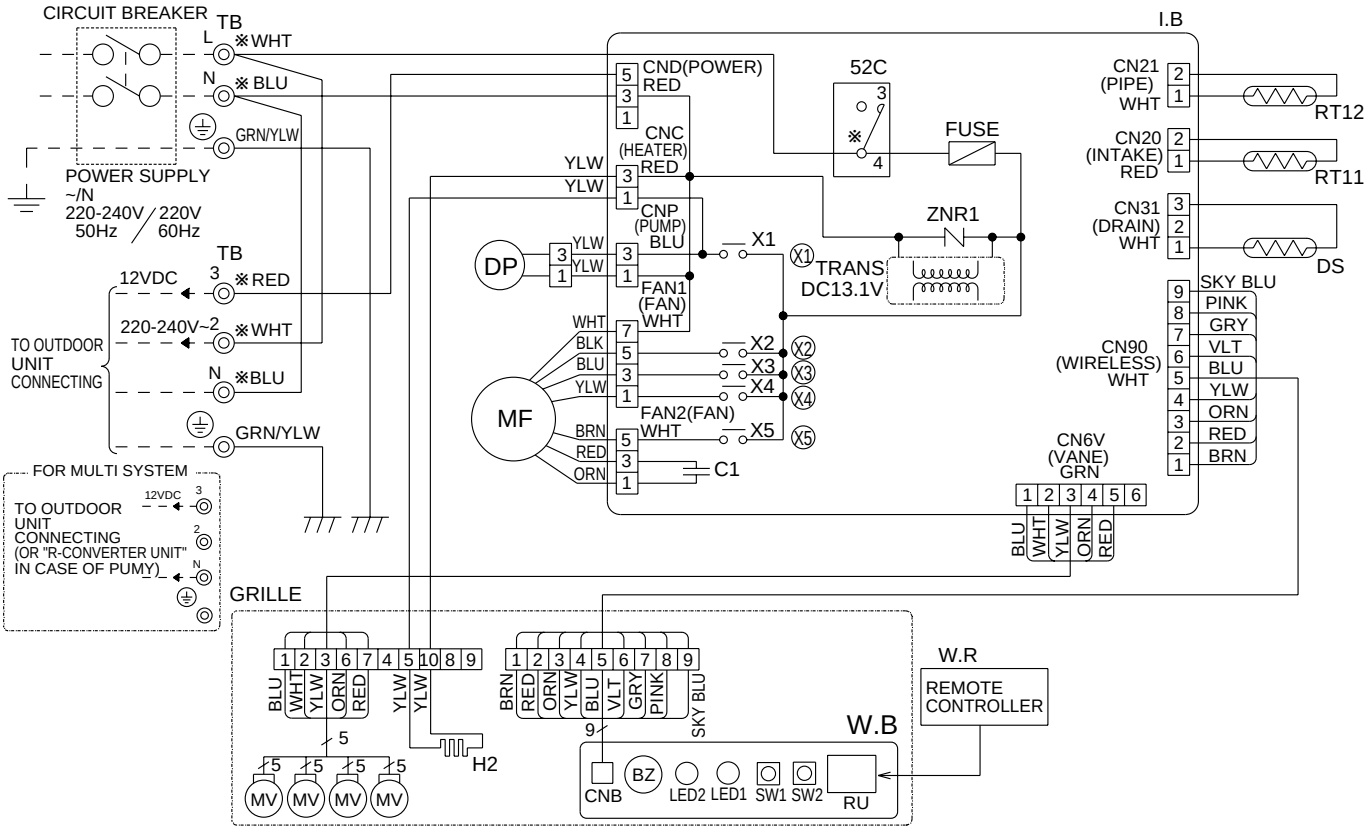
How to remove the terminals shown at "※" mark.

"※" shows the terminals with a lock mechanism, so they cannot be removed when you pull the lead wire.Be sure to pull the wire by pushing the locking lever (projected part) of the terminal with a finger.



①Slide the sleeve.
②Pull the wire while pushing the locking lever.

SLH-1AR1.TH
SLH-1.6AR1.TH
SLH-2AR1.TH



[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	W.B	WIRELESS REMOTE CONTROLLER BOARD	DP	DRAIN-UP MACHINE
				DS	DRAIN SENSOR
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FUSE	FUSE(3.15A)	LED1	LED(RUN INDICATOR)	MF	FAN MOTOR
X1	RELAY(D.PUMP /D.HEATER)	LED2	LED (HOT ADJUST)	MV	VANE MOTOR
X2-X5	RELAY (FAN MOTOR)	SW1	SWITCH (HEATING ON/OFF)	RT11	ROOM TEMP. THERMISTOR
ZNR1	VARISTOR	SW2	SWITCH (COOLING ON/OFF)	RT12	COIL TEMP. THERMISTOR
52C	COMPRESSOR CONTACTOR	RU	RECEVING UNIT	TB	TERMINAL BLOCK
				W.R	WIRELESS REMOTE CONTROLLER

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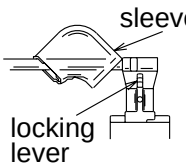
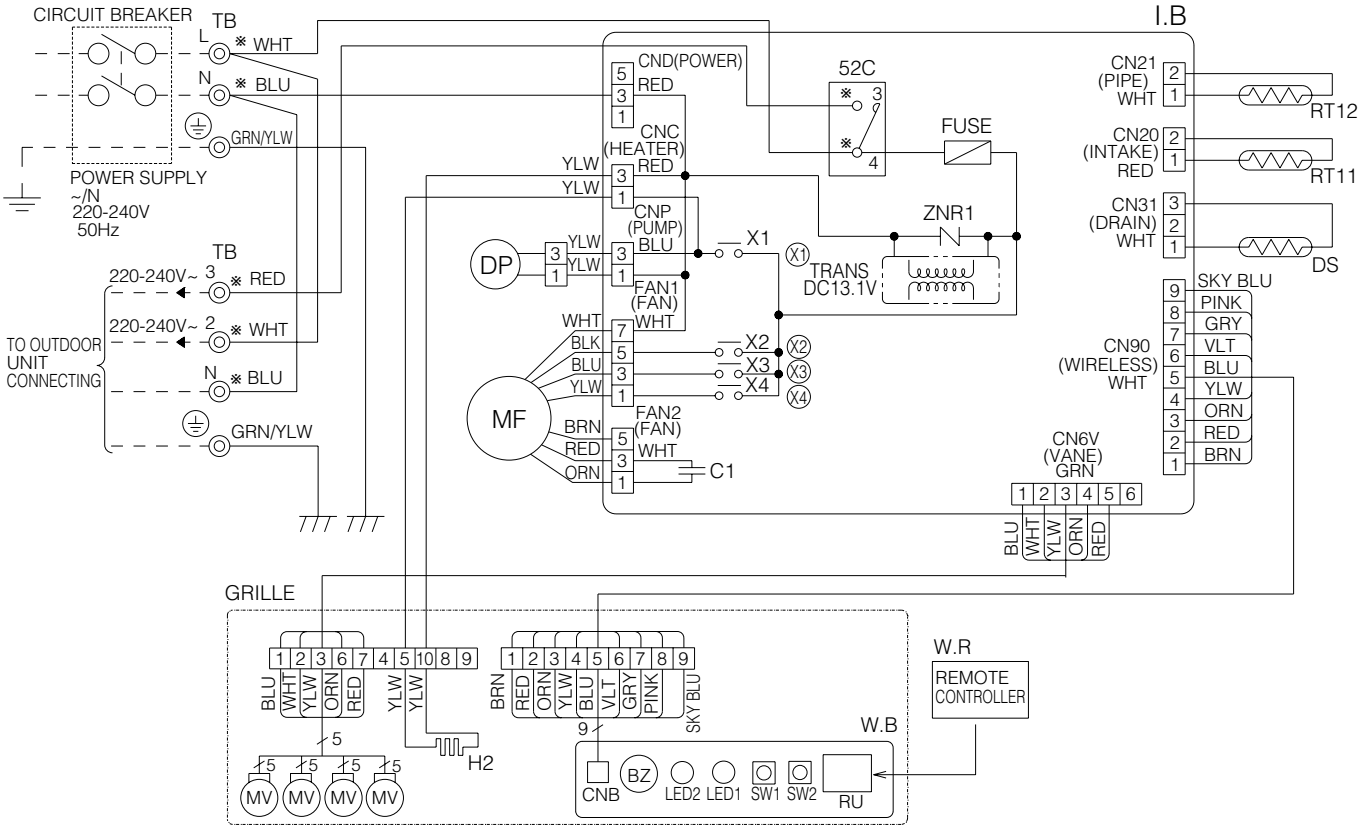


①Slide the sleeve.
②Pull the wire while pushing the locking lever.

NOTES: 1. About the outdoor side electric wiring refer to the outdoor unit electlic wiring diagram for servicing.
2. Use copper conductors only. (For field wiring)
3. Symbols below indicate.
◎ : Terminal block ⊏⊏⊏⊐ : Connector

SL-1AR.TH SL-1AR.TH-T
SL-1.6AR.TH SL-1.6AR.TH-T
SL-2AR.TH SL-2AR.TH-T



[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	W.B	WIRELESS REMOTE CONTROLLER BOARD	DP	DRAIN-UP MACHINE
				DS	DRAIN SENSOR
C1	FAN MOTOR CAPACITOR	BZ	BUZZER	H2	DEW PREVENTION HEATER
FUSE	FUSE(3.15A)	LED1	LED(RUN INDICATOR)	MF	FAN MOTOR
X1	RELAY(D.PUMP /D.HEATER)	LED2	LED (——)	MV	VANE MOTOR
X2-X4	RELAY (FAN MOTOR)	SW1	SWITCH (——)	RT11	ROOM TEMP. THERMISTOR
ZNR1	VARISTOR	SW2	SWITCH (COOLING ON/OFF)	RT12	COIL TEMP. THERMISTOR
52C	COMPRESSOR CONTACTOR	RU	RECEVING UNIT	TB	TERMINAL BLOCK
				W.R	WIRELESS REMOTE CONTROLLER

NOTES: 1.About the outdoor side electric wiring refer to the outdoor unit electlic wiring diagram for servicing.
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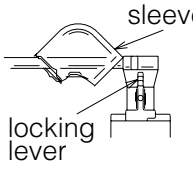
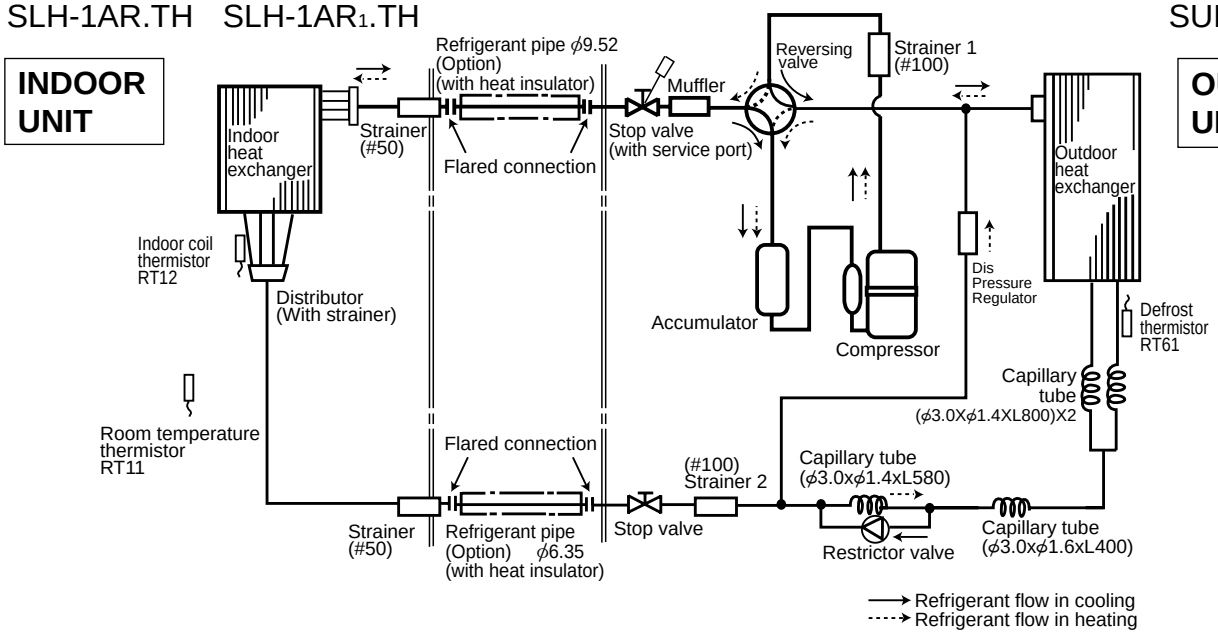


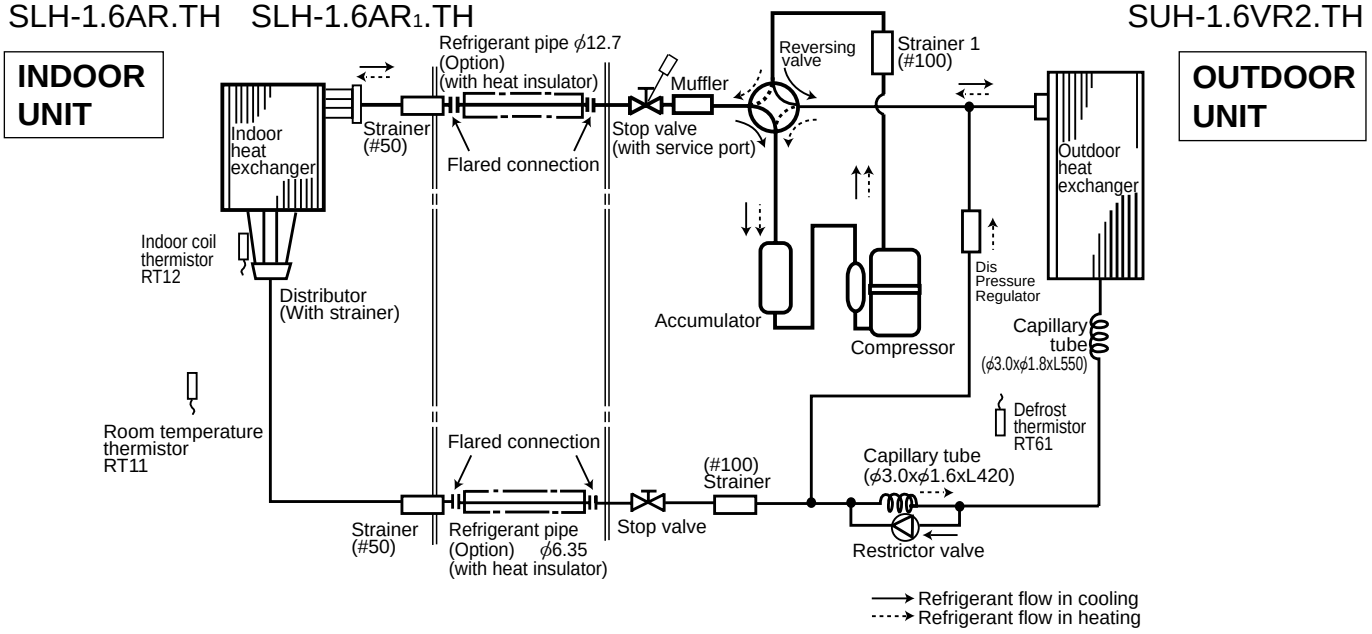
①Slide the sleeve.
②Pull the wire while pushing the locking lever.

6 REFRIGERANT SYSTEM DIAGRAM

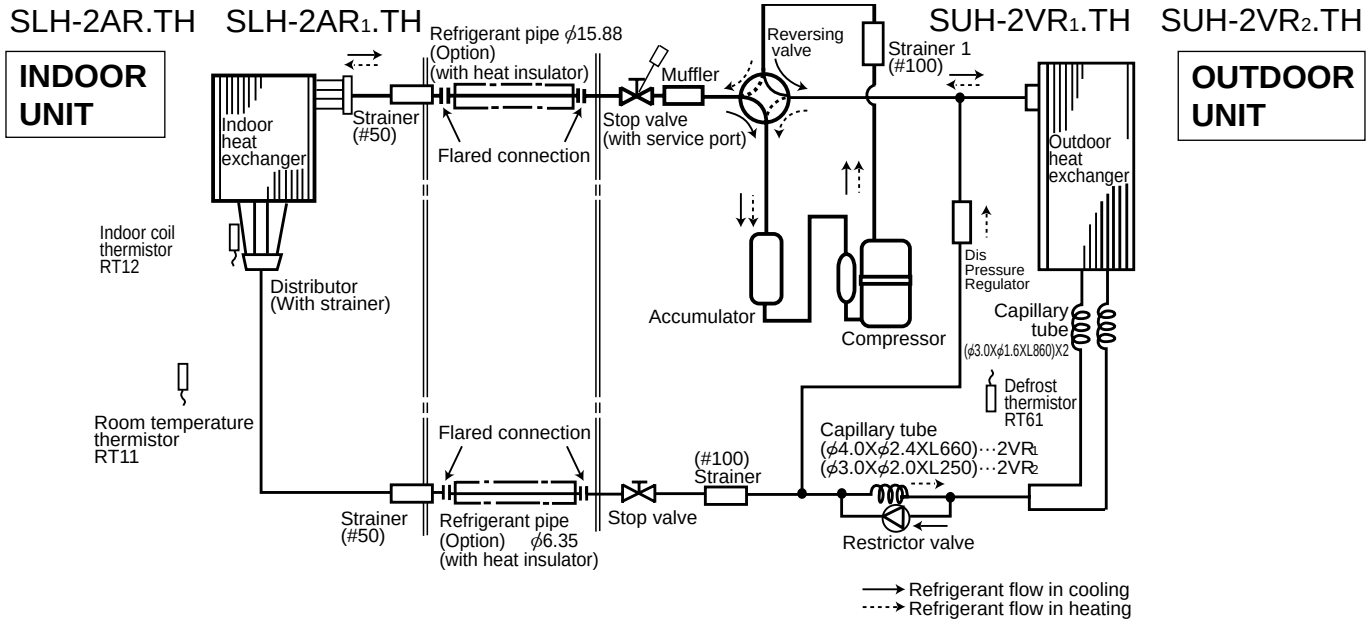
SLH-1AR.TH SLH-1AR1.TH



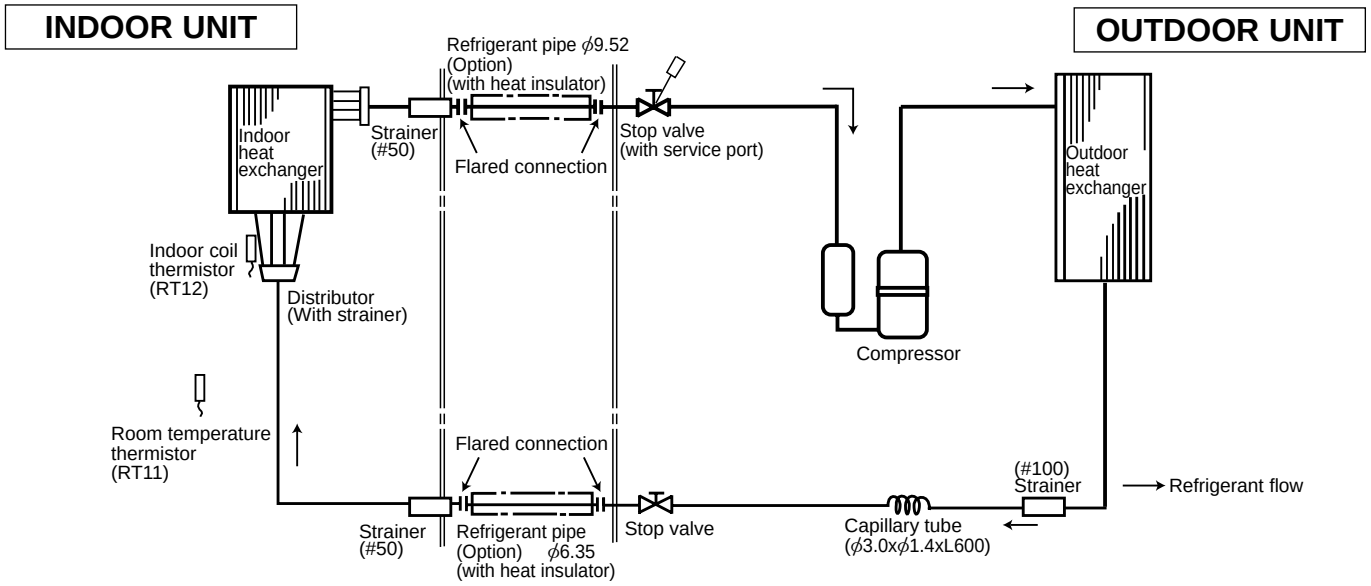
SLH-1.6AR.TH SLH-1.6AR1.TH SUH-1.6VR2.TH



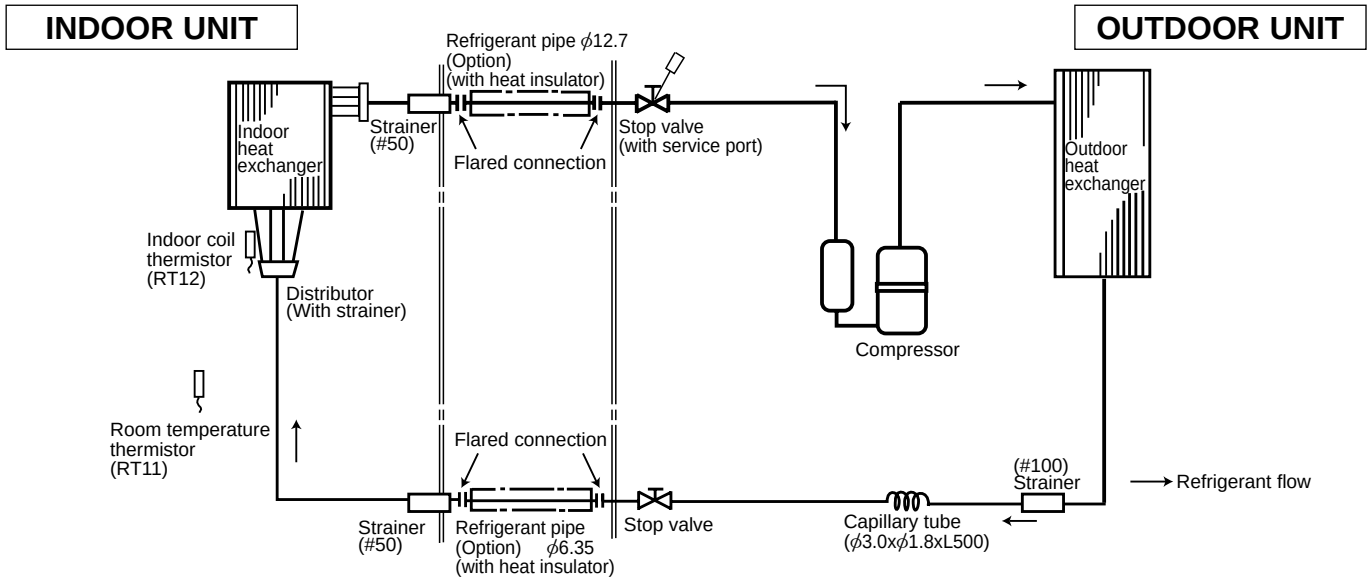
SLH-2AR.TH SLH-2AR1.TH SUH-2VR1.TH SUH-2VR2.TH



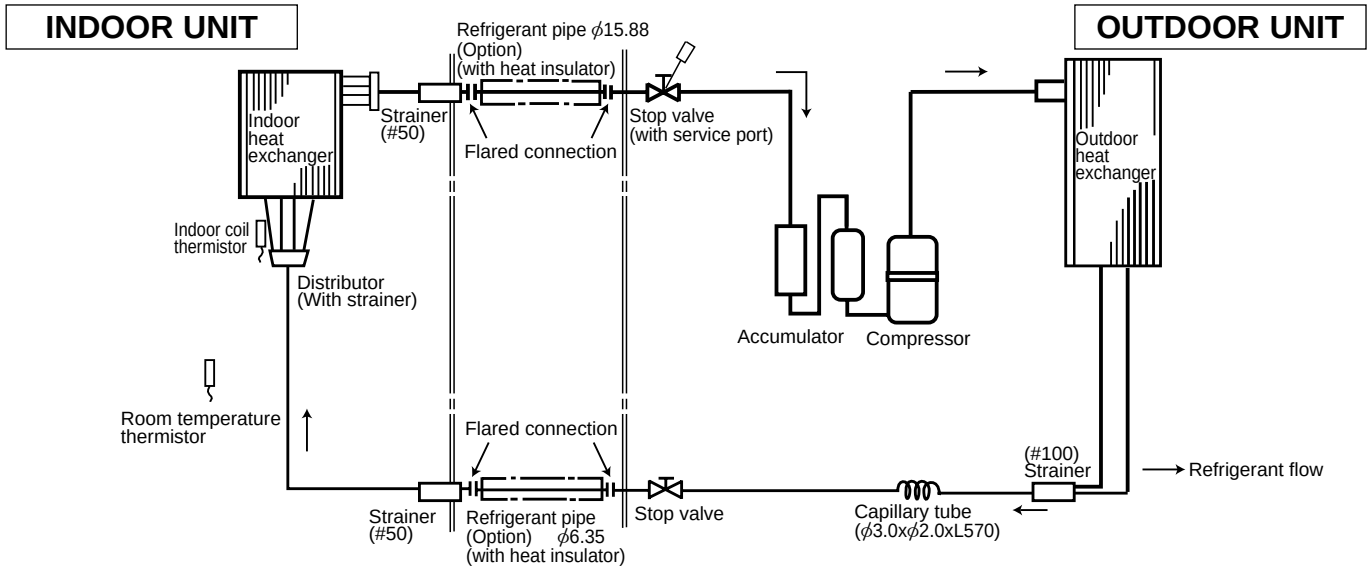
SL-1AR.TH SL-1AR.TH-T SU-1VR.TH SU-1VR.TH-T



SL-1.6AR.TH SL-1.6AR.TH-T SU-1.6VR2.TH SU-1.6VR2.TH-T



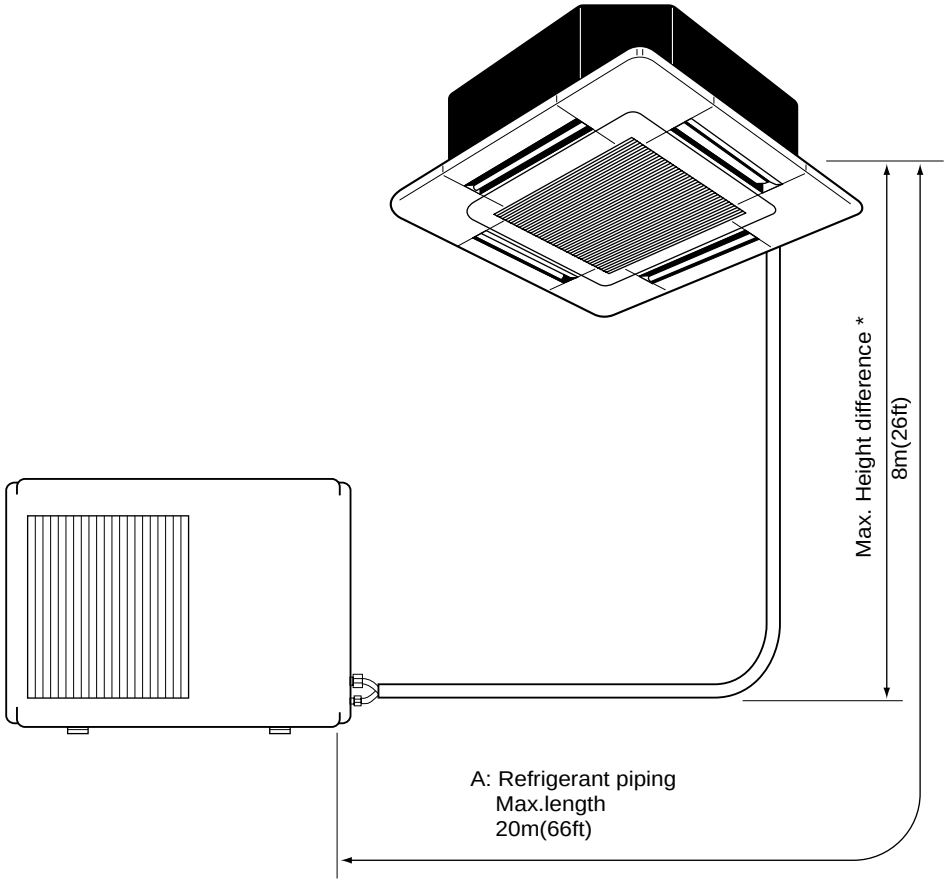
SL-2AR.TH SL-2AR.TH-T SU-2VR1.TH SU-2VR1.TH-T



MAX. REFRIGERANT PIPING LENGTH & MAX. HEIGHT DIFFERENCE

Models		Length : m(ft)	Piping size O.D. : mm (in.)	
Indoor unit	Outdoor unit	A	Gas	Liquid
SLH-1AR.TH, SLH-1AR1.TH SL-1AR.TH SL-1AR.TH-T	SUH-1VR.TH SU-1VR.TH SU-1VR.TH-T	20(66)	ϕ9.52(3/8)	ϕ6.35(1/4)
SLH-1.6AR.TH, SLH-1.6AR1.TH SL-1.6AR.TH SL-1.6AR.TH-T	SUH-1.6VR2.TH SU-1.6VR2.TH SU-1.6VR2.TH-T		ϕ12.7(1/2)	
SLH-2AR.TH, SLH-2AR1.TH SL-2AR.TH SL-2AR.TH-T	SUH-2VR1.TH, SUH-2VR2.TH SU-2VR1.TH SU-2VR1.TH-T		ϕ15.88(5/8)	

※It does not matter which unit is higher.



ADDITIONAL REFRIGERANT CHARGE (R-22 : g)

If pipe length exceeds 7m, additional refrigerant (Freon 22) charge is required

(g)

Models		Outdoor unit precharged (up to 7m)	Refrigerant piping length (one way)													
Indoor unit	Outdoor unit		7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
SLH-1AR.TH, SLH-1AR1.TH	SUH-1VR.TH	800	0	25	50	75	100	125	150	175	200	225	250	275	300	325
SLH-1.6AR.TH, SLH-1.6AR1.TH	SUH-1.6VR2.TH	1,400	0	50	100	150	200	250	300	350	400	450	500	550	600	650
SLH-2AR.TH, SLH-2AR1.TH	SUH-2VR1.TH, SUH-2VR2.TH	1,800														
SL-1AR.TH, SL-1AR.TH-T	SU-1VR.TH, SU-1VR.TH-T	800	0	15	30	45	60	75	90	105	120	135	150	165	180	195
SL-1.6AR.TH, SL-1.6AR.TH-T	SU-1.6VR2.TH, SU-1.6VR2.TH-T	900														
SL-2AR.TH, SL-2AR.TH-T	SU-2VR1.TH, SU-2VR1.TH-T	1,600														

Calculation : (SLH-1AR)×g=25g/m×(Refrigerant piping length minus 7m)
(SLH-1.6/2AR)×g=50g/m×(Refrigerant piping length minus 7m)
(SL-1/1.6/2AR)×g=15g/m×(Refrigerant piping length minus 7m)

EVACUATION PROCEDURES

Connect the refrigerant pipes (both the liquid and gas pipes) between the indoor and the outdoor units.

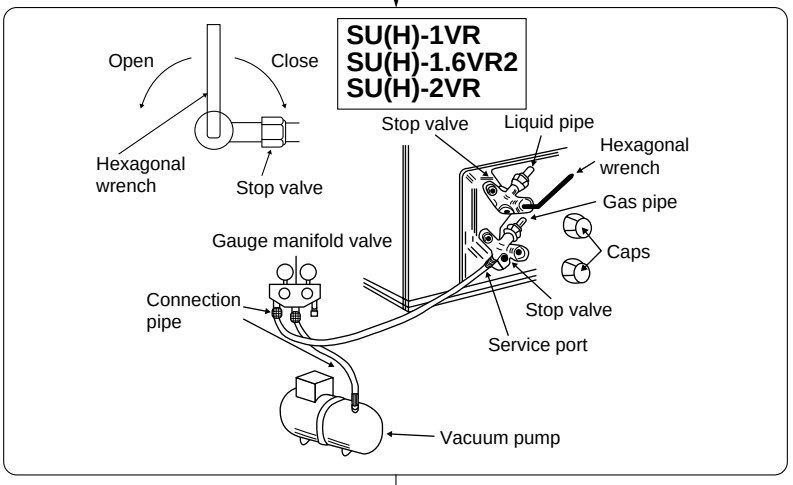
Remove the service port cap of the stop valve on the side of the outdoor unit gas pipe.
(The stop valve will not work in its initial state fresh out of the factory (totally closed with cap on).)

Connect the gauge manifold valve and the vacuum pump to the service port of the stop valve on the gas pipe side of the outdoor unit.

Run the vacuum pump. (Vacuumize for more than 15 minutes.)

Check the vacuum with the gauge manifold valve, then close the gauge manifold valve, and stop the vacuum pump.

Leave as it is for one or two minutes. Make sure the pointer of the gauge manifold valve remains in the same position. Confirm that the pressure gauge show-0.1 MPa(-76 cmHg)



Remove the gauge manifold valve quickly from the service port of the stop valve.

After refrigerant pipes are connected and evacuated, fully open all stop valves on gas and liquid pipe sides.
Operating without fully opening lowers the performance and causes trouble.

Pipe length :
7m maximum
No gas charge is needed.

Pipe length exceeding 7m
Charge the prescribed amount of gas.

Tighten the cap to the service port to obtain the initial status.

Retighten the cap.

Leak test

7 DATA

The standard data contained in these specifications apply only to the operation of the air conditioner under normal condition. Operating conditions vary according to the areas where these units are installed. The following information has been provided to clarify the operating characteristics of the air conditioner under the conditions indicated by the performance curve.

(1) GUARANTEED VOLTAGE

Rated voltage : ±10% (198~264V), 50Hz

(2) AIR FLOW

Air flow should be set at MAX.

(3) MAIN READINGS

COOLING

(1) Indoor intake air wet-bulb temperature : W.B. ˚C
(2) Indoor outlet air wet-bulb temperature : W.B. ˚C
(3) Outdoor intake air dry-bulb temperature : D.B. ˚C
(4) Total input : W

HEATING

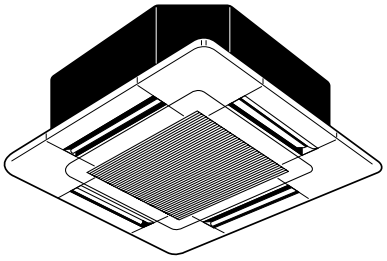
(1) Indoor intake air dry-bulb temperature : D.B. ˚C
(2) Indoor outlet air dry-bulb temperature : D.B. ˚C
(3) Outdoor intake air wet-bulb temperature : W.B. ˚C
(4) Total input : W

Indoor air wet/dry-bulb temperature difference on the side of the chart on page shows the difference between the indoor intake air wet/dry-bulb temperature and the indoor outlet air wet/dry-bulb temperature for your reference at service.

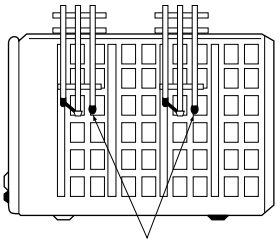
How to measure the indoor air wet-bulb/dry-bulb temperature difference

1. Attach at least 2 sets of wet-and-dry-bulb thermometers to the indoor air inlet as shown in the figure, and at least 2 sets of wet-and-dry-bulb thermometers to the indoor air outlet. The thermometers must be attached to the position where air speed is high.
2. Attach at least 2 sets of wet-and-dry-bulb thermometers to the outdoor air inlet.
   Cover the thermometers to prevent direct rays of the sun.
3. Check that the air filter is cleaned.
4. Open windows and doors of the room.
5. Press the TEST RUN switch once to start the COOL(HEAT) MODE.
6. When system stabilizes after more than 15 minutes, measure temperature and take an average temperature.
7. 10 minutes later, measure temperature again and check that the temperature does not change.

INDOOR UNIT

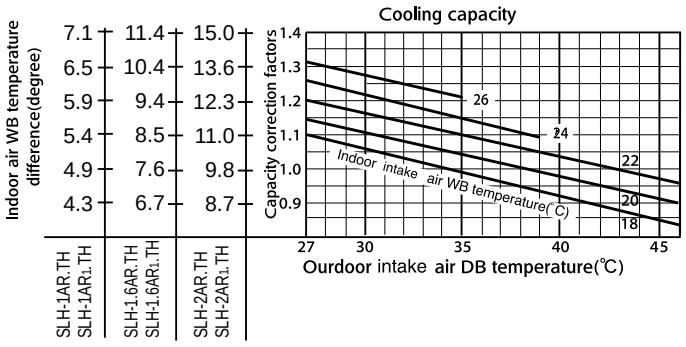


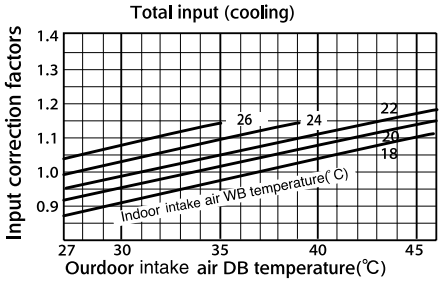
OUTDOOR UNIT

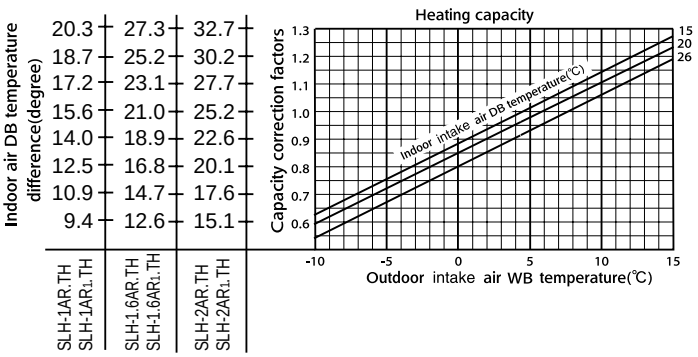


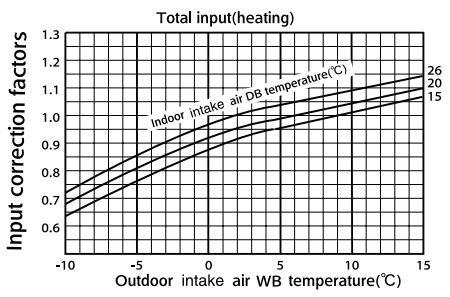
Wet-and dry-bulb thermometers

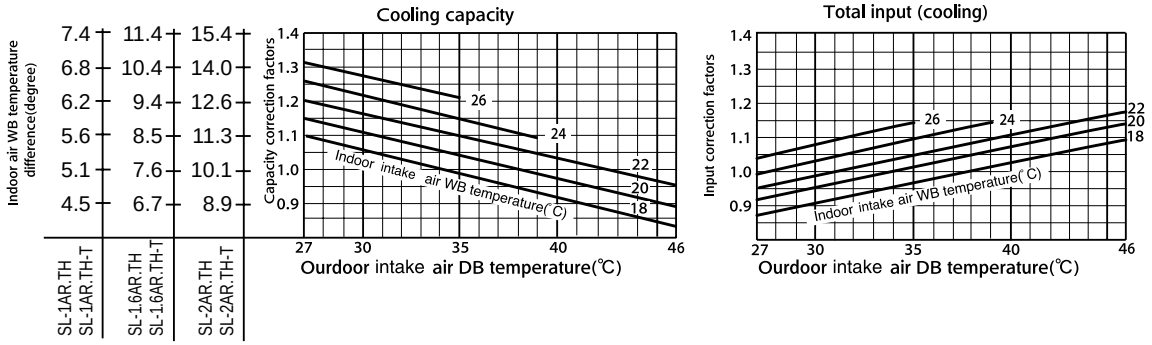
BACK VIEW











(4) OUTDOOR LOW PRESSURE AND OUTDOOR UNIT CURRENT

COOL operation

① Both indoor and outdoor units are under the same temperature/humidity condition.

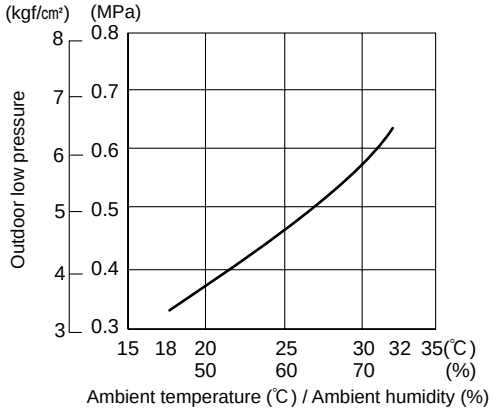
Dry Bulb temperature (˚C)	Relative humidity (%)
20	50
25	60
30	70

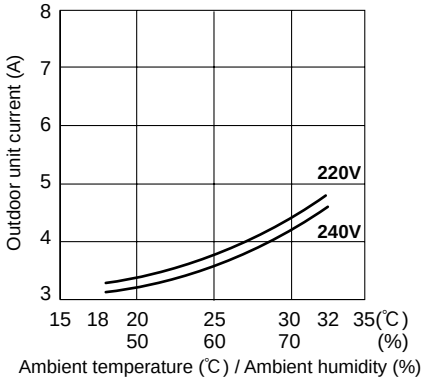
② Air flow should be set at MAX.

③ The unit of pressure has been changed to MPa based on the international system of units(SI unit system). The converted score against the traditional unit system can be gotten according to the formula below.

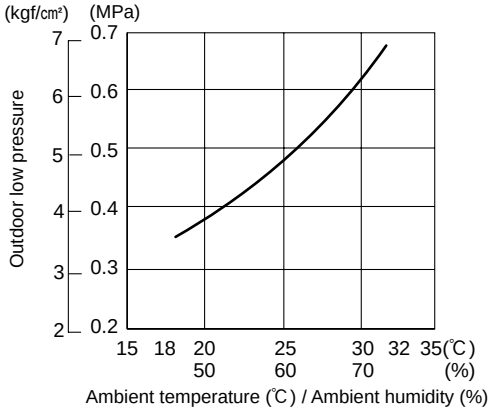
1(MPa) = 10.2(kgf/㎠)

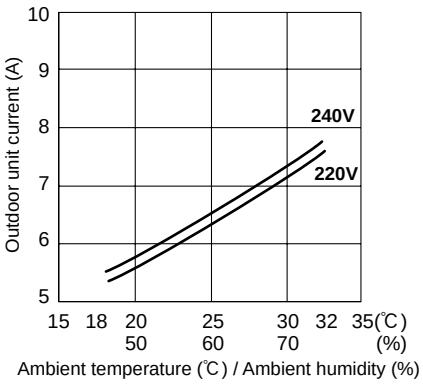
SLH-1AR.TH SLH-1AR1.TH / SUH-1VR.TH



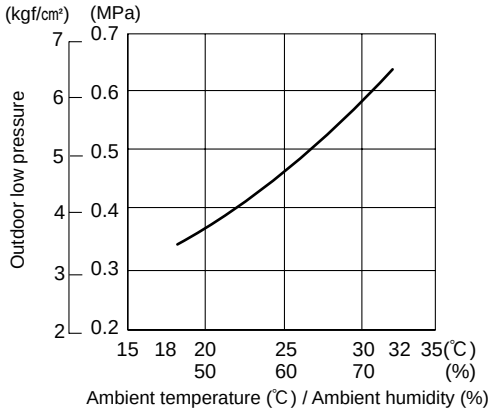


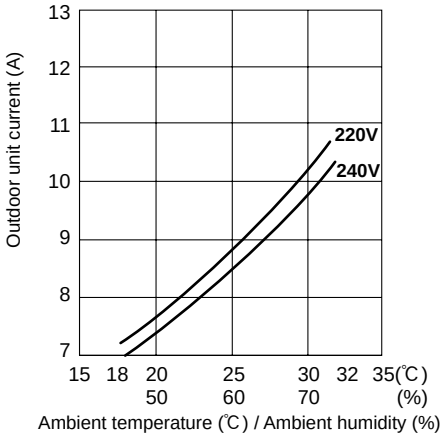
SLH-1.6AR.TH SLH-1.6AR1.TH / SUH-1.6VR2.TH



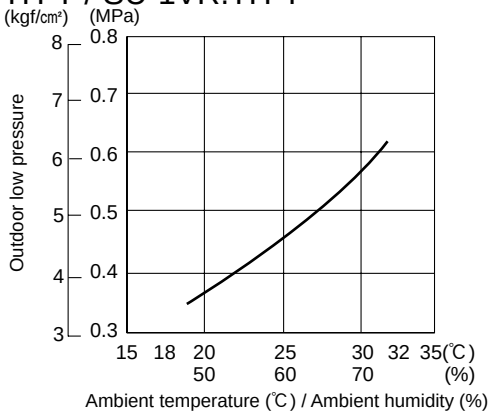


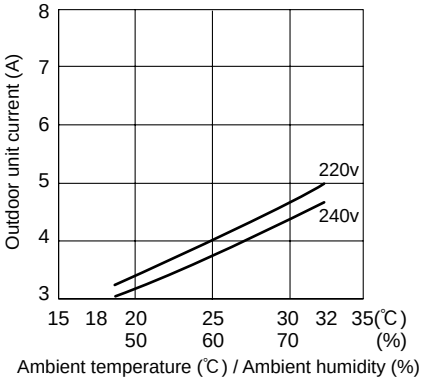
SLH-2AR.TH SLH-2AR1.TH / SUH-2VR1.TH SUH-2VR2.TH



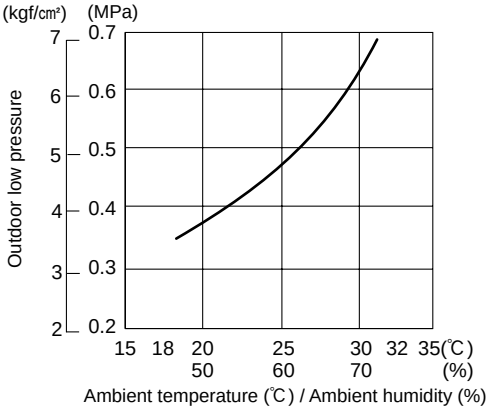


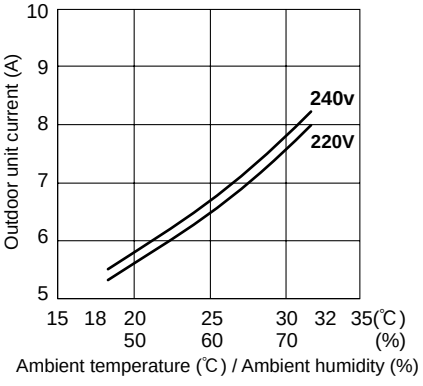
SL-1AR.TH / SU-1VR.TH
SL-1AR.TH-T / SU-1VR.TH-T



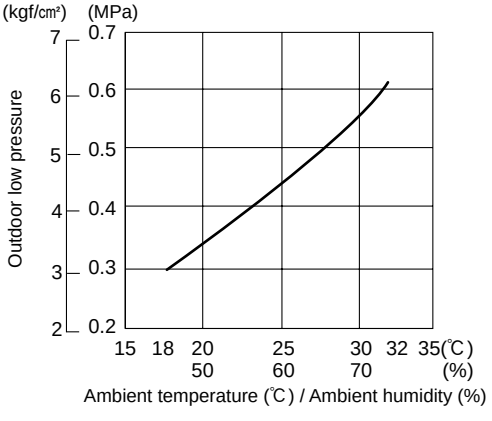


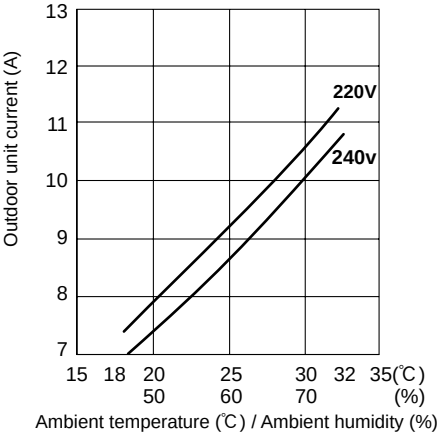
SL-1.6AR.TH / SU-1.6VR2.TH
SL-1.6AR.TH-T / SU-1.6VR2.TH-T





SL-2AR.TH / SU-2VR1.TH
SL-2AR.TH-T / SU-2VR1.TH-T

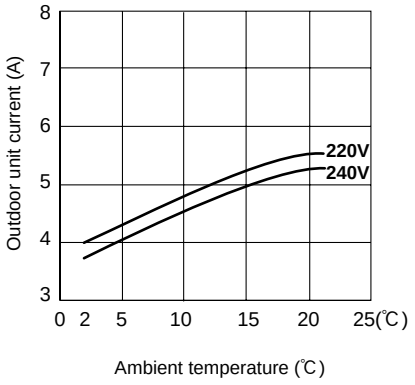




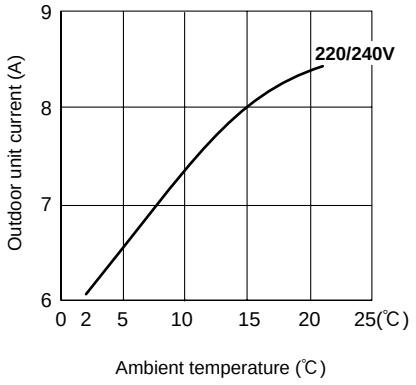
HEAT operation

Condition Indoor : Dry bulb temerature 20.0℃ Outdoor : Dry bulb temerature 7,15,20℃
Wet bulb temerature 14.5℃ Wet bulb temerature 6,12,14.5℃

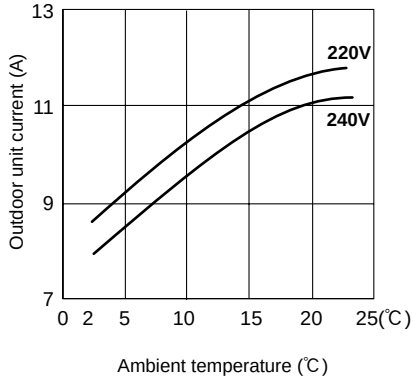
SLH-1AR.TH SLH-1AR1.TH / SUH-1VR.TH



SLH-1.6AR.TH SLH-1.6AR1.TH / SUH-1.6VR2.TH

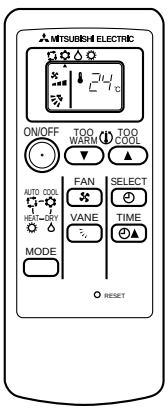


SLH-2AR.TH SLH-2AR1.TH / SUH-2VR1.TH SUH-2VR2.TH

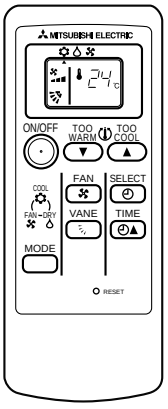


8 MICROPROCESSOR CONTROL

1. COOL operation



SLH-1AR
SLH-1.6AR
SLH-2AR



SL-1AR
SL-1.6AR
SL-2AR

<How to operate>

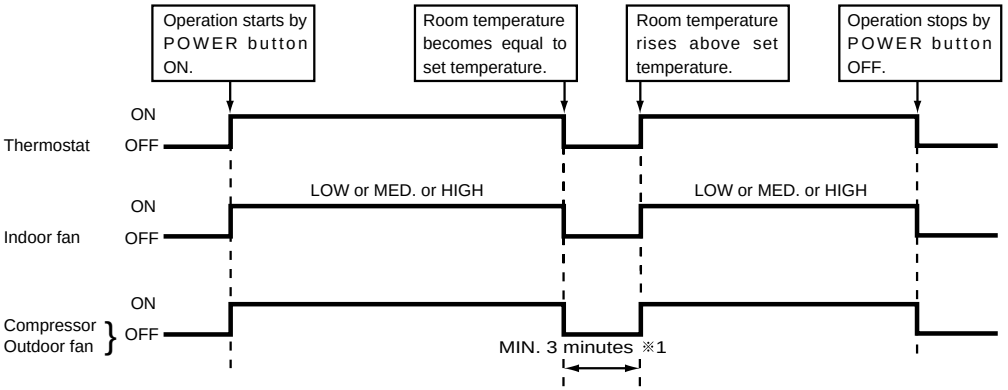
① Press POWER ON / OFF button.

② Press MODE SELECT button to set operation mode to COOL.
Each time the MODE SELECT button is pressed the DISPLAY "▲" on the remote controller moves.

③ Press the SET TEMPERATURE button to set the desired temperature.

NOTE: The set temperature changes 1°C when the (▲) or (▼) button is press one time Cooling 19 to 30°C.

<COOL operation time chart>



※1 Even if the room temperature rise above the set temperature during this period, the compressor will not start until this period end.

(1) Compressor control

① 3-minute time delay
To prevent overload, the compressor will not start within 3 minutes after stop.

② The compressor runs when the room temperature is higher than the set temperature.
The compressor stops when the room temperature is equal to or lower than the set temperature.

③ The compressor stops in check mode.

(2) Indoor fan control

Indoor fan speed LOW/MED./HIGH depends on the remote controller setting.

(3) Outdoor fan control

POWER ON/OFF with the compressor.

(4) Coil frost prevention

① Temperature control
When the indoor coil thermistor RT12 reads -1°C or below, the coil frost prevention mode starts immediately.
However the coil frost prevention will not work for 10 minutes after the compressor starts.
During the coil frost prevention compressor stops and the indoor fan operates at the set speed for 5 minutes.
After that, if RT12 still reads or below -1°C, this mode prolonged until the RT12 reads over -1°C.
After the coil frost prevention stops, units will not enter this mode again at least 10 minutes even RT12 reads -1°C.

② Time control
When the three conditions below have been satisfied for 1 hour and 45 minutes, compressor stops for 3 minutes.
a. Compressor has been continuously operating.
b. Indoor fan speed is LOW / MED.
c. Room temperature is below 26°C.
When compressor stops ,the accumulated time is cancelled and when compressor restarts, time counting starts from the beginning.
Time counting also stops temporarily when the indoor fan speed becomes HIGH or the room temperature exceeds 26°C.
However, when two of the above conditions (b. And c.) are satisfied again time accumulation is resumed.

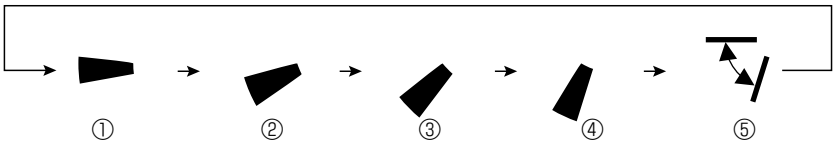
(5) Auto vane control

Auto vane position is set to 30 degrees airflow at the start-up of COOL operation. It can then be changed by the remote controller.

(a) Stop mode (fixed operation)

(i) At start-up of COOL operation, the auto vane is set to 30 degrees airflow direction.

(ii) Discharge direction can be changed with button.



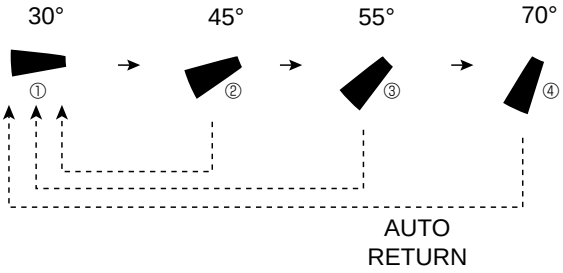
① Horizontal airflow 30°
② Downward airflow 45°
③ Downward airflow 55°
④ Downward airflow 70°
⑤ Swing

(b) SWING mode

(i) The vane motor turns ON when the SWING mode is selected. The vane motor is continuously ON during SWING mode.

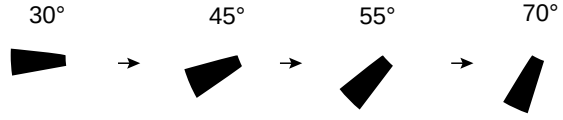
<VANE POSITION>

① Fan speed : LOW / MED.

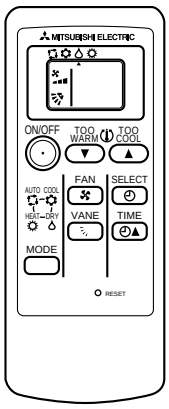


If you select ② or ③ or ④ when the fan speed is LOW or MED. the airconditioner will switch automatically to Horizontal airflow ① mode after one hour.

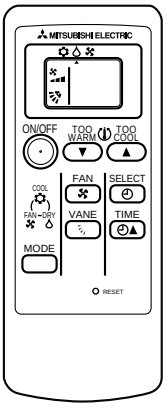
② Fan speed : HIGH



2. DRY operation



SLH-1AR
SLH-1.6AR
SLH-2AR



SL-1AR
SL-1.6AR
SL-2AR

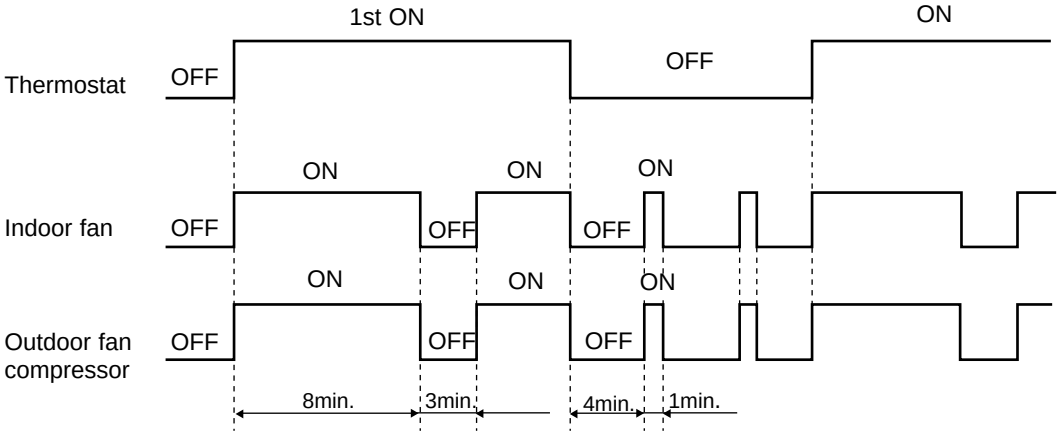
<How to operate>

① Press POWER ON / OFF button.

② Press MODE SELECT button to set operation mode to DRY.
Each time the MODE SELECT button is pressed the display "▲" on the remote controller moves.

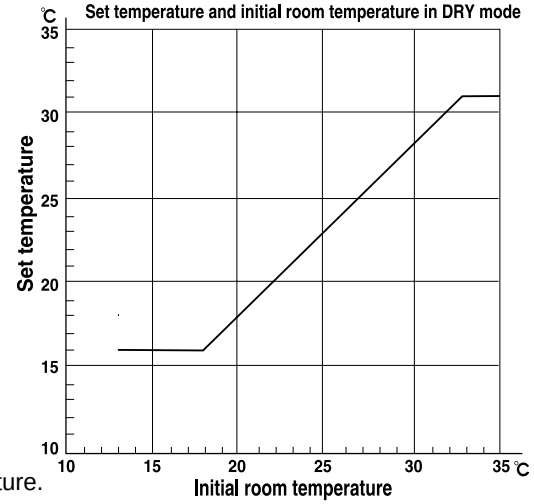
NOTE : Temperature can not be in DRY operation.

<DRY operation time chart> In case of the room temperature of 23℃ and above.



(1) Setting temperature

Follow the right chart with according to the initial room temperature. When the room temperature is 13℃ or under, dry operation does not work.



(2) ON/OFF control

When the room temperature is 23°C or over:

Compressor operates by temperature control and time control.

① Set temperature is controlled to fall 2°C above from initial set temperature.

② When the thermostat is ON, the compressor repeats 8 minutes ON and 3 minutes OFF.
When the thermostat is OFF, the compressor repeats 4 minutes OFF and 1 minute ON.
Indoor fan and outdoor fan operate in the same cycle as the compressor.

When the room temperature is under 23°C.

When the thermostat is ON, the compressor repeats 2 minutes ON and 3 minutes OFF.
When the thermostat is OFF, the compressor repeats 4 minutes OFF and 1 minute ON.

(3) Coil frost prevention

The operation is same as that of coil frost prevention during COOL mode.
However the indoor fan speed becomes the set speed or Low.

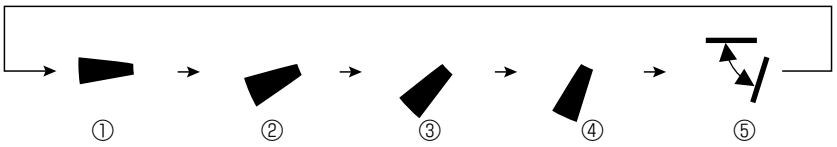
(4) Auto vane control

Auto vane position is set to 30 degrees airflow at the start-up of DRY operation. It can then be changed by the remote controller.

(a) Stop mode (fixed operation)

(i) At start-up of DRY operation, the auto vane is set to 30 degrees airflow direction.

(ii) Discharge direction can be changed with ( ) button.



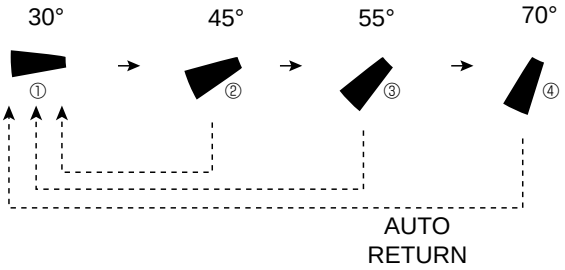
① Horizontal airflow 30°
② Downward airflow 45°
③ Downward airflow 55°
④ Downward airflow 70°
⑤ Swing

(b) SWING mode

(i) The vane motor turns ON when the SWING mode is selected.The vane motor is continuously ON during SWING mode.

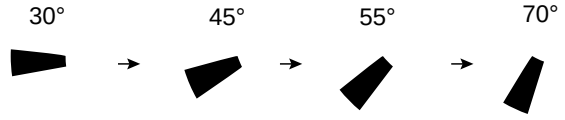
<VANE POSITION>

① Fan speed : LOW / MED.

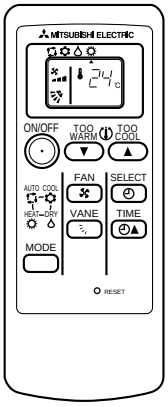


If you select ② or ③ or ④ when the fan speed is LOW or MED. the airconditioner will switch automatically to Horizontal airflow ① mode after one hour.

② Fan speed : HIGH



3. HEAT operation (Only SLH-1, 1.6, 2AR)



SLH-1AR
SLH-1.6AR
SLH-2AR

<How to operate>

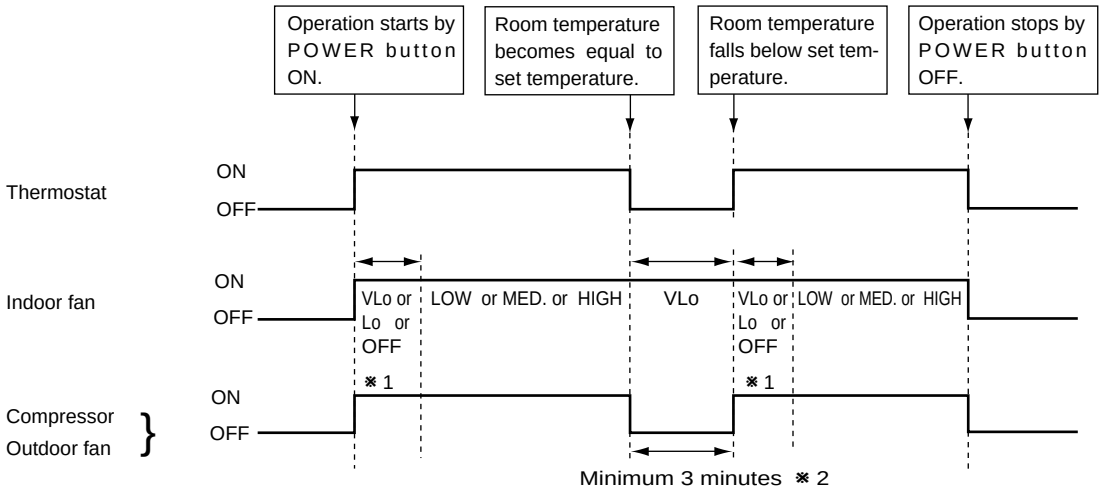
① Press POWER ON / OFF button.

② Press MODE SELECT button to set operation mode to HEAT.
Each time the MODE SELECT button is pressed the display "▲" on the remote controller moves.

③ Press the SET TEMPERATURE button to set the desired temperature.

NOTE: The set temperature changes 1°C when the (▲) or (▼) button is press one time heating 17 to 28°C.

<HEAT operation time chart>



※1 In case of coil temperature thermistor detect,
22°C or above : Lo notch
16°C ~ 22°C : VLo notch
15°C or below : FAN STOP

※2 Even if the room temperature falls below the set temperature during this period, the compressor will not start until this period has ended.

(1) Compressor control

① 3minute time delay
To prevent overload, the compressor will not start within 3minutes after stop.

② The compressor runs when the room temperature is higher than the set temperature.
The compressor stops when the room temperature is equal to or higher than the set temperature.
※ 4degrees up control
During heat operation, lower the room temperature for 4degrees more than thermistor value.

③ The compressor stops in check mode.

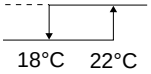
④ Follow the item (5) during defrosting.

(2) Indoor fan control

① Cold air prevention control

The fan runs at set speed when the indoor coil thermistor RT12 temperature exceeds 22°C. The fan operates at VLo when the temperature is below 18°C. But the fan stops when the indoor fan operates at VLo and the room temperature is 15°C or less.

Released
Cold Air Prevention



NOTE : At initial in hysteresis this control works.

② New warm air control.

When compressor starts in heating operation or after defrosting, the fan changes the speed with dependence on the indoor coil thermistor RT12 temperature to blow out warm air.

After releasing of cold air prevention, when the indoor coil temperature is 37°C or above, the fan speed shifts to the set speed, and when the fan speed is changed by the remote controller, the fan speed is the set speed.

When the indoor coil temperature is less than 37°C, the fan speed is controlled by time as below.

<Time condition> <Indoor fan speed>

- Less than 2 minutes·····LOW
- 2 minutes or more, less than 4 minutes ·····MED.
- 4 minutes or more·····HIGH

The upper limit of the fan speed is the set speed.

If the thermostat turns off, this operation changes to flow soft control.

③ Flow soft control

After the thermostat turns off, the indoor fan operates at VLo.

NOTE : When the thermostat turns on, the fan operates at the set speed. Due to the cold air prevention control, the fan does not start until the indoor coil thermistor RT12 reads 22°C or more.

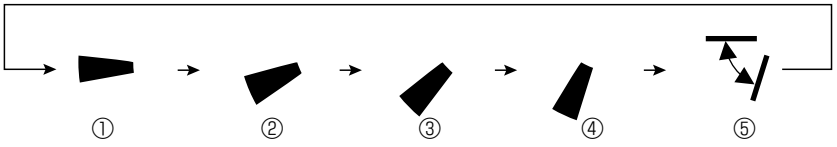
④ Follow the item (6) during defrosting.

(3) Auto vane control

Auto vane position is set to 70 degrees airflow at the start-up of HEAT operation. It can then be changed by the remote controller.

(i) At start-up of HEAT operation, the auto vane is set to 70 degrees airflow direction.

(ii) Discharge direction can be changed with button.



① Horizontal airflow 30°
② Downward airflow 45°
③ Downward airflow 55°
④ Downward airflow 70°
⑤ Swing

In the following cases, airflow direction becomes 30° regardless of the remote controller setting.

① During the cold air prevention control with fan speed at VLo
② During defrosting with indoor fan OFF
③ During the thermostat OFF

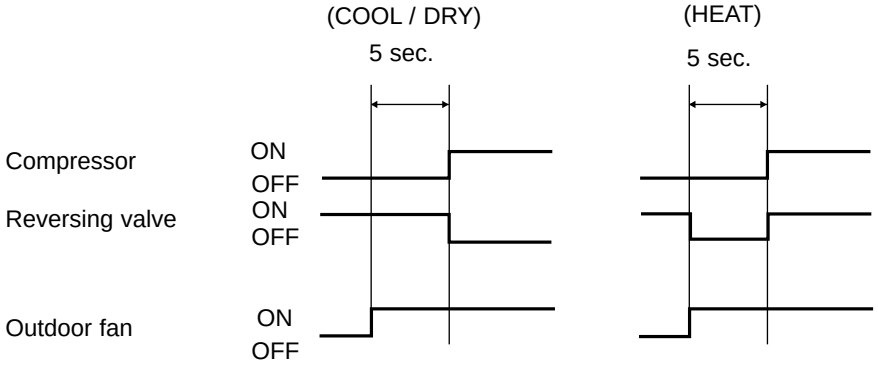
(4) Outdoor fan control

POWER ON/OFF with the compressor. However during defrosting, follow the item (5).

(5) Reversing valve

Heating · · · · · ON
Cooling · · · · · OFF
Dry · · · · · · · · · OFF

NOTE: The Reversing valve reverses for 5 seconds right before start-up of the compressor.



(6) Defrosting

Defrosting of outdoor heat exchanger is controlled by dicer P.C. board, with detection by the defrost thermistor RT61.

①Defrost starting conditions

When all conditions of a),b) are satisfied, the defrosting operation starts.

a) Under the heat operation, the compressor cumulative operation time exceeds 40 minutes without the defrosting operation working.

b) The defrost thermistor RT61 reads - 3°C or less.

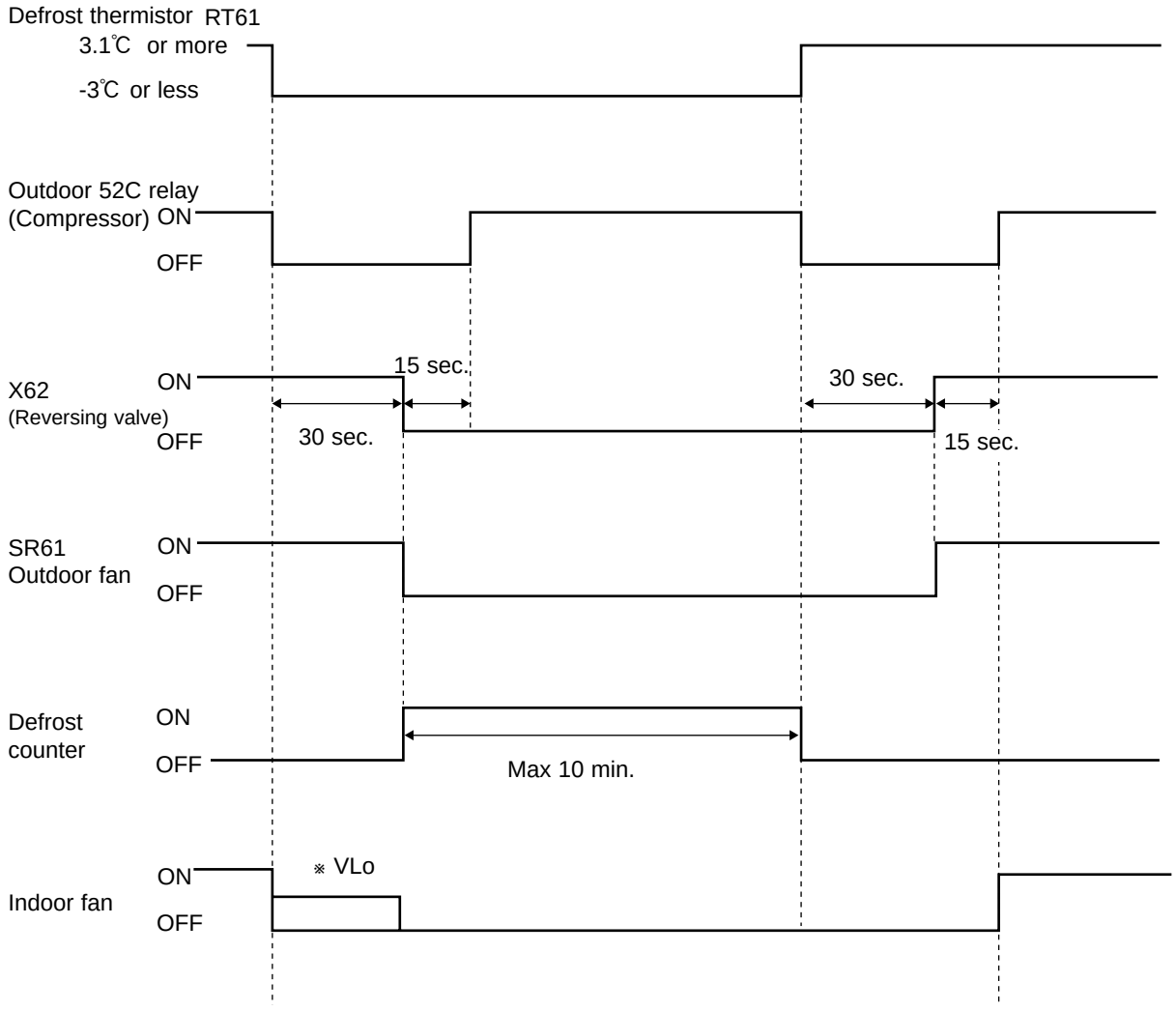
②Defrost terminating conditions

When the condition d) or e) is satisfied, the defrosting operation stops.

d) The defrost thermistor RT61 reads 3.1°C or more.

e) The defrosting time exceeds 10 minutes.

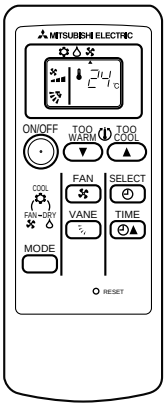
<Defrosting time chart>



NOTE ※ When the indoor coil thermistor reads above 18°C, indoor fan operates at VLo for 30 seconds.

※ When the indoor coil thermistor reads 18°C or less, the indoor fan stops.

4. FAN operation (Only SL-1, 1.6, 2AR)



SL-1AR
SL-1.6AR
SL-2AR

<How to operate>

① Press POWER ON / OFF button.

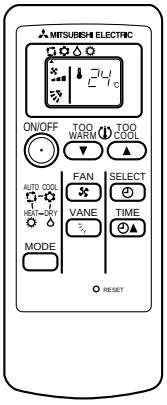
② Press MODE SELECT button to set operation mode to FAN.

NOTE : Temperature can not be set in FAN operation.

(1) Indoor fan control

The indoor fan speed LOW / MED./ HIGH depends on the remote controller setting.

5. AUTO MODE operation (Only SLH-1, 1.6, 2AR)



SLH-1AR
SLH-1.6AR
SLH-2AR

<How to operate>

① Press POWER ON / OFF button.

② Press MODE SELECT button to set operation mode to AUTO.

③ Press SET TEMPERATURE button to set the desired temperature.

NOTE: The set temperature changes 1°C when the ▲ or ▼ button is press one time AUTO MODE 19 to 28°C.

● "AUTO" works to change by itself the operation mode either to cooling or heating according to the room temperature.

(1) Initial mode

① When AUTO operation starts after unit OFF.

- If the room temperature is higher than the set temperature, operation starts in COOL mode.
- If the room temperature is equal to or lower than the set temperature, operation starts HEAT mode.

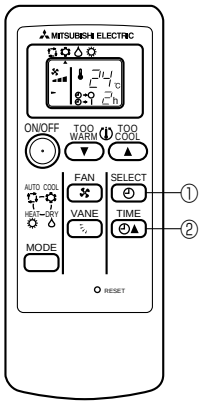
② When AUTO operation starts after COOL or HEAT operation, the previous mode continues.

(2) Mode change

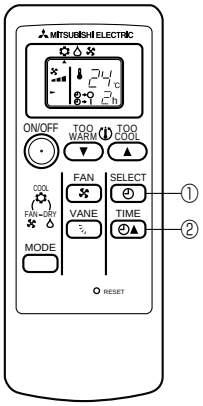
① HEAT mode changes to COOL mode when 15 minutes have passed since the room temperature became 2 degrees above the set temperature.

② COOL mode changes to HEAT mode when 15 minutes have passed since the room temperature became 2 degrees below the set temperature.

6. TIMER operation



SLH-1AR
SLH-1.6AR
SLH-2AR



SL-1AR
SL-1.6AR
SL-2AR

<Timer function>

It is convenient to set the timer when you go to bed, when you get home, when you get up, etc.

① Select the timer mode by pressing the SELECT button during operation

- Each time this button is pressed, the the timer mode is changed in sequence:
  ◴→○ (OFF TIMER) ⟶ ◴→ | (ON TIMER) ⟶ TIMER RELEASE

② Set the time of the timer using the TIME button.

- Each time this button is pressed, the set time increases by 1 hour to 12 hours.

To release the timer:

- Press the SELECT button unit ◴→○ (OFF TIMER) and ◴→ | (ON TIMER) are not displayed.

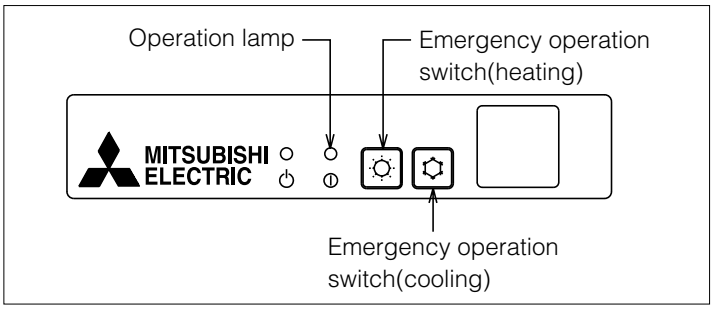
Note:

The OFF TIMER and the ON TIMER cannot be set at the time.

7. TEST RUN

Measure an impedance between the power supply terminal block on the outdoor unit and the ground with a 500 V Megger and check that it is equal to or greater than 1.0MΩ.

- Before performing the test run, recheck for any wrong wiring.
  Wrong wiring prevents normal operation or results in blown fuse disabling operation.
- The test run can be started by pressing emergency operation switch (cooling/heating). When the emergency operation switch is once pressed, the unit will start the test run (continuous operation) for 30 minutes.
  A thermostat does not work during this time. After 30 minutes the unit will start the emergency operation at a fixed temperature setting of 24°C in cooling mode or heating mode.



Procedure

① Press the ☼ button [Emergency operation switch(cooling)] to start the cooling operation.

If the ⏻ [Operation lamp] blinks every 0.5 seconds, inspect the indoor/outdoor connecting wire for mis-wiring.

- Check that the vanes operate properly when cool air is blown out.

② Press it once more, and the operation stops.

③ Press the ☼ button [Emergency operation switch(heating)] to start the heating operation. (SLH only)
Check that warm air blows out.

- In starting the heating operation, indoor unit fan may not operate to prevent blowing cool air. Please wait for a few minutes unit the temperature of heat exchanger rises and warm air blows out.

④ Press it once more, and the operation stops. (SLH only)

Checking the remote (infrared) signal reception

Press the ON/OFF button on the remote controller and check that an electronic sound is heard from the indoor unit. Press the ON/OFF button again to turn the air conditioner off.

If the indoor unit is operated with the remote controller, both the test run and the emergency operation are released by commands from the remote controller.

Once the compressor stop, the restart preventive device operates so the compressor will not operate for three minutes to protect the air conditioner.

8. SERVICE FUNCTION

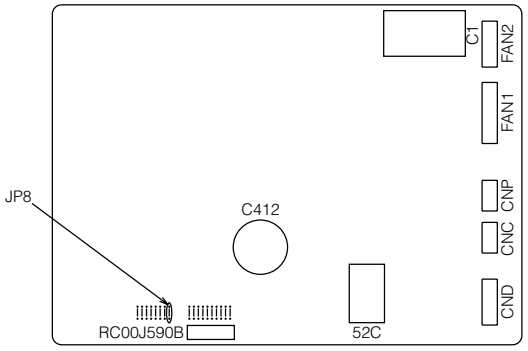
• AUTO RESTART FUNCTION

Indoor controller board

① Remove 2 screws to detach the electric component cover.

② Cut the JP8 jumper wire of the indoor controller board with a pair of nippers.

Indoor controller board



Note : (Auto restart function)

- When the indoor unit is controlled with the remote controller, the operation mode, set temperature, and the fan speed are memorized by the indoor controller board. The auto restart function sets to work the moment the power has restored after power failure, then, the unit will restart automatically.
- If the main power (220-240V AC) has been cut, the operation settings remain.
- When three minutes have passed after power was restored, the unit will restart automatically settings are memorized when 10 seconds have passed after the remote controller was operated.

9 TROUBLESHOOTING

1. Cautions on troubleshooting

(1) Before troubleshooting, check the followings:

①Check the power supply voltage.

②Check the indoor/outdoor connecting wire for mis-wiring.

(2) Take care the followings during servicing.

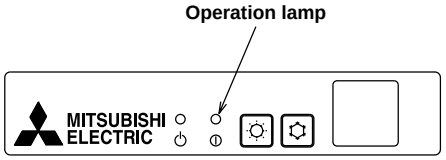
① Before servicing the air conditioner, be sure to first turn off the remote controller to stop the main unit, and then turn off the breaker.

② When removing the electronic control P.C. board, hold the edge of the board with care NOT to apply stress on the components.

③ When connecting or disconnecting the connectors, hold the housing of the connector. DO NOT pull the lead wires.

2. Trouble display

Blinking frequency of operation lamp shows the details of trouble in case trouble happens while indoor and outdoor units.



(1) Incase of being indicated irregularity on the self diagnoses.

Blinking frequency	Phenomenon	Cause	Countermeasure
1 blinking	Mis-wiring	Wiring between the indoor and outdoor is coming off.	Check the wiring out between the indoor and outdoor.
		Difference of wiring polarity between the indoor and outdoor.	
	Indoor-outdoor signal error	Trouble of the outdoor deicer P.C. board.	Check the deicer P.C.board out.
		Trouble of the Indoor controller board.	Exchange the Indoor controller board.
2 blinking	Indoor coil thermistor	Mis-connecting of the Indoor coil thermistor.	Reinsert the connector (CN21).
		Trouble of the Indoor coil thermistor.	Check the resistance value of the thermistor.
		Trouble of the Indoor controller board.	Exchange the Indoor controller board.
	Room temperature thermistor	Mis-connecting of the room temperature thermistor.	Reinsert the connector (CN20).
		Trouble of the room temperature thermistor.	Check the resistance value of the thermistor.
		Trouble of the Indoor controller board.	Exchange the Indoor controller board.
	Drain sensor	Mis-connecting of the indoor drain sensor	Reinsert the connector (CN31).
		Trouble of the indoor drain sensor	Check the resistance value of the thermistor.
		Trouble of the Indoor controller board.	Exchange the Indoor controller board.

To be continued on the next page.

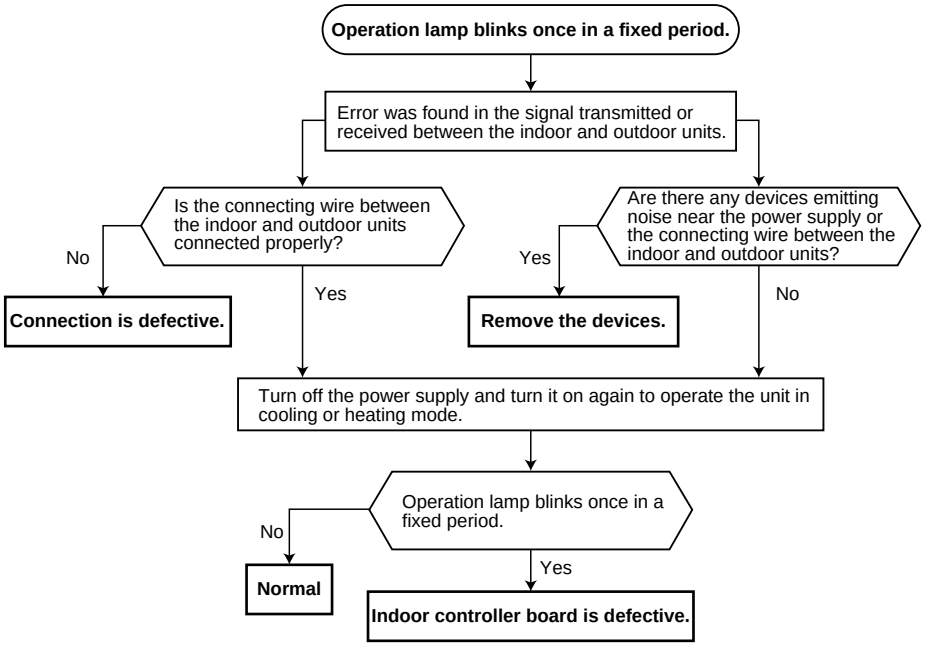
From the preceding page.

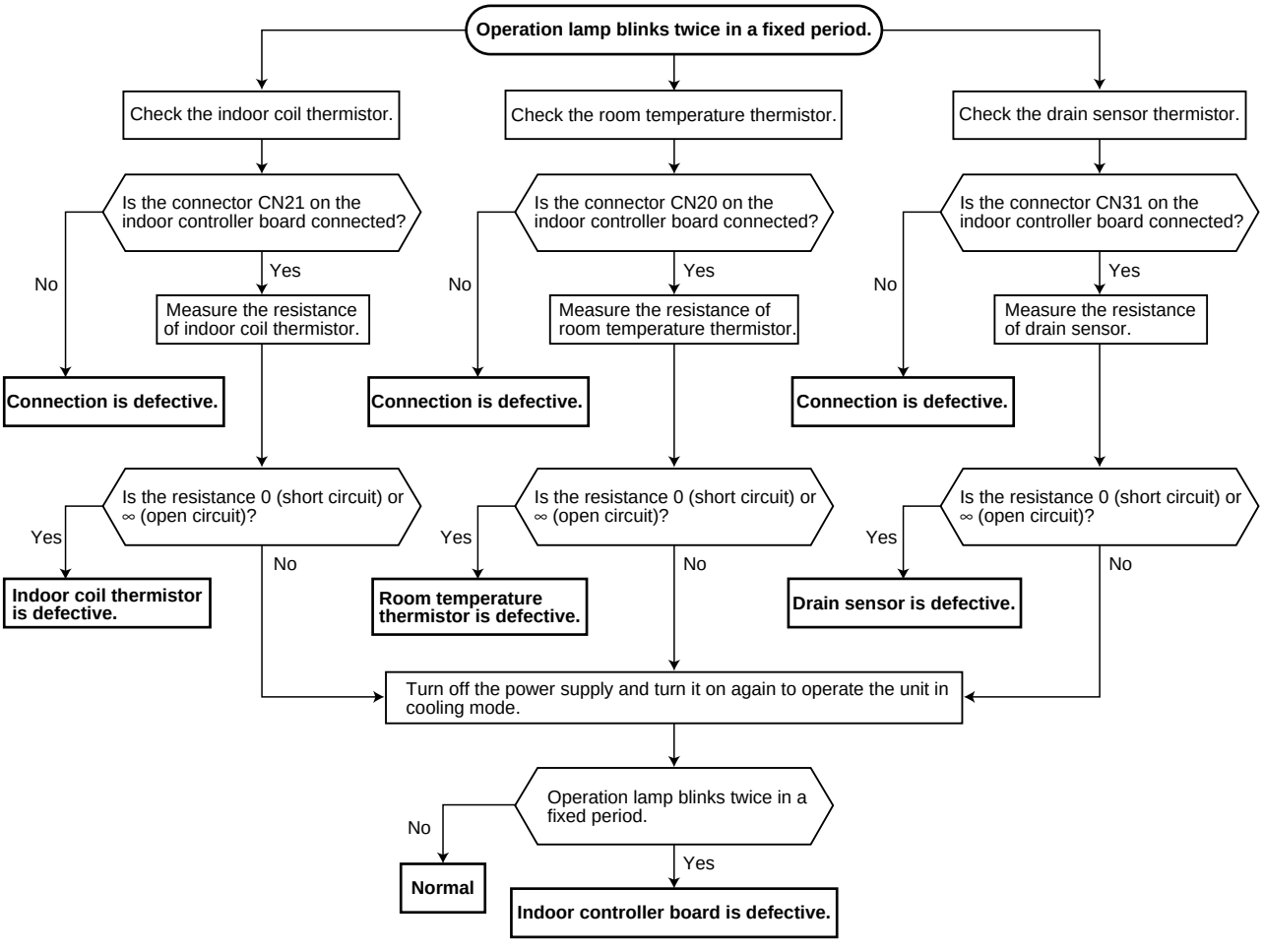
Blinking frequency	Phenomenon	Cause	Countermeasure
3 blinking	Freezing protection is working.	1) Short cycle of air cycle 2) Dirty air filter 3) Damaged fan 4) Abnormal refrigerant	1) Clear obstructions from air cycle. 2) Clean the air filter 3) Check the fan 4) Check the refrigerant temperature.
5 blinking	Malfunction of outdoor unit (in case of using PUMY series outdoor unit)	Malfunction of outdoor unit	Check the display (7-SEG LED) on the PCB of outdoor unit. Refer to the TECHNICAL & SERVICE MANUAL of outdoor unit.
6 blinking	Outdoor thermistor	Mis-connecting of the outdoor thermistor.	Reinsert the connector (CN661).
		Trouble of the outdoor thermistor.	Check the resistance value of the thermistor.
		Trouble of the Indoor controller board.	Exchange the Indoor controller board.
9 blinking	Malfunction of drain pump	1) Malfunction of drain pump 2) Damaged drain sensor	1) Check the drain pump. 2) Check the drain sensor. (Check the drop of water is on.) If the resistance is normal, replace the indoor controller board.

(2) Other case

Phenomenon	Cause	Countermeasure
Not working of remote controller switch ON/OFF	A connector attaching the panel to the body is not connected.	Connect it.
	Short circuit the protecting parts in the Indoor P.C. board.	Check the varistor (ZNR1) and fuse (FUSE) out in the Indoor controller board.
	Trouble of the Indoor P.C. board.	Check the Indoor P.C. board out.
	Trouble of the remote controller.	Exchange the remote controller.
Working the Indoor units and not working the outdoor units.	Wiring between the indoor and outdoor is coming off.	Check the wiring out between the indoor and outdoor.
	Difference of wiring polarity between the indoor and outdoor.	
	Trouble of the deicer P.C. board.	Check the deicer P.C. board out.
	Trouble of the contactor (52C).	Exchange the contactor.
	Trouble of the compressor (MC) and outdoor fan motor (MF).	Check the compressor and fan motor out.
Not rotating the fan in the indoor unit.	Fan motor connector is coming off.	Check the connector out.
	Trouble of the Indoor controller board.	Check the fan motor output of the Indoor controller board.
	Trouble of the fan motor.	Check the resistance value between the each tap of fan motor.
Horizontal vane doesn't work.	A connector attaching the panel to the body is not connected.	Connect it.
	Fixing of horizontal vane.	Check if the connector for vane motor is connected.

Check of indoor controller board and indoor fan motor





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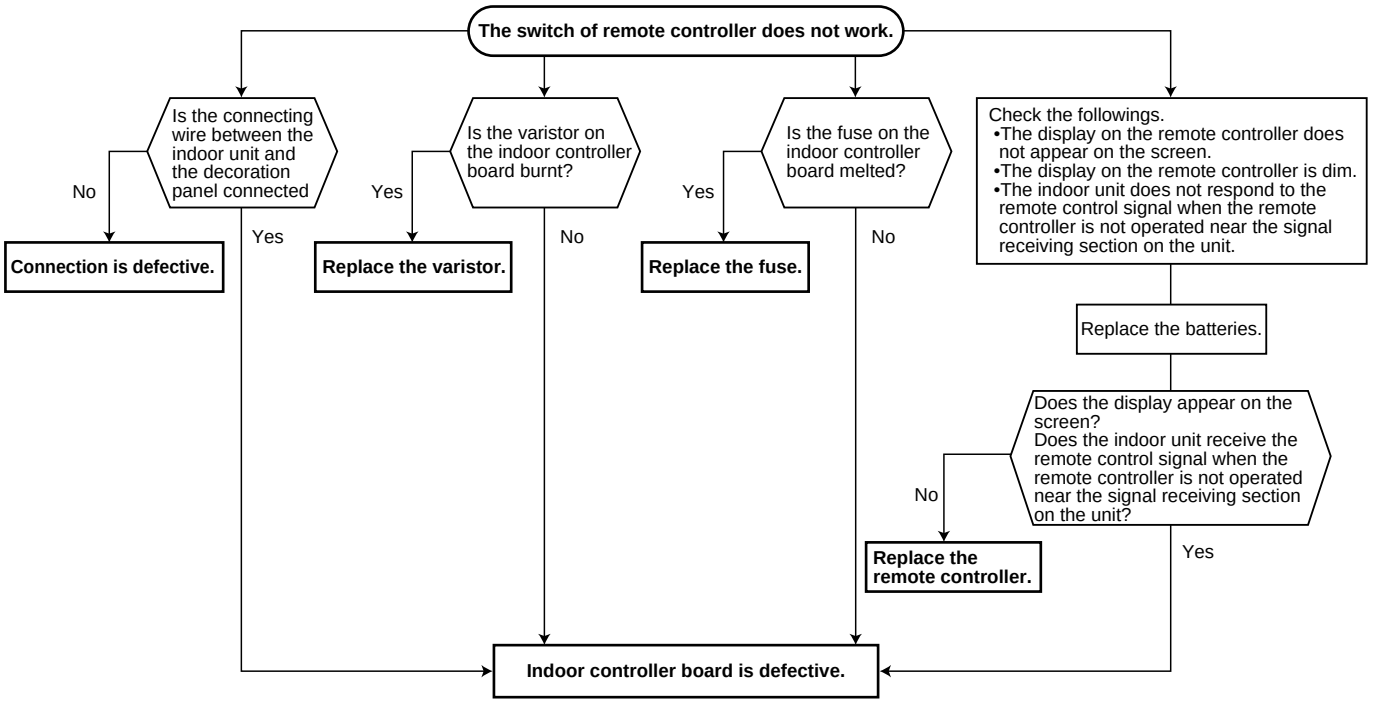
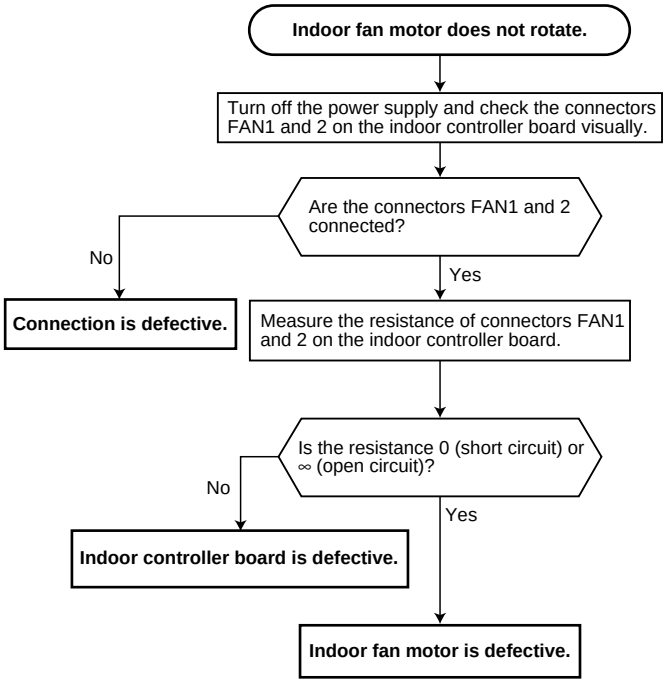
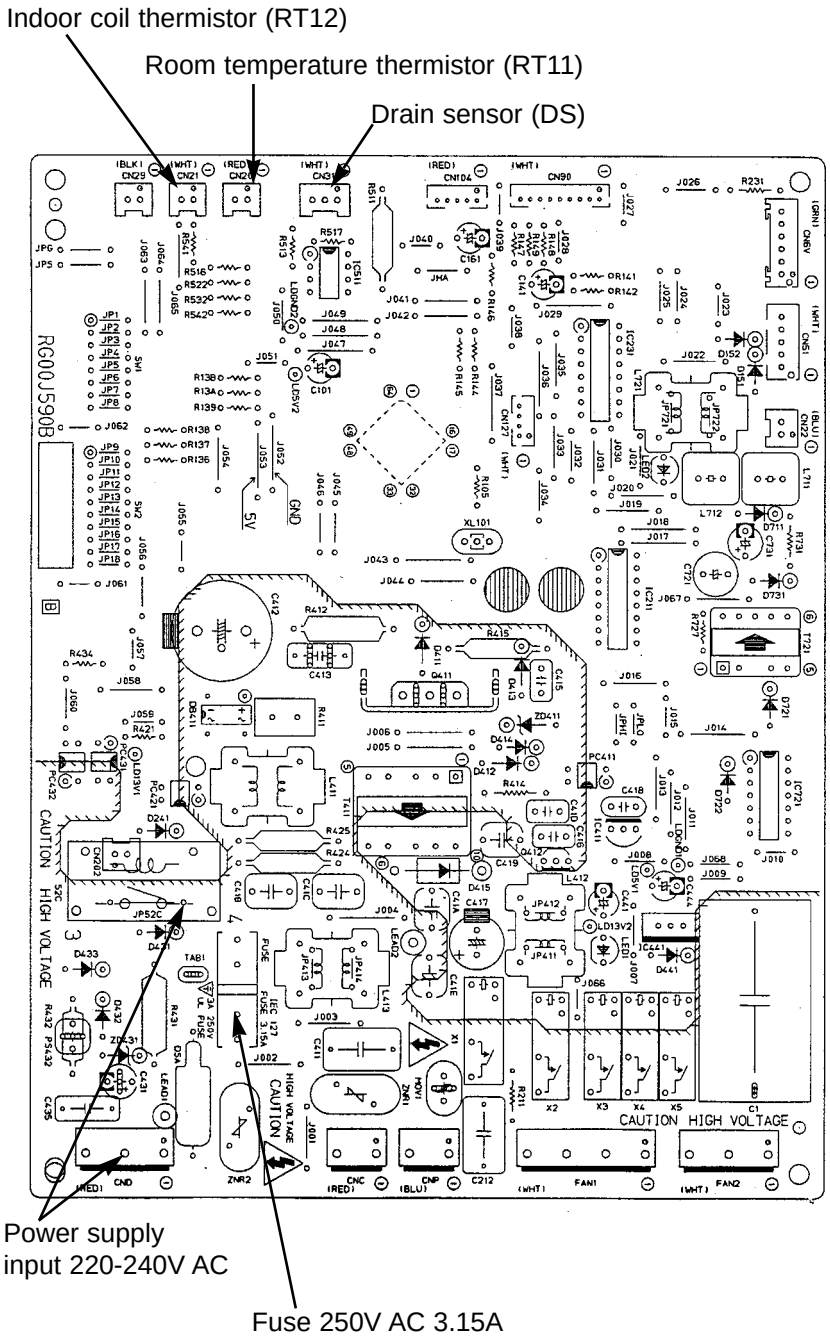
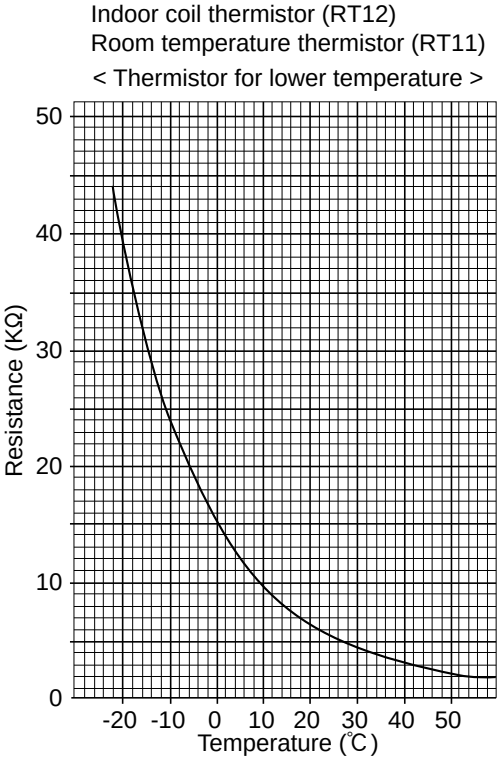




3. Test point of indoor controller board

Indoor electronic control board





4. Trouble criterion of main parts

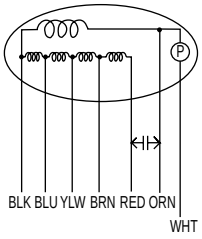
SLH-1AR.TH SLH-1.6AR.TH SLH-2AR.TH
SLH-1AR$_1$.TH SLH-1.6AR$_1$.TH SLH-2AR$_1$.TH
SL-1AR.TH SL-1.6AR.TH SL-2AR.TH
SL-1AR.TH-T SL-1.6AR.TH-T SL-2AR.TH-T

Room temperature thermistor (RT11) / Indoor coil thermistor (RT12)

Measure the resistance with a tester.
(Part temperature 10°C ~ 30°C)

Normal	Abnormal
4.3kΩ~9.6kΩ	Opened or short-circuited

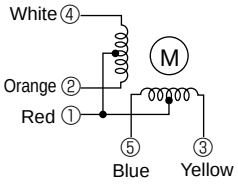
Indoor fan motor (MF)



Measure the resistance between the terminals with a tester.
(Coil wiring temperature 10°C ~ 30°C)

	Normal			Abnormal
	1AR	1.6AR	2AR	
WHT-BLK	296~320	309~399	305~329	Opened or short-circuited
BLK-BLU	55~59	107~115	85~92	
BLU-YLW	34~36	47~51	50~54	
YLW-BRN	37~41	44~48	43~47	
BRN-RED	260~282	299~323	289~313	

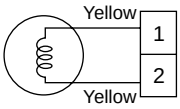
Vane motor (MV)



Measure the resistance between the terminals using a tester.
(Surrounding temperature 20℃~30℃)

Connector	Normal	Abnormal
Red — Yellow	300Ω	Open or short
Red — Blue		
Red — Orange		
Red — White		

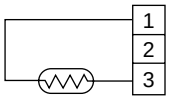
Drain pump (DP)



Measure the resistance between the terminals using a tester.
(Surrounding temperature 20℃~30℃)

Normal	Abnormal
290Ω	Open or short

Drain sensor (DS)



Measure the resistance between the terminals using a tester.
(Surrounding temperature 10℃~30℃)

Normal	Abnormal
0.6kΩ~6.0kΩ	Open or short

(Refer to the thermistor)

<Thermistor Characteristic graph>

Thermistor for lower temperature

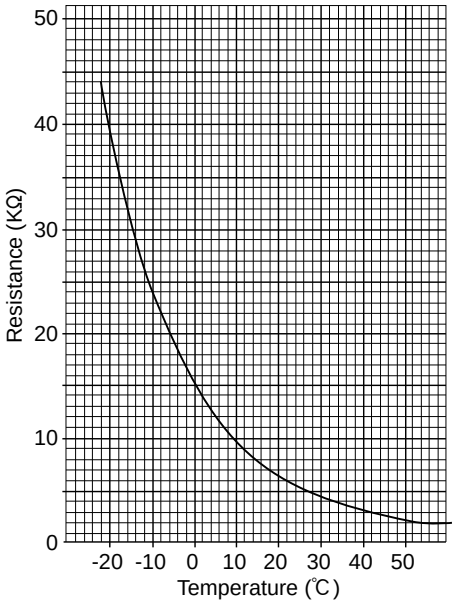
Room temperature thermistor(RT11)
Indoor coil thermistor(RT12)

Thermistor R_0=15kΩ ± 3%
Fixed number of B=3480kΩ ± 2%

$$Rt=15\exp\{3480(\frac{1}{273+t}-\frac{1}{273})\}$$

0℃	15kΩ
10℃	9.6kΩ
20℃	6.3kΩ
25℃	5.2kΩ
30℃	4.3kΩ
40℃	3.0kΩ

< Thermistor for lower temperature >



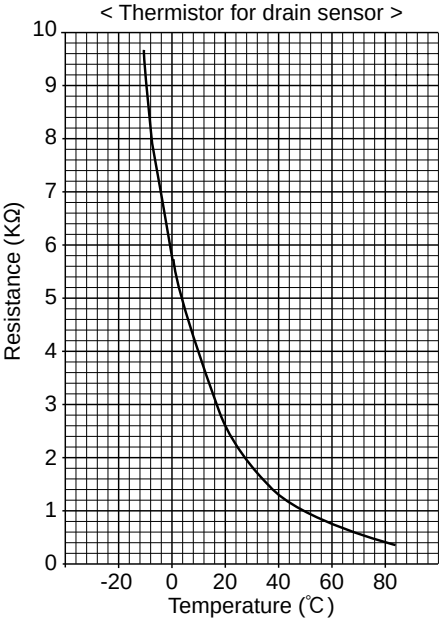
Thermistor for drain sensor

Thermistor R_0=6.0kΩ ±5%
Fixed number of B=3390kΩ ±2%

$$Rt=15\exp\{3390(\frac{1}{273+t}-\frac{1}{273})\}$$

0℃	6.0kΩ
10℃	3.9kΩ
20℃	2.6kΩ
25℃	2.2kΩ
30℃	1.8kΩ
40℃	1.3kΩ

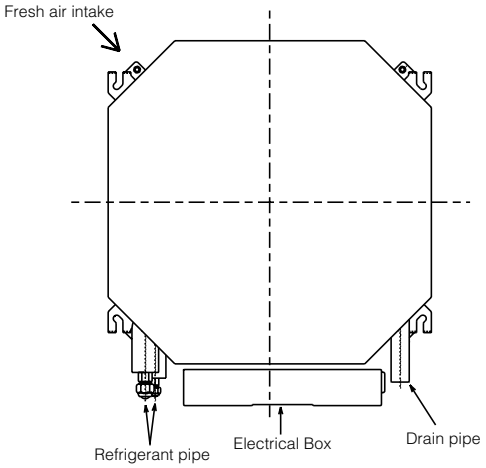
< Thermistor for drain sensor >

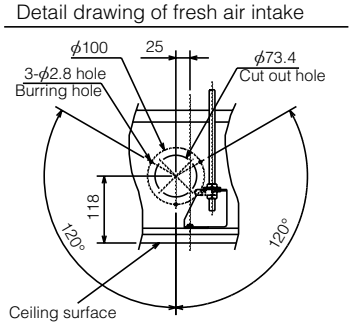


10 4-WAY AIR FLOW SYSTEM

1. Fresh air intake (Location for installation)

At the time of installation, use the duct holes (cut out) located at the positions shown in following diagram, as and when required.

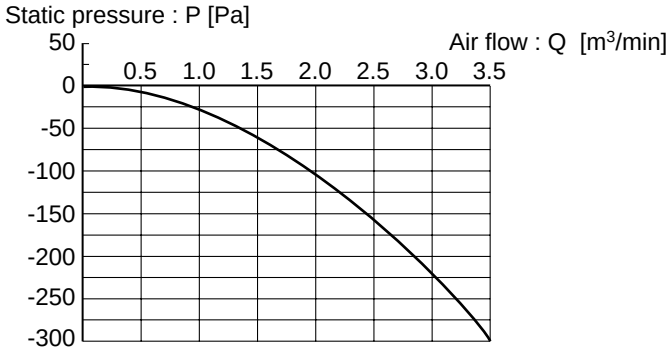




2. Fresh air intake amount & static pressure characteristics

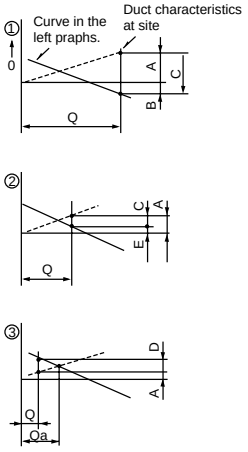
SLH-1, 1.6, 2AR(1).TH
SL-1, 1.6, 2AR.TH
SL-1, 1.6, 2AR.TH-T

Taking air into the unit



NOTE: Fresh air intake amount should be 20% or less of whole air amount to prevent dew dripping.

How to read curves



Q···Planned amount of fresh air intake <m³/min>
A···Static pressure loss of fresh air intake duct system with air flow amount Q <Pa>
B···Forced static pressure at air conditioner inlet with air flow amount Q <Pa>
C···Static pressure of booster fan with air flow amount Q <Pa>
D···Static pressure loss increase amount of fresh air intake dust system for air flow amount Q <Pa>
E···Static pressure of indoor unit with air flow amount Q <Pa>
Qa···Estimated amount of fresh air intake with out D <m³/min>

3. Interlocking operation method with duct fan (Booster fan)

●Whenever the indoor unit is operating, the duct fun operates.

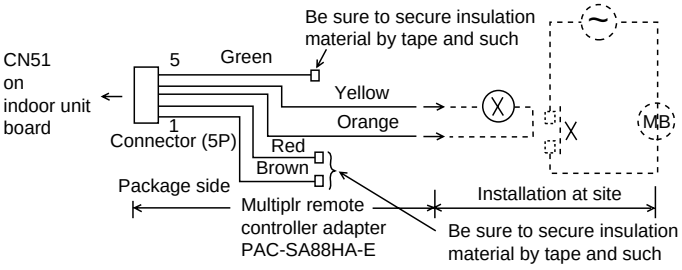
(1)Connect the optional multiple remote controller adapter(PAC-SA88HA-E)to the connector CN51 on the indoor controller board.

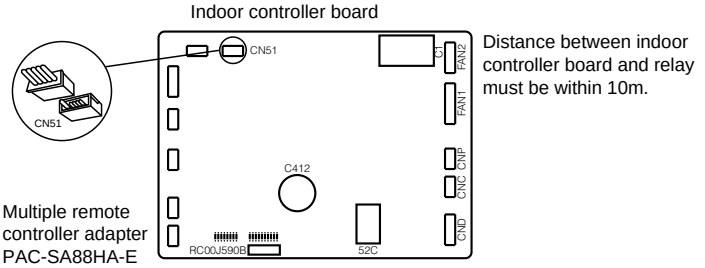
(2)Drive the relay after connecting the 12V DC relay between the Yellow and Orange connector lines.

Use a relay under 1W.

MB: Electromagnetic switch power relay for duct fan.

X: Auxiliary relay (12V DC LY-1F)



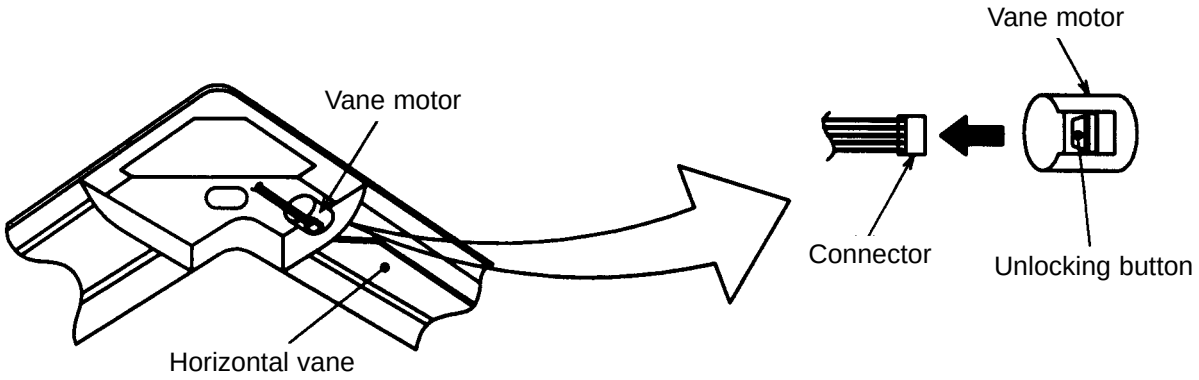


4. Fixing of horizontal vane

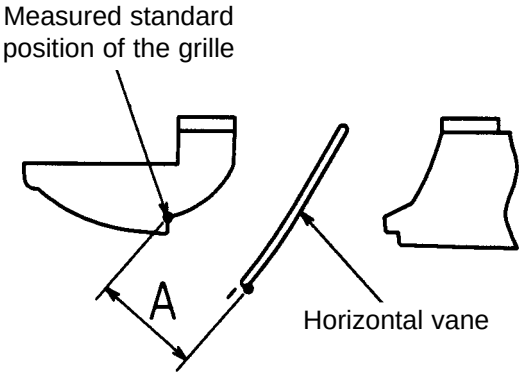
Horizontal vane of each air outlet can be fixed according to the environment, which is installed.

Setting procedure

1) Turn off a main power supply (Turn off a breaker).
2) Disconnect the vane motor connector of the direction of the arrow with pressing the unlocking button as shown in figure below.
   Electricity insulate the disconnected connector with the vinyl tape.



3) Set a vertical vane of the air outlet, which tries to fixed by the hand slowly within the range in the table below.



<Set range>

Standard of horizontal position	Level 30° (Min.)	Downward 45°	Downward 55°	Downward 70° (Max.)
Dimension A (mm)	21	25	28	30

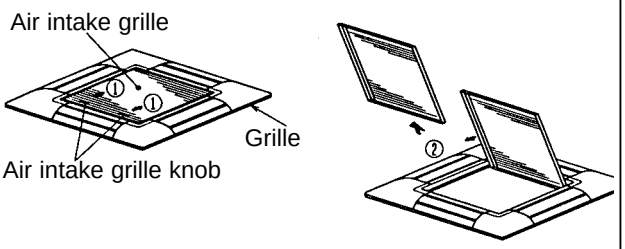
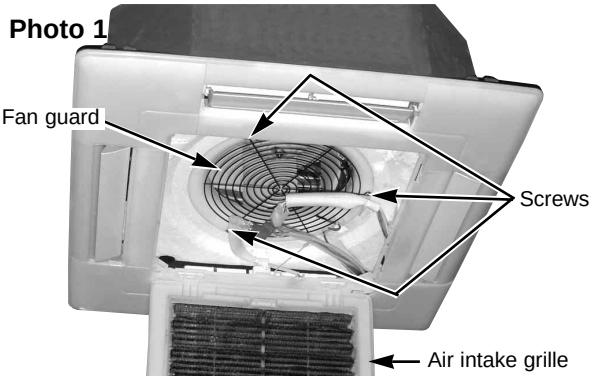
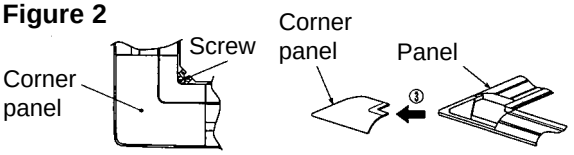
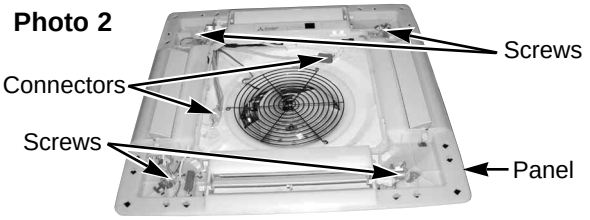
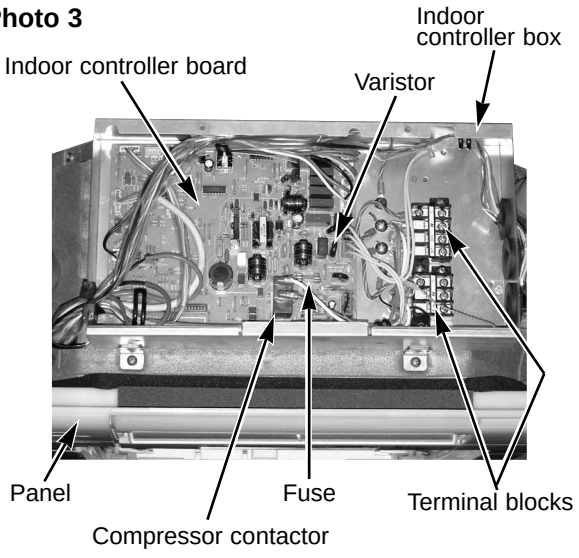
※ Dimension between 21 mm and 30 mm can be arbitrarily set.

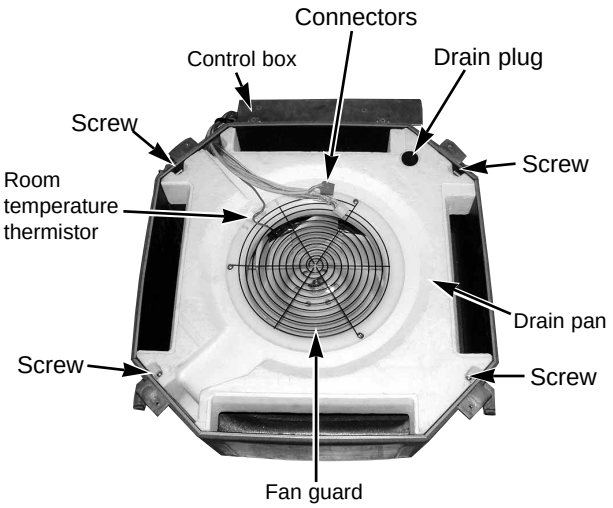
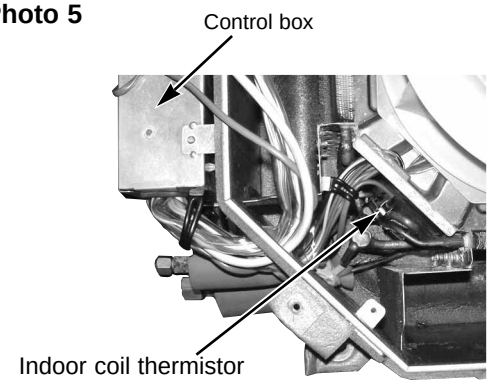
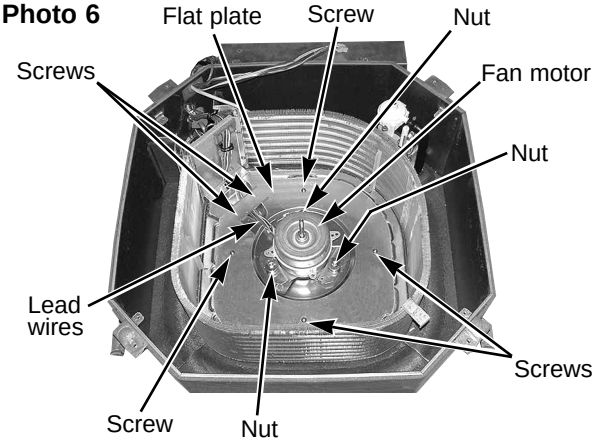
Caution ⚠	Do not set the dimension out of the range.
	It could cause dew drips and attain on ceiling, etc. and the unit may be damaged.

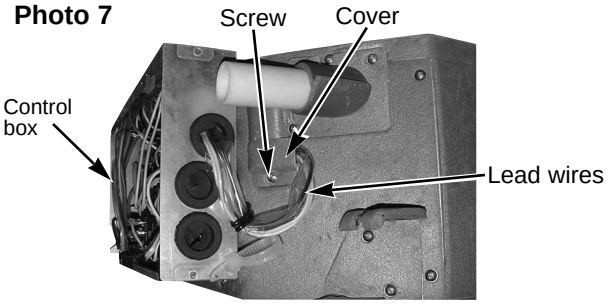
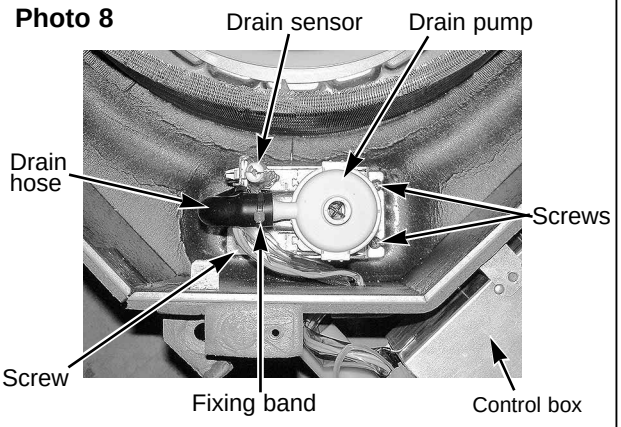
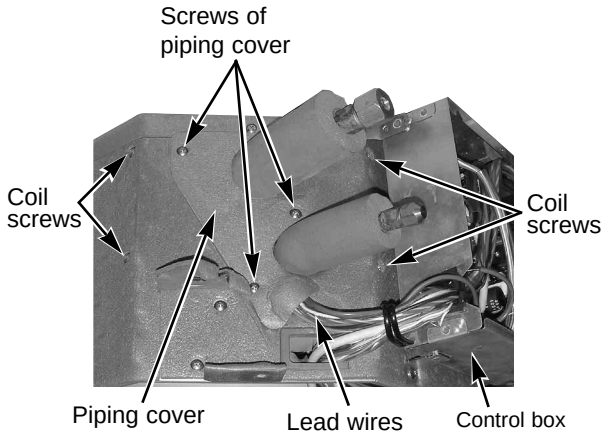
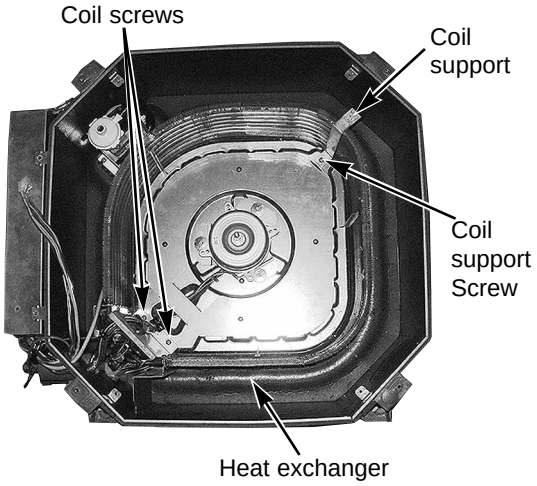
11 DISASSEMBLY PROCEDURE

SLH-1AR.TH SLH-1.6AR.TH SLH-2AR.TH
SLH-1AR$_1$.TH SLH-1.6AR$_1$.TH SLH-2AR$_1$.TH
SL-1AR.TH SL-1.6AR.TH SL-2AR.TH
SL-1AR.TH-T SL-1.6AR.TH-T SL-2AR.TH-T

Be careful on removing heavy parts.

OPERATING PROCEDURE	PHOTOS&ILLUSTRATIONS
1. Removing the air intake grille (1) Slide the knob of air intake grille to the direction of the arrow ① to open the air intake grille. (2) Remove the string hook from the panel to pretend the grille from dropping. (3) Slide the shaft in the hinge to the direction of the arrow② and remove the air intake grille.	**Figure 1** 
2. Removing the fan guard (1) Open the air intake grille. (2) Remove the 3 screws of fan guard.	**Photo 1** 
3. Removing the panel (1) Remove the air intake grille.(See figure 1) **Corner panel (See figure 2)** (1) Remove the screw of the corner. (2) Slide the corner panel to the direction of the arrow③, and remove the corner panel. **Panel (See photo 2)** (1) Disconnect the connector that connects with the unit. (2) Remove the 2 screws from the panel and loose another 2 screws, which fixed to the oval hole, have different diameter. (3) Rotate the panel a little to remove the screws.(Slide the panel so that the screw comes to a large diameter of the oval hole, which has two different diameters.)	**Figure 2**  **Photo 2** 
4. Removing the electrical parts (1) Remove the 2 screws and the control box cover. <Electrical parts in the control box> • Indoor controller board • Compressor contactor • Fuse • Varistor • Terminal block	**Photo 3** 

OPERATING PROCEDURE	PHOTOS&ILLUSTRATIONS
5. Remove the room temperature thermistor (1) Remove the panel. (See photo 2) (2) Pull out the room temperature thermistor from the drain pan. (3) Remove the 2 screws fixed to the control box cover, and remove the control box cover. (4) Remove the connector (CN20) from the indoor controller board, and disconnect the room temperature thermistor.	**Photo 4** 
6. Remove the drain pan (1) Remove the panel.(See photo 2) (2) Remove the room temperature thermistor and the 2 lead wires held with fastener; wireless controller board relay connector (9P red) and panel relay connector (10P white). (3) Remove the 4 screws fixed to the drain pan, and remove the drain pan. (4) Remove the fan guard. (See photo 1)	
7. Removing the indoor coil thermistor (1) Remove the panel.(See photo 2) (2) Remove the drain pan.(See photo 4) (3) Disconnect the indoor coil thermistor from the holder. (4) Remove the 3 screws fixed to the piping cover, and remove the piping cover. (See photo 9) (5) Remove the 2 screws fixed to the control box cover, and remove the control box cover. (6) Remove the connector (CN21) from the indoor controller board, and disconnect the indoor coil thermistor.	**Photo 5** 
8. Remove the fan motor (1) Remove the panel.(See photo 2) (2) Remove the drain pan.(See photo 4) (3) Remove the nut and the washer from the turbo fan, and remove the turbo fan. (4) Remove the 2 screws fixed to the control box cover, and remove the control box cover. (5) Disconnect the connectors of the (fan 1) and the (fan 2) from the indoor controller board. (6) Remove the 3 screws fixed to the piping cover, and remove the piping cover. (See photo 9) (7) Remove the 6 screws fixed to the flat plate, and remove the flat plate. (8) Disconnect the lead wires to the direction of the fan motor, and remove the 3 nuts of the fan motor.	**Photo 6** 

OPERATING PROCEDURE	PHOTOS&ILLUSTRATIONS
9. Removing the drain pump and drain sensor (1) Remove the panel. (See photo 2) (2) Remove the drain pan.(See photo 4) (3) Remove the 2 screws fixed to the control box cover, and remove the control box cover. (4) Remove the connectors of the (CNP) and the (CN31) from the indoor controller board. (5) Remove the 1 screw fixed to the cover, and remove the cover. (6) Disconnect the lead wires to the direction of the drain pump.(See photo 7) (7) Remove the 3 screws of the drain pump. (8) Cut the drain hose band, pull out the drain hose from the drain pump. (9) Pull out the drain pump. (10) Remove the drain sensor and the holder.	**Photo 7**  **Photo 8** 
10. Removing the heat exchanger (1) Remove the panel.(See photo 2) (2) Remove the drain pan.(See photo 4) (3) Remove the nut and the washer from the turbo fan, and remove the turbo fan. (4) Remove the 2 screws fixed to the control box cover, and remove the control box cover. (5) Disconnect the connectors of the (fan 1) and the (fan 2) from the indoor controller board. (6) Remove the 3 screws fixed to the piping cover, and remove the piping cover. (See photo 9) (7) Remove the drain indoor coil thermistor.(See photo 5) (8) Disconnect the lead wires to the direction of the fan motor. (9) Remove the 1 coil support screw, the 2 inside coil screws (See photo 10), and the 4 outside coil screws (See photo 9) from the heat exchanger, and remove the heat exchanger.	**Photo 9**  **Photo 10** 

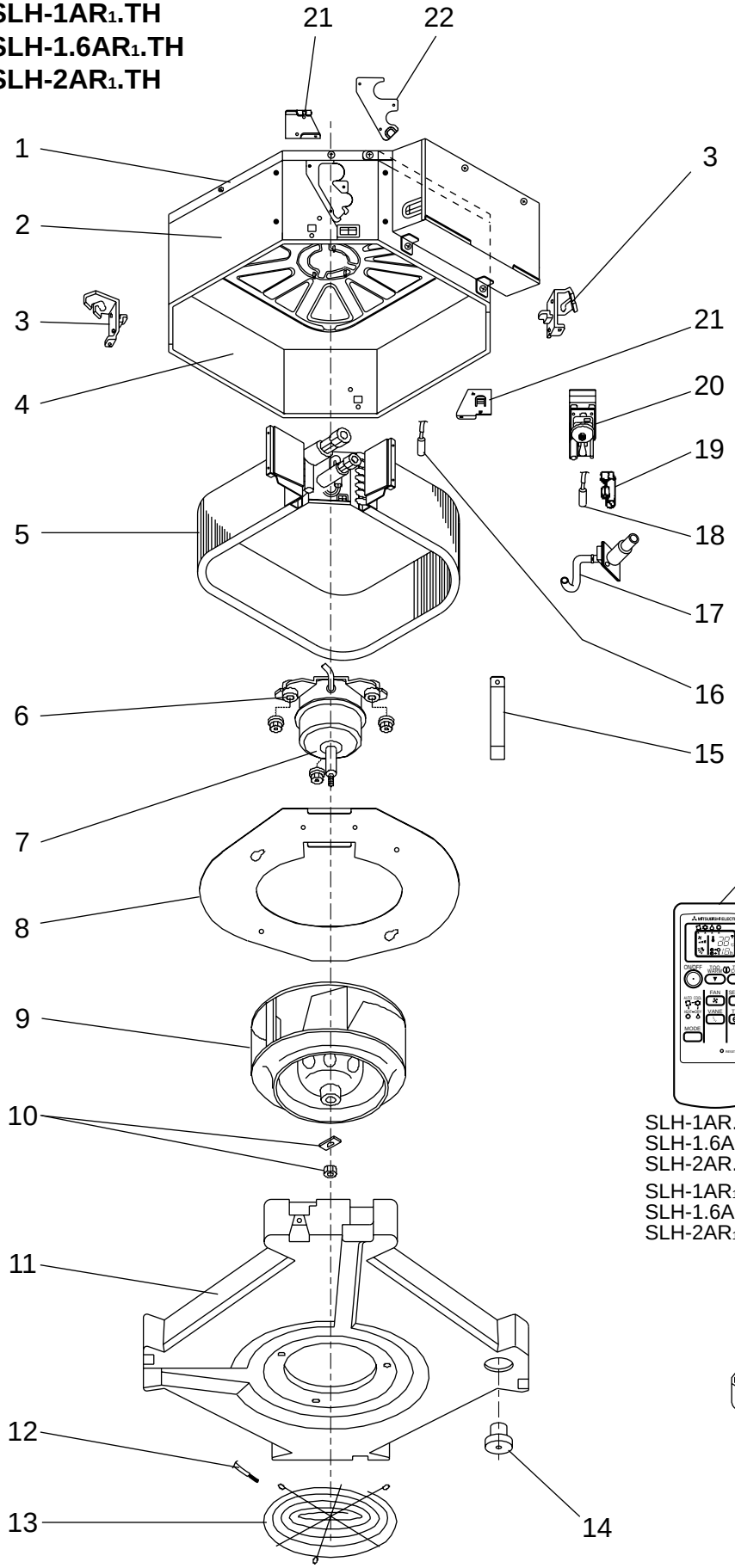
12 PARTS LIST

FUNCTIONAL PARTS

SLH-1AR.TH **SLH-1AR1.TH**
SLH-1.6AR.TH **SLH-1.6AR1.TH**
SLH-2AR.TH **SLH-2AR1.TH**

SL-1AR.TH
SL-1.6AR.TH
SL-2AR.TH

SL-1AR.TH-T
SL-1.6AR.TH-T
SL-2AR.TH-T

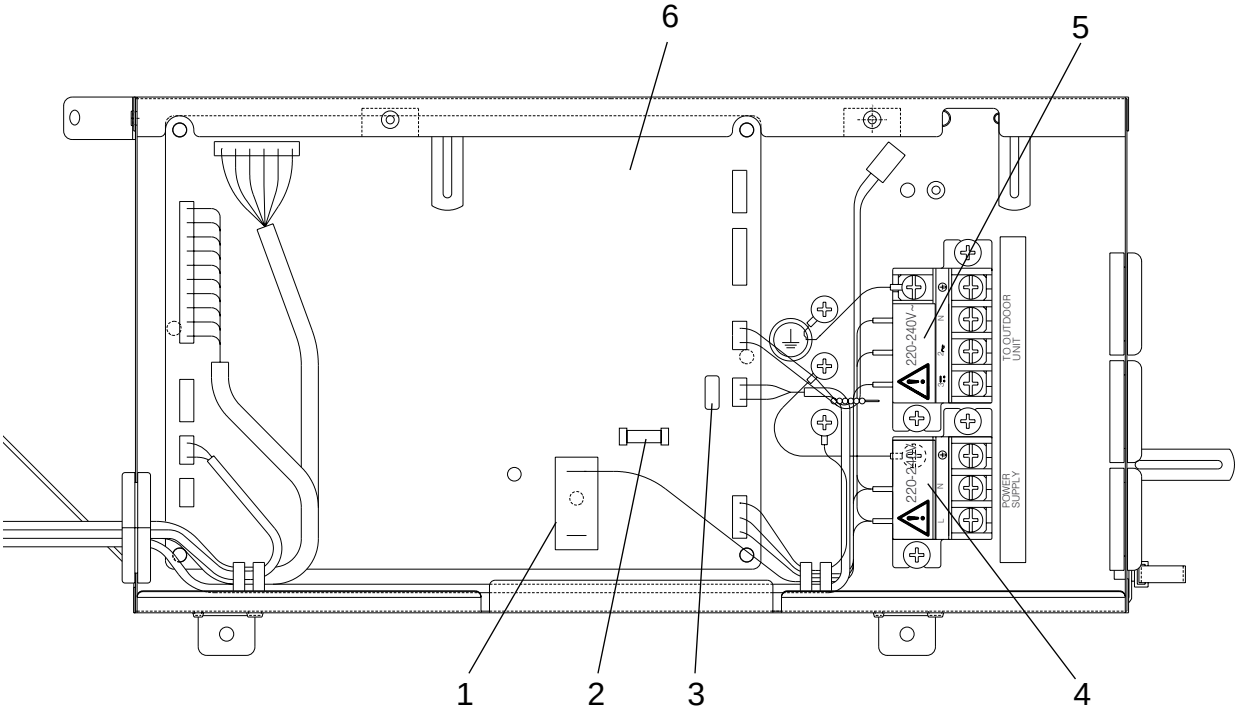


SLH-1AR.TH
SLH-1.6AR.TH
SLH-2AR.TH
SLH-1AR1.TH
SLH-1.6AR1.TH
SLH-2AR1.TH

SL-1AR.TH
SL-1.6AR.TH
SL-2AR.TH
SL-1AR.TH-T
SL-1.6AR.TH-T
SL-2AR.TH-T

No.	Parts No.	Parts name	Specification	Q'ty/set						Remarks (Drawing No.)	Wiring Diagram Symbol	Recom-mended Q'ty	Price	
				SLH-			SL-						Unit	Amount
				1	1.6	2	1	1.6	2					
				AR.TH AR1.TH			AR.TH AR.TH-T							
1	E07 104 290	BASE		1	1	1	1	1	1					
2	E07 104 124	DRUM-1		1	1	1	1	1	1					
3	E07 104 808	LEG-1		2	2	2	2	2	2					
4	E07 105 124	DRUM-2		1	1	1	1	1	1					
5	E07 104 620	INDOOR HEAT EXCHANGER		1			1							
	E07 105 620	INDOOR HEAT EXCHANGER			1			1						
	E07 106 620	INDOOR HEAT EXCHANGER				1			1					
6	E07 104 105	MOTOR MOUNT		3	3	3	3	3	3	3PCS/SET				
7	E07 104 300	INDOOR FAN MOTOR	PK6V11-LA	1			1				MF			
	E07 105 300	INDOOR FAN MOTOR	PK6V21-LA		1			1			MF			
	E07 106 300	INDOOR FAN MOTOR	PK6V21-LB			1			1		MF			
8	E07 104 816	FLAT PLATE		1	1	1	1	1	1					
9	E07 104 502	TURBO FAN		1	1	1	1	1	1					
10	E07 104 097	SPL WASHER		1	1	1	1	1	1					
11	E07 104 700	DRAIN PAN		1	1	1	1	1	1					
12	E07 104 308	ROOM TEMPERATURE THERMISTOR		1	1	1	1	1	1		RT11			
13	E07 104 520	FAN GUARD		1	1	1	1	1	1					
14	E07 104 524	DRAIN PLUG		1	1	1	1	1	1					
15	E07 104 648	COIL SUPPORT		1	1	1	1	1	1					
16	E07 104 307	INDOOR COIL THERMISTOR		1	1	1	1	1	1		RT12			
17	E07 104 702	DRAIN HOSE		1	1	1	1	1	1					
18	E07 104 266	DRAIN SENSOR		1	1	1	1	1	1		DS			
19	E07 104 241	SENSOR HOLDER		1	1	1	1	1	1					
20	E07 104 355	DRAIN PUMP		1	1	1	1	1	1		DP			
21	E07 104 809	LEG-2		2	2	2	2	2	2					
22	E07 104 006	COVER (DRUM)		1	1	1	1	1	1					
23	E07 107 426	WIRELESS REMOTE CONTROLLER		1	1	1					W.R			
	E07 104 426	WIRELESS REMOTE CONTROLLER					1	1	1		W.R			
24	E02 527 083	REMOTE CONTROLLER HOLDER		1	1	1	1	1	1					

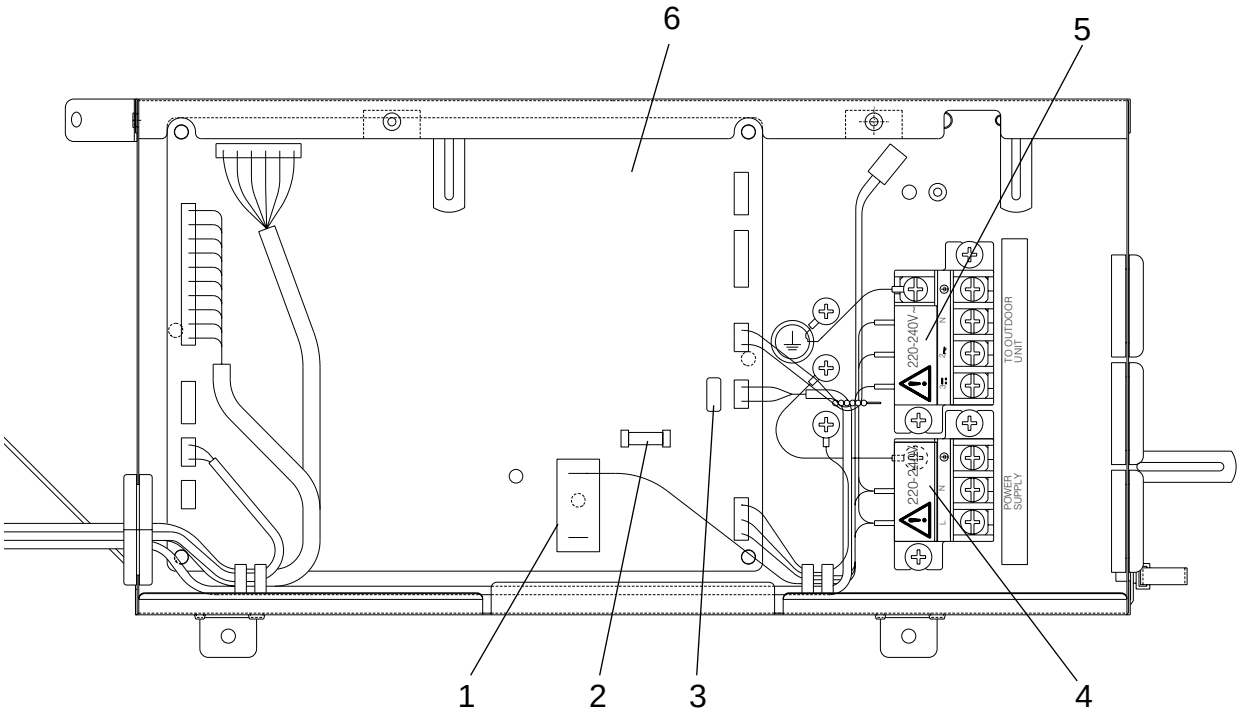
ELECTRICAL PARTS
SLH-1AR.TH SLH-1AR1.TH
SLH-1.6AR.TH SLH-1.6AR1.TH
SLH-2AR.TH SLH-2AR1.TH



No.	Parts No.	Parts name	Specification	Q'ty/set SLH- 1	1.6	2	1	1.6	2	Remarks (Drawing No.)	Wiring Diagram Symbol	Recommended Q'ty	Price Unit	Amount
				AR.TH			AR1.TH							
1	E02 138 340	COMPRESSOR CONTACTOR		1	1	1	1	1	1		52C			
2	E02 127 382	FUSE	250V 3.15A	1	1	1	1	1	1		FUSE			
3	E02 661 385	VARISTOR		1	1	1	1	1	1		ZNR1,2			
4	E02 367 377	TERMINAL BLOCK		1	1	1	1	1	1	3P	TB			
5	E02 257 375	TERMINAL BLOCK		1	1	1	1	1	1	4P	TB			
6	E07 107 447	INDOOR CONTROLLER BOARD		1							I.B			
	E07 108 447	INDOOR CONTROLLER BOARD			1						I.B			
	E07 109 447	INDOOR CONTROLLER BOARD				1					I.B			
	E07 133 447	INDOOR CONTROLLER BOARD					1				I.B			
	E07 134 447	INDOOR CONTROLLER BOARD						1			I.B			
	E07 135 447	INDOOR CONTROLLER BOARD							1		I.B			

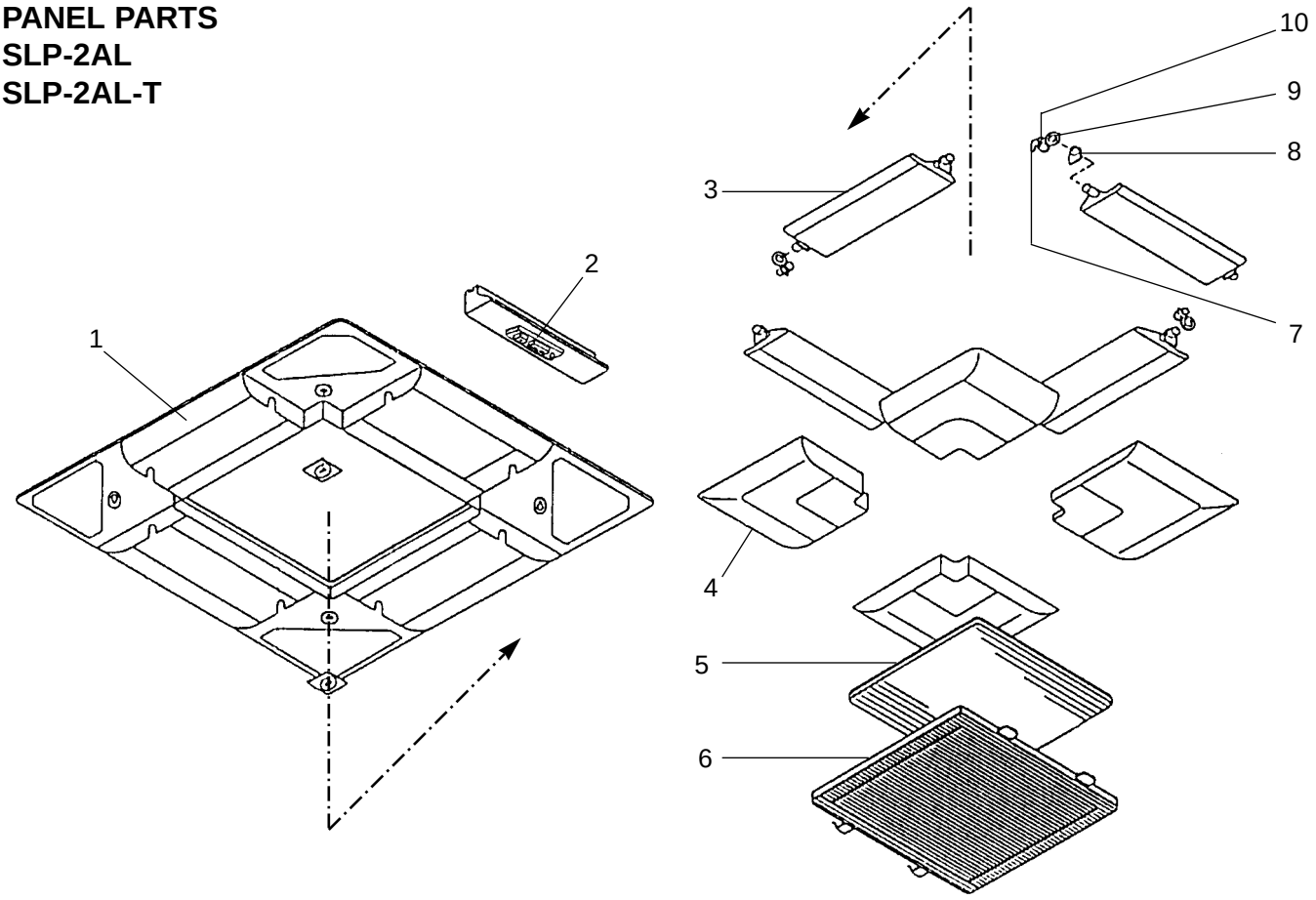
ELECTRICAL PARTS

SL-1AR.TH SL-1AR.TH-T
SL-1.6AR.TH SL-1.6AR.TH-T
SL-2AR.TH SL-2AR.TH-T



No.	Parts No.	Parts name	Specification	Q'ty/set SL- 1 AR.TH AR.TH-T	Q'ty/set SL- 1.6	Q'ty/set SL- 2	Remarks (Drawing No.)	Wiring Diagram Symbol	Recommended Q'ty	Price Unit	Price Amount
1	E02 138 340	COMPRESSOR CONTACTOR		1	1	1		52C			
2	E02 127 382	FUSE	250V 3.15A	1	1	1		FUSE			
3	E02 661 385	VARISTOR		1	1	1		ZNR1,2			
4	E02 367 377	TERMINAL BLOCK		1	1	1	3P	TB			
5	E02 229 375	TERMINAL BLOCK		1	1	1	4P	TB			
6	E07 104 447	INDOOR CONTROLLER BOARD		1				I.B			
	E07 105 447	INDOOR CONTROLLER BOARD			1			I.B			
	E07 106 447	INDOOR CONTROLLER BOARD				1		I.B			

PANEL PARTS
SLP-2AL
SLP-2AL-T



No.	Parts No.	Parts name	Specification	Q'ty/set	Remarks (Drawing No.)	Wiring Diagram Symbol	Recom-mended Q'ty	Price	
				SLP-2AL SLP-2AL-T				Unit	Amount
1	E07 103 003	AIR OUTLET GRILLE		1					
2	E07 103 317	WIRELSS REMOTE CONTROL BOARD		1		W.B			
3	E07 103 037	AUTO VANE		4					
4	E07 103 975	CORNER PANEL		4					
5	E07 103 100	AIR FILTER		1					
6	E07 103 010	INTAKE GRILLE		1					
7	E07 103 303	VANE MOTOR		4		MV			
8	E07 103 044	VANE BUSH		8					
9	E07 103 031	GEAR (V)		4					
10	E07 103 032	GEAR (M)		4					

Mr.SLIM™

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