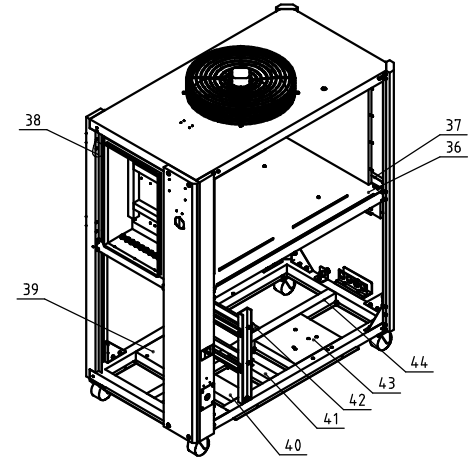
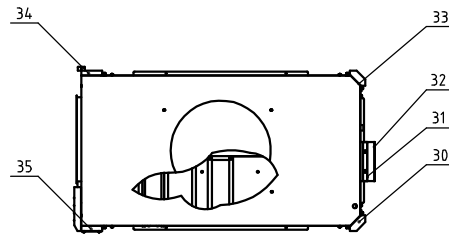
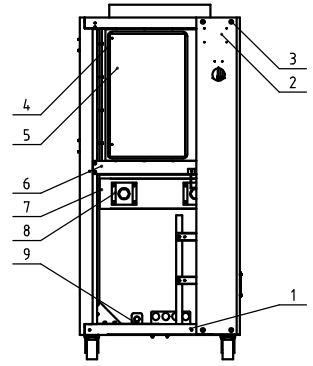
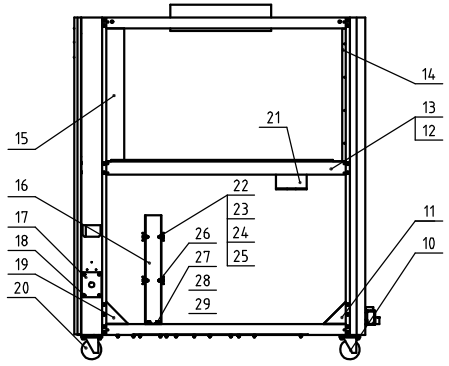


版本号
A

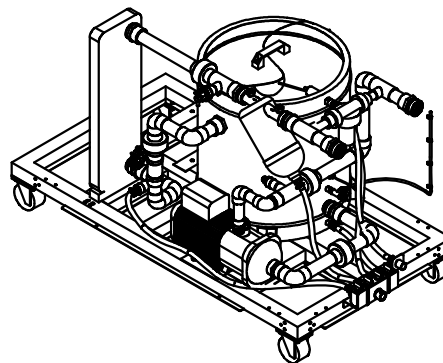
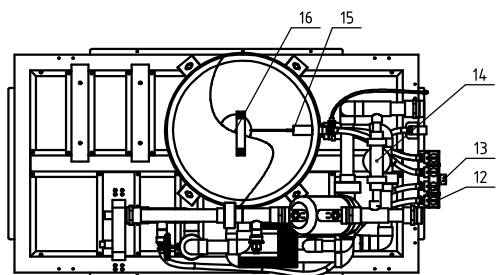
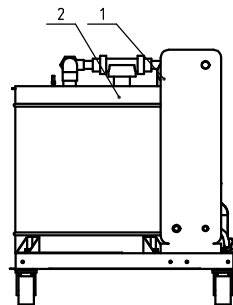
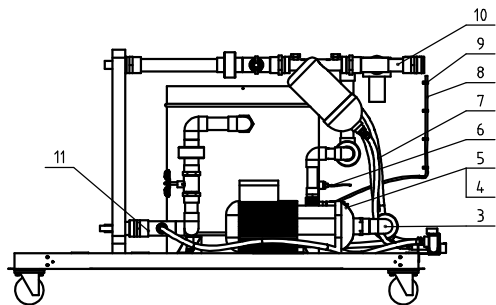


Tech. Req:
1.Lock up the components tightly with fastening screws according to standard torque.
2.The surface must without flaking paint and scratches;
3.The panel is easy to disassemble, without interference and stuck.

44	SIC-25A-R2-A-11	Bottom mid. beam	SPCC2.0	1	borrow
43	SIC-25A-R2-A-14	Water pump bottom plate	SPCC2.0	1	borrow
42	SIC-25A-R2-A-13	Water tank beam 2	SPCC2.0	1	borrow
41	SIC-25A-R2-A-12	Water tank beam 1	SPCC2.0	1	borrow
40	SIC-25A-R2-A-15	Plate exchange bottom plate	SPCC2.0	1	borrow
39	SIC-15A-R2-A-01	Compressor beam	SPCC2.0	1	
38	SIC-33A-R2-A-34	Top panel fixed bolt support	SPCC2.0	2	borrow
37	SIC-25A-R2-A-17	Rear mid. beam	SPCC2.0	1	borrow
36	SIC-25A-R2-A-25	Condensor lower seal plate	SPCC1.0	1	borrow
35	SIC-25A-R2-A-03	Right front column	SPCC2.0	1	borrow
34	SIC-25A-R2-A-02	Left front column	SPCC2.0	1	borrow
33	SIC-25A-R2-A-04	Left rear column	SPCC2.0	1	borrow
32	SIC-33A-R2-A-38	Water collector fixed plate	SPCC2.0	1	borrow
31	SIC-25A-R2-A-28	Water collector fixation	SPCC2.0	1	borrow
30	SIC-25A-R2-A-05	Right rear column	SPCC2.0	1	borrow
29	YW66081600000	Flat washer A GB/T193.18.4.16x1.6	14.0HV	4	
28	YW65008000100	Standard spring washer GB/T193.8	65Mn	4	
27	YW60082000200	Hex. bolt GB/T5783 M8x20	5.0	4	
26	SIC-33A-R2-A-18	Evaporator fixation sheet	SPCC2.0	4	borrow
25	YW64.000600300	Hex. bolt GB/T5781 M6x20	4.8	155	
24	YW66061300000	Standard spring washer GB/T193.6	65Mn	155	
23	YW65006000100	Flat washer A GB/T193.16.4x1.6x1.6	14.0HV	243	
22	YW60062000100	Hex. nut GB/T6170 M6	5.0	88	
21	SIC-25A-R2-A-27	Filter fixed plate	SPCC2.0	1	borrow
20	YW03000300000	3" black PPR wheel with brake	structure parts	2	
19	SIC-33A-R2-A-36	Triangle plate 2	SPCC2.0	3	borrow
18	YW62051000100	Large cross recessed flat head screw JS1111 M5x10	4.8	27	
17	SG-S-01	Wire clamp fixed plate M25	SPCC2.0	1	borrow
16	SIC-25A-R2-A-16	Evaporator fixed slot	SPCC2.0	2	borrow
15	SIC-25A-R2-A-24	Condenser front seal plate	SPCC1.5	1	borrow
14	SIC-25A-R2-A-26	Condenser rear seal plate	SPCC1.5	1	borrow
13	SIC-25A-R2-A-19	Right middle beam	SPCC2.0	1	borrow
12	SIC-25A-R2-A-18	Left middle beam	SPCC2.0	1	borrow
11	SIC-33A-R2-A-35	Triangle plate 1	SPCC2.0	3	borrow
10	YW03000300200	3" black movable PPR wheel	structure parts	2	
9	SIC-33A-R2-A-39	Refilling pipe fixed plate	SPCC2.0	1	borrow
8	SIC-25A-R2-A-23	Inlet water pipe fixed folded plate	SPCC2.0	2	borrow
7	SIC-25A-R2-A-22	Inlet water pipe fixed beam	SPCC2.0	1	borrow
6	SIC-25A-R2-A-08	Front middle beam	SPCC2.0	1	borrow
5	SIC-25A-R2-A-07	Electrical bottom plate	SECC1.5	1	borrow
4	SIC-25A-R2-A-06	Control box	SPCC1.5	1	borrow
3	YW62063500000	Large cross recessed flat head screw JS1111 M6x35	4.8	4	
2	SIC-25A-R2-A-01	Meter plate	SPCC1.5	1	borrow
1	SIC-25A-R2-A-09	Bottom frame	SPCC2.0	1	borrow

制图	版号	A	标题	SIC-15A-R2	图号	SIC-15A-R2-A-ALL	比例	1:18	数量	1
设计	核准		机架				表面要求	材质	组合件	
标记	更改前	更改后	更改人	日期	审核	日期	20200214	物料号		





Tech Req:

- 1.The joint of metal and plastic connectors are wrapped with material tape and sealed;
- 2.Use special glue to connect the PVC-U water pipe;
- 3.After the assembly, make water leakage test it with 0.7Mpa pressure;
- 4.Water pipes and water tanks need thermal insulation;

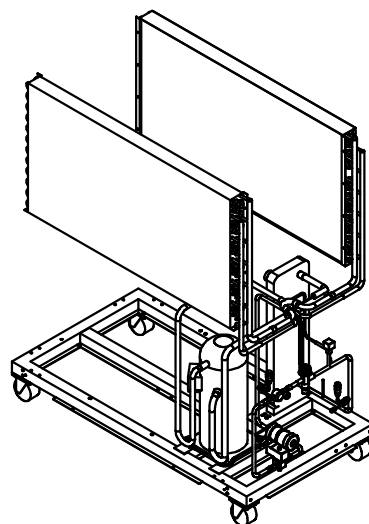
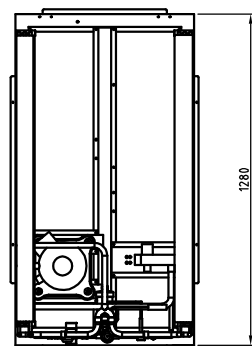
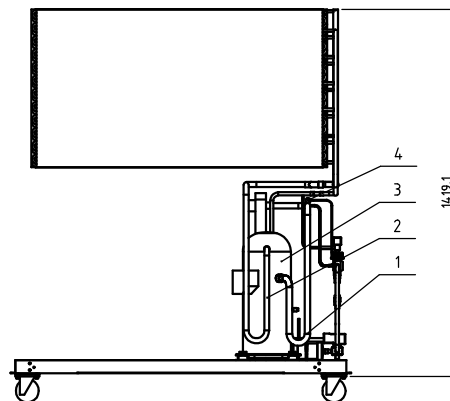
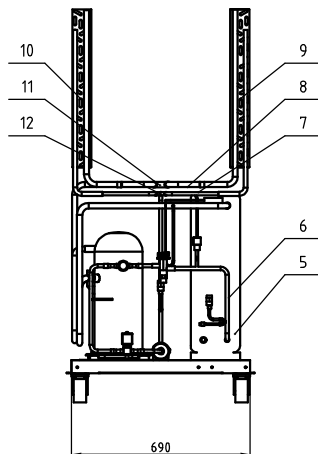
16	BW20012000040	Alu. square handle 120L(bih.)	assembly	1	
15	YW59010200000	Float ball switch copper 1/2"	assembly	1	
14	SIC-25A-R2-B-04	Water pump outlet pipe assembly	assembly	1	borrow
13	YW02182900000	Stainless steel pipe clamp 1/8-2/1"	assembly	4	
12	YW50001200300	Four-in-one ball valve water collector 1/2"	assembly	1	
11	SIC-25A-R2-B-02	Plate exchange outlet pipe assembly	assembly	1	borrow
10	SIC-25A-R2-B-01	Return water pipe assembly	assembly	1	borrow
9	YR90000022000	Cable tie	plastics	5	
8	YR60620000100	Transparent hose	PE	15M	
7	YR60051000000	Steel wire hose 1/2"	assembly	3M	
6	YE90001600000	Level switch	assembly	1	
5	YM21004600200	High pressure pump CHM4-5	assembly	1	for high pressure
4	YM21040500200	Middle pressure pump CHM4-5	assembly	1	for high pressure
3	SIC-15A-R2-B-01	Water pump inlet pipe assembly	assembly	1	
2	SIC-25A-R2-B-05	Water case	assembly	1	borrow
1	YW87951000000	Evaporator HBL95B-10D	assembly	1	
No.	Material number	Name	Mat.	Num.	Remarks

制图	谢浩斌	版号	A	标题	SIC-15A-R2	图号	SIC-15A-R2-B-ALL
设计	谢浩斌	核			水系统		
校对		准					
标记	更改前	更改后	更改人	日期	审核	日期	20200214



比例	1:13	数量	1
表面要求		材质	组合件
物料号			

版本号
A



Tech. Req:

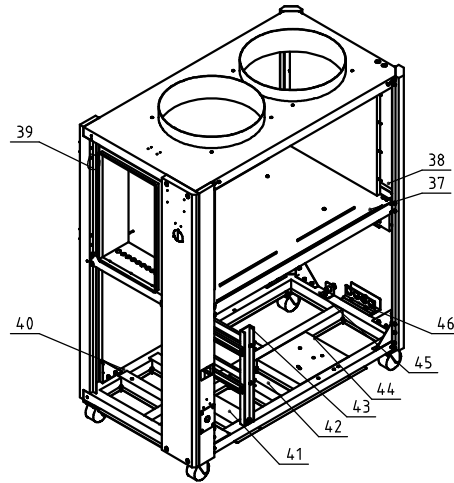
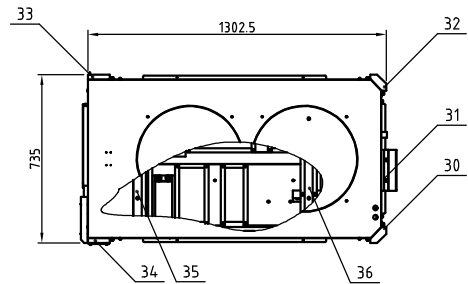
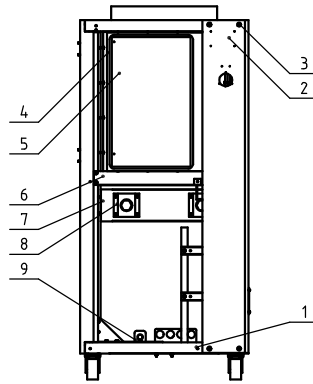
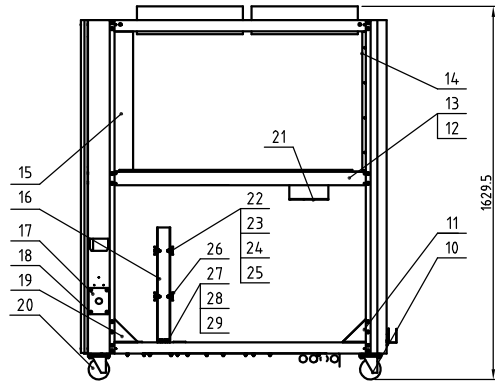
- 1.It's recommended to contain at least 20% silver in the welding rod during copper and stainless steel welding, contain 5% silver in the welding rod during copper and copper welding. All parts shall be installed firmly and perfectly. When using low phosphorus welding rod, higher welding technologies shall be required;
- 2.During welding, it should have anti-oxidation protection. After welding, there shall be no ash and foreign matters in the pipeline and the welding ports shall be smooth;
- 3.After the assembly, fill the refrigerant system with 3.2Mpa nitrogen to maintain the pressure, and the pressure gauge reading doesn't change within 10 hours.
- 4.The surface of copper pipe and evaporator in low temp. zone shall be covered with insulation cotton.
- 5.The thermocoupler head must have insulation treatment;

12	YW05000500900	Y type three way 5"	TP2Y	1	
11	YW05000700800	Y type three way 7"	TP2Y	1	
10	SIC-25A-R2-C-02	Left fin style condenser	structure parts	1	borrow
9	SIC-25A-R2-C-03	Right fin style condenser	structure parts	1	borrow
8	SIC-25A-R2-C-06	Left & right condenser outlet pipe	TP2M	2	borrow
7	SIC-25A-R2-C-07	Left & right condenser outlet pipe	TP2M	2	borrow
6	SIC-15A-R2-C-03	Liquid pipe welding	TP2M	1	
5	YW87951000000	Plate exchanger HBL 95B-100	SUS316L	1	
4	This drawing	Expansion valve Thermocoupler	TP2M	1	
3	YM700504.00500	Compressor	assembly	1	
2	SIC-15A-R2-C-02	Exhaust pipe	TP2M	1	
1	SIC-15A-R2-C-01	Return air pipe	TP2M	1	
No.	Material number	Name	Mat.	Num.	Remarks

					制图	版号	A	标题	SIC-15A-R2	图号	SIC-15A-R2-C-ALL	比例	1:16	数量	1
					设计	核			冷媒系统						
					校对	准									
标记	更改前	更改后	更改人	日期	审核	日期	20200214					表面要求			
												物料号			

SHINI 信孚智能机械股份有限公司
Shini Pumps & Technologies, Inc.

版本号
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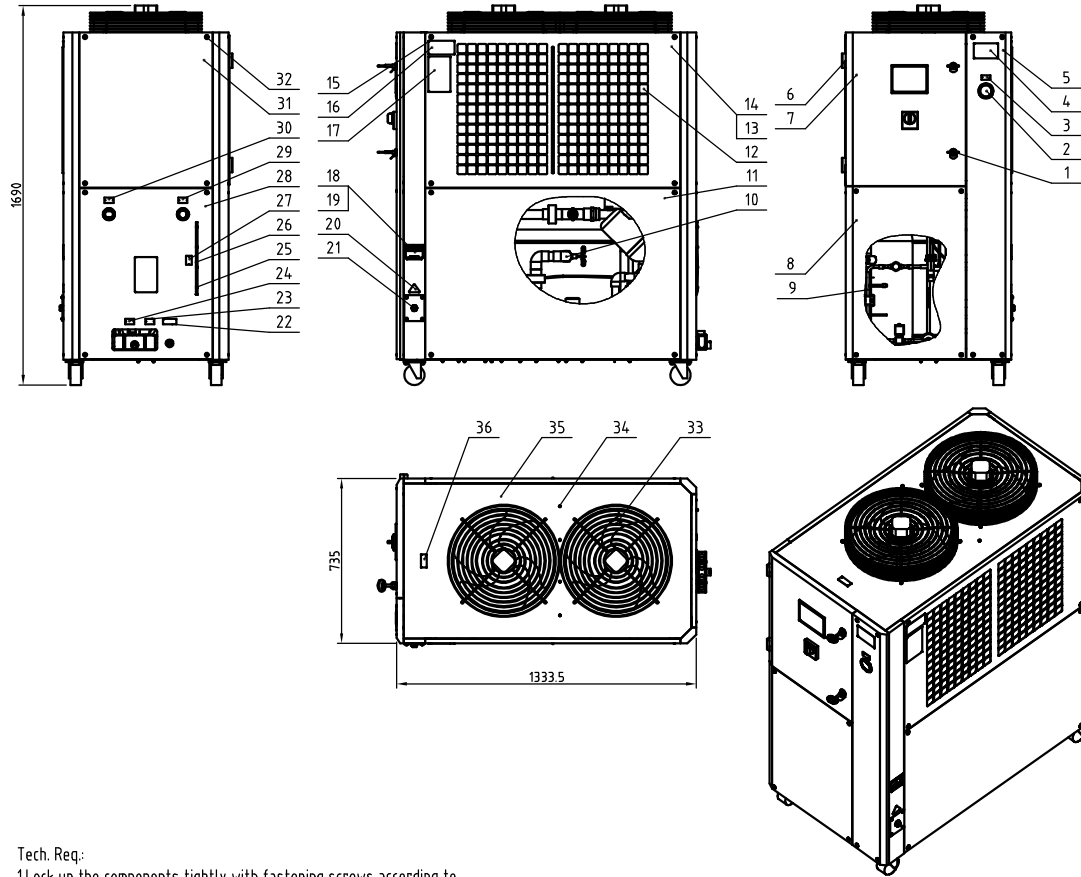


- Tech. Req:
 1.Lock up the components tightly with fastening screws according to standard torque
 2.The surface must without flaking paint and scratches;

序号	Material number	Name	Mat.	Num.	Remark
46	SIC-25A-R2-A-28	Water collector fixation	SPCC2.0	1	
45	SIC-25A-R2-A-11	Bottom mid. beam	SPCC2.0	1	
44	SIC-25A-R2-A-14	Water pump bottom plate	SPCC2.0	1	
43	SIC-25A-R2-A-13	Water tank beam 2	SPCC2.0	1	
42	SIC-25A-R2-A-12	Water tank beam 1	SPCC2.0	1	
41	SIC-25A-R2-A-15	Plate exchange bottom plate	SPCC2.0	1	
40	SIC-25A-R2-A-10	Compressor beam	SPCC2.0	2	
39	SIC-33A-R2-A-34	Top panel fixed bolt support	SPCC2.0	2	borrow
38	SIC-25A-R2-A-17	Rear mid. beam	SPCC2.0	1	
37	SIC-25A-R2-A-25	Condenser lower seal plate	SPCC1.0	1	
36	SIC-25A-R2-A-21	Water filter fixed beam	SPCC2.0	1	
35	SIC-25A-R2-A-20	Copper pipe fixed beam	SPCC2.0	1	
34	SIC-25A-R2-A-03	Right front column	SPCC2.0	1	
33	SIC-25A-R2-A-02	Left front column	SPCC2.0	1	
32	SIC-25A-R2-A-04	Left rear column	SPCC2.0	1	
31	SIC-33A-R2-A-38	Water collector fixed plate	SPCC2.0	1	borrow
30	SIC-25A-R2-A-05	Right rear column	SPCC2.0	1	
29	YW660816000000	Flat washer A GB/T97.104-L16-1.6	14.0HV	4	
28	YW65008000100	Standard spring washer GB/T93.8	65Mn	4	
27	YW60082000200	Hex. bolt GB/T5783 M8x20	5.0	4	
26	SIC-33A-R2-A-18	Evaporator fixation sheet	SPCC2.0	4	borrow
25	YW64000600300	Hex. bolt GB/T5781 M6x20	4.8	155	
24	YW66061300000	Standard spring washer GB/T93.6	65Mn	155	
23	YW65006000100	Flat washer A GB/T97.1 16.4x12x1.6	14.0HV	243	
22	YW60062000100	Hex. nut GB/T6170 M6	5.0	88	
21	SIC-25A-R2-A-27	Filter fixed plate	SPCC2.0	1	
20	YW03000300000	3" black PPR wheel with brake	structure	2	
19	SIC-33A-R2-A-36	Triangle plate 2	SPCC2.0	3	borrow
18	YW62051000100	Large cross recessed flat head screw JIS1111 M5x30	4.8	27	
17	SG-S-01	Wire clamp fixed plate M25	SPCC2.0	1	borrow
16	SIC-25A-R2-A-16	Evaporator fixed slot	SPCC2.0	2	
15	SIC-25A-R2-A-24	Condenser front seal plate	SPCC1.5	1	
14	SIC-25A-R2-A-26	Condenser rear seal plate	SPCC1.5	1	
13	SIC-25A-R2-A-19	Right middle beam	SPCC2.0	1	
12	SIC-25A-R2-A-18	Left middle beam	SPCC2.0	1	
11	SIC-33A-R2-A-35	Triangle plate 1	SPCC2.0	3	borrow
10	YW03000300200	3" black movable PPR wheel	structure	2	
9	SIC-33A-R2-A-39	Refilling pipe fixed plate	SPCC2.0	1	borrow
8	SIC-25A-R2-A-23	Water water pipe fixed rounded plate	SPCC2.0	2	
7	SIC-25A-R2-A-22	Inlet water pipe fixed beam	SPCC2.0	1	
6	SIC-25A-R2-A-08	Front middle beam	SPCC2.0	1	
5	SIC-25A-R2-A-07	Electrical bottom plate	SECC1.5	1	
4	SIC-25A-R2-A-06	Control box	SPCC1.5	1	
3	YW62063500000	Large cross recessed flat head screw JIS1111 M6x35	4.8	4	
2	SIC-25A-R2-A-01	Meter plate	SPCC1.5	1	
1	SIC-25A-R2-A-09	Bottom frame	SPCC2.0	1	

				制图	版号	A	标题	SIC-25A-R2	图号	SIC-25A-R2-A-ALL	比例	1:18	数量	1
				设计	核		机架				表面要求		材质	组合件
				校对	准									
				审核	日期	20200212								
标记	更改前	更改后	更改人	日期	日期	20200212	信基智能装备股份有限公司 Shini Intelligent Equipment Co., Ltd.				物料号			

Cooling Capacity (inlet temperature 70℉/21℃/60℉)	Cooling Capacity (inlet temperature 70℉/21℃/60℉)	Cooling Capacity (inlet temperature 70℉/21℃/60℉)	Total power (inlet voltage/high pressure)	Chilled water inlet (inch)	Chilled water outlet (inch)	Drain port (inch)	Water tank refill port (inch)	Chilled water flow (L/min)	Water tank capacity(L)	Weight (kg)	Ver.
19/22	21/24	25/29	8.12kw	Rc1.25	Rc1.25	Rc1/2	Rc1/2	71.7	76	366	A



36	YP304.32000000	Directional label	2024	1	
35	SIC-25A-R2-ALL-08	SPCC15	1		
34	YW674819000000	Cross recessed pin head self-tapping screw S7.8x19	SPCC15	37	
33	YM60450003600	Fan 20D150S dual frequency wide voltage	Assembly	2	
32	YW620635000000	Large cross recessed pin head screw M4x35	4.8	28	
31	SIC-25A-R2-ALL-06	Rear upper panel	SPCC15	1	
30	YP304.22000000	Return from mould table	2024	1	
29	YP304.23000000	To mould table	2024	1	
28	SIC-25A-R2-ALL-07	Rear low panel	SPCC15	1	
27	YP30102003100	Liquid level indicator table	2024	1	
26	YR60620000100	Transparent air pipe structure parts		3M	
25	YR90000022000	Air conditional black band (for 450P)	Assembly	5	
24	YW03000300200	3" black movable wheel PPR	Assembly	2	
23	YP304.02000500	Overflow port indicator label	2024	1	
22	YP30602500000	Purified water inlet indicator label (for 450P)	2024	1	
21	YE67251500100	Copper shield plate cable connector 450-15	Assembly	1	
20	YP31051650000	Triangle power 3 phase 400V	2024	1	
19	YR40048500000	Shell RS-485	Assembly	1	
18	YE90048501200	Conn. interface plate RS-485	Assembly	1	
17	YP31115800400	Water cutter main & repair kit label	Assembly	1	
16	YP31018600000	Notice label (English & Chinese)	2024	1	
15	YW69020500000	Rivet GB/T 827 2x5		20	
14	SIC-25A-R2-ALL-05	Right upper side plate	SPCC15	1	
13	SIC-25A-R2-ALL-03	Left upper side plate	SPCC15	1	
12	SIC-25A-R2-ALL-10	Anti-dust screen	PA66	2	
11	SIC-25A-R2-ALL-04	Lower side plate	SPCC15	2	
10	SIC-25A-R2-B-ALL	Water medium system	Assembly	1	
9	SIC-25A-R2-C-ALL	Refrigerant system	Assembly	1	
8	SIC-25A-R2-ALL-02	Front low panel	SPCC15	1	
7	SIC-25A-R2-ALL-01	Front upper panel	SPCC15	1	
6	YW06203100400	Large chain (L203-116ft)	SPCC2.0	2	
5	SIC-25A-R2-A-ALL	Rack	Assembly	1	
4	YP30108680000	CE alu. nameplate 100x60	2024	1	
3	YP304.25000000	Fung pressure gauge (alu. plate label)	2024	1	
2	YW85001000100	Pressure gauge 0-10KG	Assembly	1	
1	YW00816100000	Door lock (MS816-1 with key)	Assembly	2	
No.	Material number	Name	Mat.	Num.	Remarks

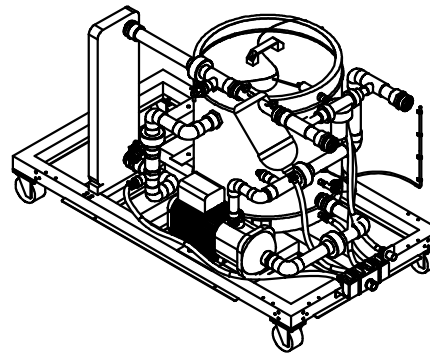
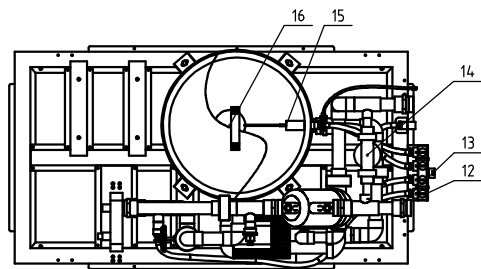
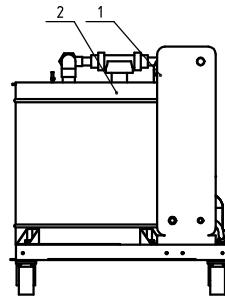
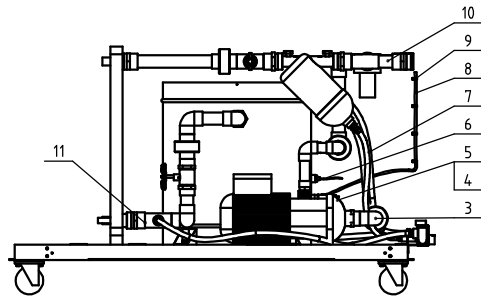
Tech. Req:

- 1.Lock up the components tightly with fastening screws according to standard torque.
- 2.The surface must without flaking paint and scratches;
- 3.The panel is easy to disassemble, without interference and stuck.

制图	版号	A	标题	SIC-25A-R2	图号	SIC-25A-R2-ALL	比例	1:18	数量	1
设计	核准		总装图							
校对	审核									
标记	更改前	更改后	更改人	日期	审核	日期	表面要求		物料号	



版本号
A



Tech Req:

- 1.The joint of metal and plastic connectors are wrapped with material tape and sealed;
- 2.Use special glue to connect the PVC-U water pipe;
- 3.After the assembly, make water leakage test it with 0.7Mpa pressure;
4. Water pipes and water tanks need thermal insulation;

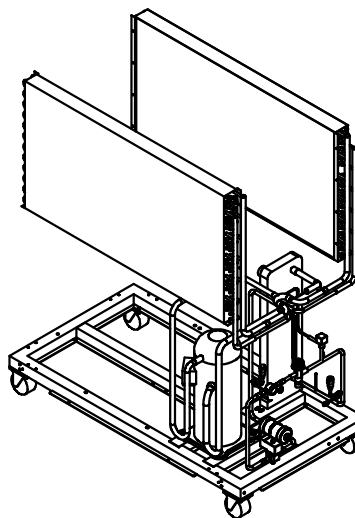
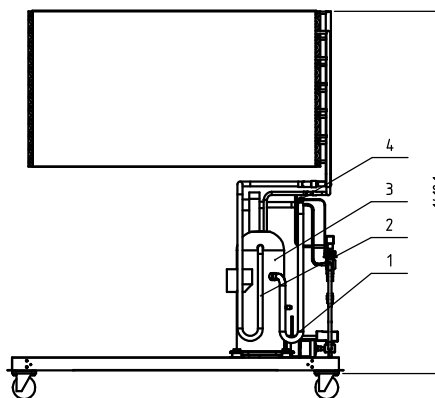
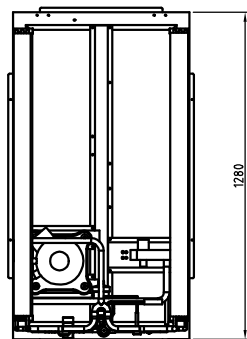
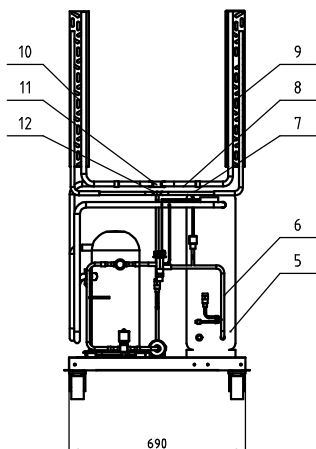
16	BW20012000040	Alu square handle 120L/bbl.	assembly	1	
15	YW59010200000	Float ball switch copper-j	assembly	1	
14	SIC-25A-R2-B-04	Water pump outlet pipe assembly	assembly	1	
13	YW02182900000	Stainless steel pipe clamp (18-20)	assembly	4	
12	YW50001200300	Four-in-one ball valve water collector 1/2"	assembly	1	
11	SIC-25A-R2-B-02	Plate exchange outlet pipe assembly	assembly	1	
10	SIC-25A-R2-B-01	Return water pipe assembly	assembly	1	
9	YR90000022000	Cable tie	plastics	5	
8	YR60620000100	Transparent hose	PE	1.5M	
7	YR60051000000	Steel wire hose 3"	assembly	3M	
6	YE90001600000	Level switch	assembly	1	
5	YM21004600200	High pressure pump CHM4-6	assembly	1	for high pressure
4	YM21040500200	Middle pressure pump CHM4-5	assembly	1	for high pressure
3	SIC-25A-R2-B-03	Water pump inlet pipe assembly	assembly	1	
2	SIC-25A-R2-B-05	Water case	assembly	1	
1	YW87951000000	Evaporator HBL95B-10D	assembly	1	
No.	Material number	Name	Mat.	Num	Remarks

制图	版号	A	标题	SIC-25A-R2	图号	SIC-25A-R2-B-ALL
设计	核		水系统			
校对	准					
审核	日期	20200212				
标记	更改前	更改后	更改人	日期		

SHINI 制器電熱機股份有限公司
SHINI Electric Heating Machinery Co., Ltd.

比例	1:13	数量	1
表面要求			
物料号			

版本号
A



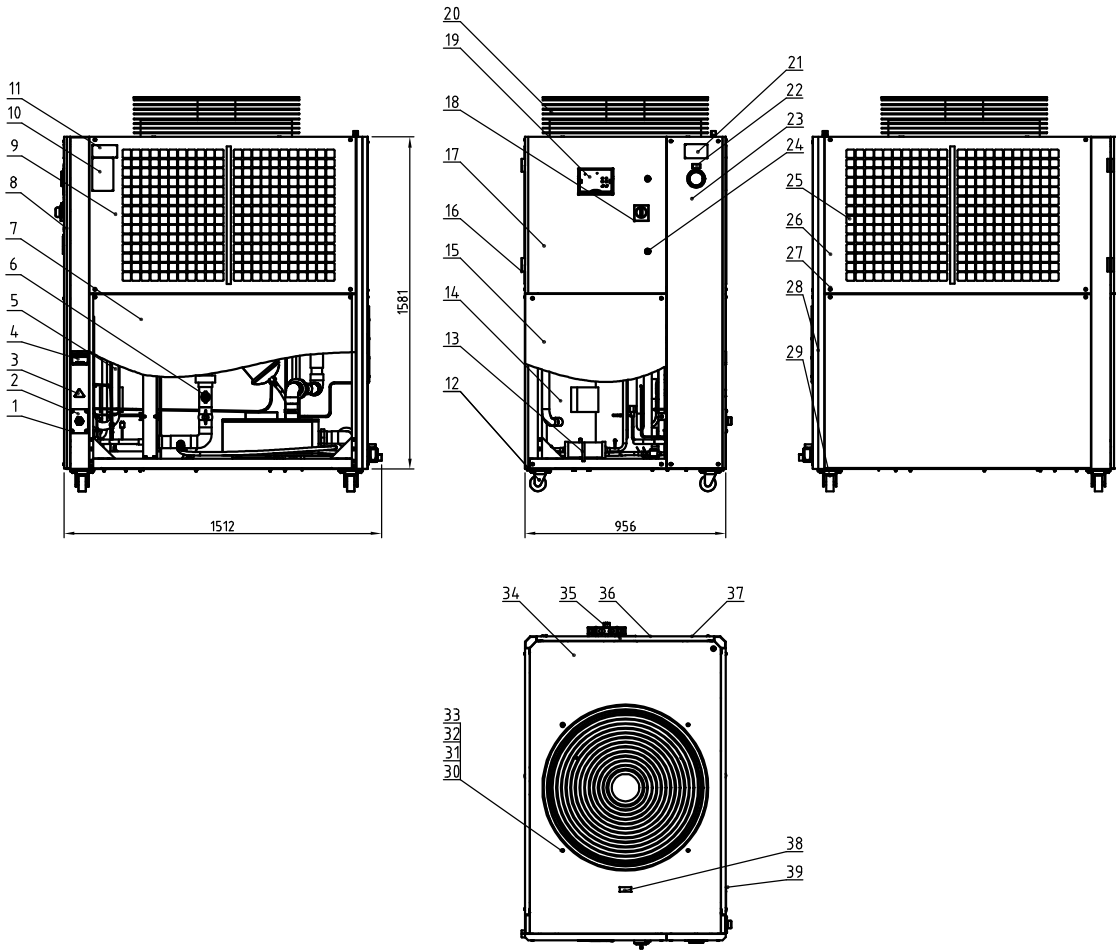
Tech. Req:

- 1.It's recommended to contain at least 20% silver in the welding rod during copper and stainless steel welding, contain 5% silver in the welding rod during copper and copper welding. All parts shall be installed firmly and perfectly. When using low phosphorus welding rod, higher welding technologies shall be required;
- 2.During welding, it should have anti-oxidation protection. After welding, there shall be no ash and foreign matters in the pipeline and the welding ports shall be smooth;
- 3.After the assembly, fill the refrigerant system with 3.2Mpa nitrogen to maintain the pressure, and the pressure gauge reading doesn't change within 10 hours.
- 4.The surface of copper pipe and evaporator in low temp. zone shall be covered with insulation cotton.
- 5.The thermocoupler head must have insulation treatment;

12	YW05000500900	Y type three way 5"	TP2Y	1	
11	YW05000700800	Y type three way 7"	TP2Y	1	
10	SIC-25A-R2-C-02	Left fin style condenser	structure parts	1	
9	SIC-25A-R2-C-03	Right fin style condenser	structure parts	1	
8	SIC-25A-R2-C-06	Left & right condenser outlet pipe	TP2M	2	
7	SIC-25A-R2-C-07	Left & right condenser outlet pipe	TP2M	2	
6	SIC-25A-R2-C-08	Liquid pipe welding	TP2M	1	
5	YW87951000000	Plate exchanger:HBL 95B-100	SUS316L	1	
4	This drawing	Expansion valve thermocoupler	TP2M	1	
3	YM70006100000	Compressor	assembly	1	
2	SIC-25A-R2-C-05	Exhaust pipe	TP2M	1	
1	SIC-25A-R2-C-04	Return air pipe	TP2M	1	
No.	Material number	Name	Mat.	Num	Remarks

					制图	版号	A	标题	SIC-25A-R2	图号	SIC-25A-R2-C-ALL	比例	1:16	数量	1
					设计	核		冷媒系统				表面要求	材质	组合件	
					校对	准									
标记	更改前	更改后	更改人	日期	审核	日期	20200212	SHINI 信易智能机械股份有限公司 Shini Intelligent Machinery Co., Ltd.				物料号			

Cooling Capacity (rated temperature: 70/50/65/18) (kW)	Cooling Capacity (rated temperature: 70/50/65/18) (kW)	Cooling Capacity (rated temperature: 70/50/65/18) (kW)	Total power (in kW) (kg)	Chilled water inlet (inch)	Chilled water outlet (inch)	Drain port (inch)	Water tank refill port (inch)	Chilled water flow (L/min)	Water tank capacity (L)	Weight (kg)	Ver.
40/46	44/50	49/56	14.55/15.25kw	Rc1.5	Rc1.5	Rc1/2	Rc1/2	14.0.5	137	520	A



39	YW69020500000	Rivet GB/T 827 2x5		24	
38	YP30432000000	Fan directional label	2024	1	
37	YP30352100000	Rear plate alu. label	2024	1	
36	SIC-49A-R2-ALL-06	Rear upper panel	SPCC1.5	1	
35	SIC-49A-R2-ALL-07	Rear lower panel	SPCC1.5	1	
34	SIC-49A-R2-ALL-08	Top plate	Welding parts	1	
33	YW64001000100	Hex nut M10	4.0	4	
32	YW66102000100	Flat washer 11x20x2	14.0HV	4	
31	YW65010000000	Standard spring washer 10	65Mn	4	
30	YW60102500000	Hex bolt M10x35	12.9	4	
29	YW03000300000	3" black wheel/brake	Assembly	2	
28	SIC-49A-R2-A-ALL	Rack assembly	Assembly	1	
27	YW62063500000	Large flat head screw M6x35	4.8	32	
26	SIC-49A-R2-ALL-03	Left upper side plate	SPCC1.5	1	
25	SIC-49A-R2-ALL-09	Anti-dust screen	PA66	2	
24	YW00816100000	Door lock (MS25)	Assembly	2	
23	SIC-49A-R2-ALL-10	Anti-dust screen	PA66	2	
22	YP30425000000	Pump pressure label	2024	1	
21	YP30439000000	Nameplate label (For Dengguan)	2024	1	
20	YM60671000600	Fan A607HS-TDM-VW04	Assembly	1	
19	YE80317506700	SF3T503A.01(Pump controller)	Assembly	1	
18	YE41106200000	Break interlock circuit breaker	Assembly	1	
17	SIC-49A-R2-ALL-01	Front upper panel	SPCC1.5	1	
16	YW06203100400	Large chain CL203-11(left)	Assembly	2	
15	SIC-49A-R2-ALL-02	Front lower panel	SPCC1.5	1	
14	SIC-49A-R2-C-ALL	Refrigerant system	Assembly	1	
13	YW02000400000	Stainless steel pipe clamp 4"	SUS304	1	
12	YW03000300200	Movable castor 3"	Structure parts	2	
11	YP31018600000	Notice label	Structure parts	1	
10	YP31115800400	Water chiller main. & repair Alu. label	Structure parts	1	
9	SIC-49A-R2-ALL-05	Right upper side plate	SPCC1.5	1	
8	SIC-49A-R2-A-01	Meter plate	SPCC1.5	1	
7	SIC-49A-R2-ALL-04	Lower side plate	SPCC1.5	2	
6	SIC-49A-R2-B-ALL	Water system	Assembly	1	
5	SIC-49A-R2-C-ALL	Refrigerant system	Assembly	1	
4	YR40048500000	Shell RS-485	Assembly	1	
3	YP31051650000	Triangle power 3x4400V	Structure parts	1	
2	BL02010000020	Wire clamp fixed plate M3	SPCC1.5	1	
1	YW62051000100	Cross recessed flat head screw M6x10	4.8	4	

Tech. Req:

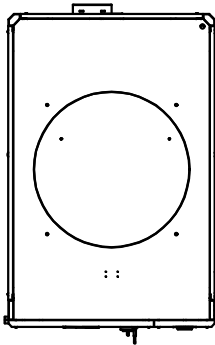
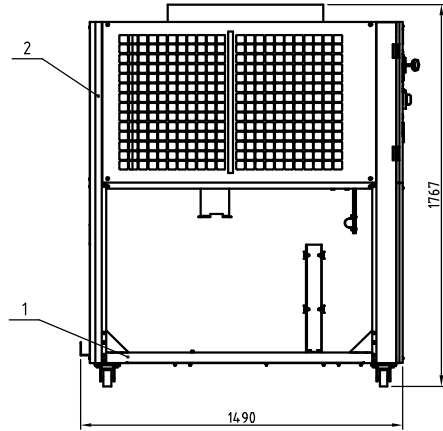
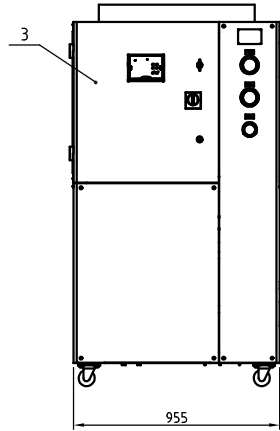
- 1.Lock up the components tightly with fastening screws according to standard torque.
- 2.The surface must without flaking paint and scratches;
- 3.The panel is easy to disassemble, without interference and stuck.

标记	更改前	更改后	更改人	日期	制图	版号	B	标题	SIC-49A-R2	图号	SIC-49A-R2-ALL	比例	1:20	数量	1	备注
					设计			核准								表面要求
					校对			审核								物料号



物料号

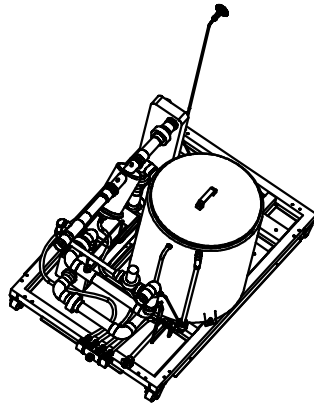
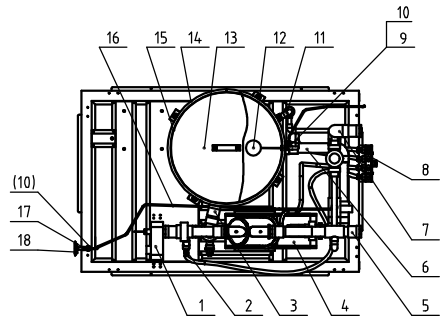
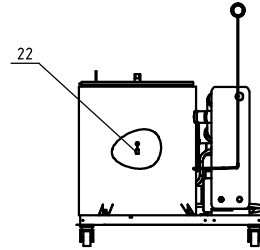
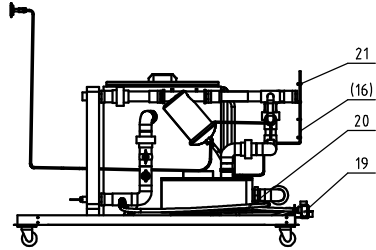
版本号
A



Tech. Req:
1.Lock up the components tightly with fastening screws according to standard torque.
2.The surface must without flaking paint and scratches;

3	SIC-49A-R2-A-ALL-03	Ext. frame assembly	assembly	1	
2	SIC-49A-R2-A-ALL-02	Upper frame assembly	assembly	1	
1	SIC-49A-R2-A-ALL-01	Bottom frame assembly	assembly	1	
No.	Material number	Name	Mat.	Num.	Remark

					制图	版号	A	标题	SIC-49A-R2	图号	SIC-49A-R2-A-ALL	比例	1:18	数量	1
					设计	核		机架整体组合						材质	组合件
					校对	准								表面要求	
标记	更改前	更改后	更改人	日期	审核	日期	20190301	 SHINI 信昌電機機械股份有限公司 Shin Plastic Technologies, Inc.		物料号					



Tech Req:

- 1.The joint of metal and plastic connectors are wrapped with material tape and sealed;
- 2.Use special glue to connect the PVC-U water pipe;
- 3.After the assembly, make water leakage test it with 0.7Mpa pressure;
- 4.Water pipes and water tanks need thermal insulation;

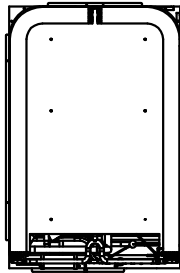
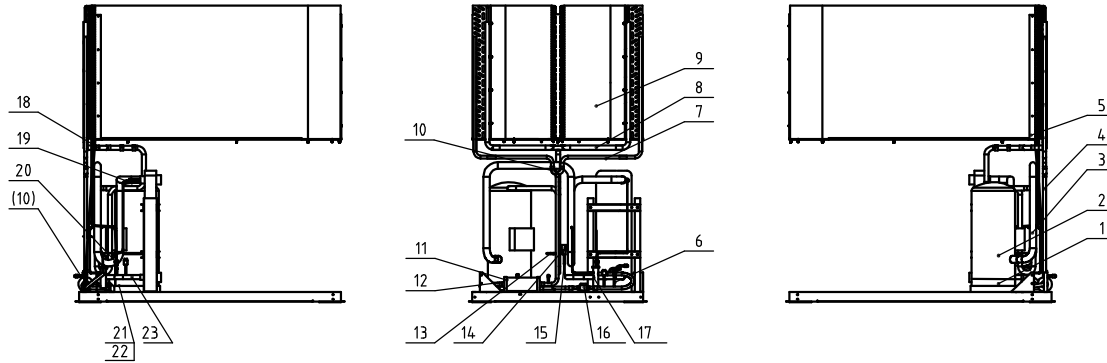
22	YE90001600000	Side level switch M16	assembly	1	option
21	YR90000022000	Cable tie	plastics	3	
20	YR60051000000	Drainage pipe (steel wire hose)	assembly	4	
19	YW50001200300	Four-in-one ball valve water collector 1/2"	assembly	1	
18	YW85001000100	Pressure gauge 0-10Mpa water pressure gauge	assembly	1	
17	BH12060701710	Connector 1/4 inch PT ext. -1/4 inch PT	H58	1	
16	YR60620000100	Transparent hose	PE	15	
15	SIC-49A-R2-B-07	Water case	assembly	1	
14	YP60101040000	Rubber insulated cloth		2	
13	SIC-49A-R2-B-08	Water tank cover	SUS304	1	
12	YW59010200000	Float ball switch copper	assembly	1	
11	SIC-49A-R2-B-06	Refill water pipe assembly	assembly	1	
10	YW80140600900	L-type air pipe connector	assembly	3	
9	YW52010400000	Steel wire hose 1/4"	assembly	1	
8	YW02182900000	Stainless steel pipe clamp (18-29)	SUS303	8	
7	SIC-49A-R2-B-05	Water pump outlet pipe assembly	assembly	1	
6	SIC-49A-R2-B-04	Water pump suction pipe assembly	assembly	1	
5	SIC-49A-R2-B-02	Return water pipe assembly	assembly	1	
4	YM21080400200	Middle pressure pump CHM8-4	assembly	1	
3	SIC-49A-R2-B-03	Plate exchange outlet pipe assembly	assembly	1	
2	BH12121600010	Copper insert	H58	1	
1	YW87490100000	Evaporator HBL95B-18D	SUS316L	1	
No.	Material number	Name	Mat.	Num.	Remarks

制图	版号	A	标题	SIC-49A-R2	图号	SIC-49A-R2-B-ALL
设计	核准		水系统			
校对	日期	20190301				
标记	更改前	更改后	更改人	日期	20190301	



比例	1:20	数量	1
表面要求	材质	组合件	
物料号			

版本号
A



Tech. Req.

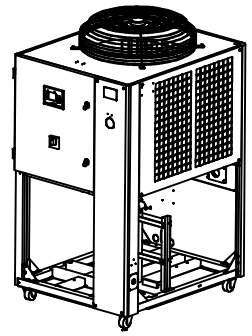
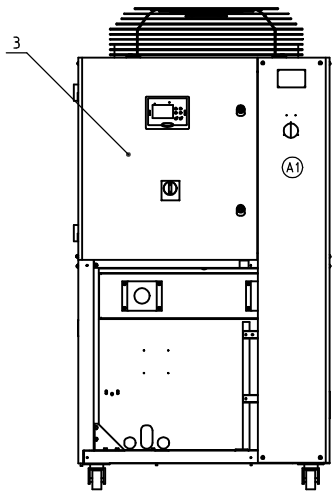
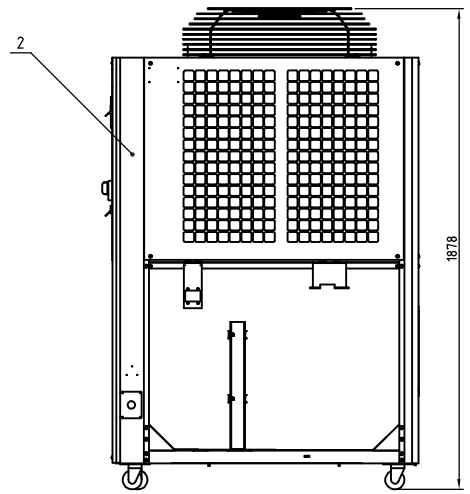
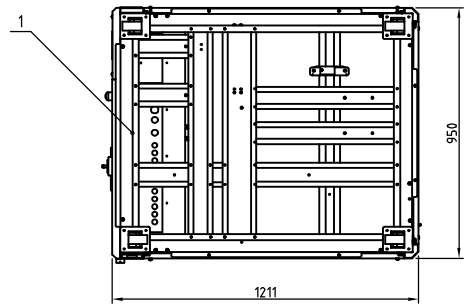
- 1.It's recommended to contain at least 20% silver in the welding rod during copper and stainless steel welding, contain 5% silver in the welding rod during copper and copper welding. All parts shall be installed firmly and perfectly. When using low phosphorus welding rod, higher welding technologies shall be required;
- 2.During welding, it should have anti-oxidation protection. After welding, there shall be no ash and foreign matters in the pipeline and the welding ports shall be smooth;
- 3.After the assembly, fill the refrigerant system with 3.2Mpa nitrogen to maintain the pressure, and the pressure gauge reading doesn't change within 10 hours.
- 4.The surface of copper pipe and evaporator in low temp. zone shall be covered with insulation cotton.
- 5.The thermocoupler head must have insulation treatment;

23	SIC-49A-R2-C-10	Expansion valve outlet pipe	TP2M	1	
22	YW65008000100	Standard spring washer Ø	4.8	4	
21	YW60084.000100	Hex. bolt M8x4.0	4.8	4	
20	BH120004.01110	Copper horn nut 4"	H58	4	
19	As the figure	Thermocoupler	SPCC2.0	1	
18	YW05000700800	Y type three way 7"	TP2M	1	
17	YW85125800000	Expansion valve TFES 12 ZAA	assembly	1	
16	YW85001500100	Liquid level indicator HM-11T5	assembly	1	
15	SIC-49A-R2-C-12	Bypass valve air outlet pipe	TP2M	1	
14	YE32000601100	Bypass solenoid valve FDF-6	assembly	1	
13	SIC-49A-R2-C-11	Bypass valve air inlet pipe	TP2M	1	
12	SIC-49A-R2-C-09	Filter outlet liquid pipe	TP2M	1	
11	YW85030500100	Drying filter EK3055	assembly	1	
10	YW05000500900	Y type three way 5"	TP2M	1	
9	SIC-49A-R2-C-04	Right condensor	assembly	1	
8	SIC-49A-R2-C-06	Left & right condensor inlet pipe	TP2M	2	
7	SIC-49A-R2-C-07	Left & right condensor outlet pipe	TP2M	2	
6	YW850104.00300	Liquid injection needle valve 1/2"	TP2M	4	
5	SIC-49A-R2-C-03	Left condensor	assembly	1	
4	SIC-49A-R2-C-08	Filter liquid inlet pipe	TP2M	1	
3	SIC-49A-R2-C-04	Compressor return air pipe	TP2M	1	
2	YM70018200000	ZP182KCE-TFD	assembly	1	
1	YE90715202500	Crankcase heating belt	assembly	1	
No.	Material number	Name	Mat.	Num.	Remarks

制图	版号	B	标题	SIC-49A-R2	图号	SIC-49A-R2-C-ALL	比例	1:22	数量	1
设计	核准		冷媒系统				☉	材质	组合件	
校对	审核						表面要求			
标记	更改前	更改后	更改人	日期	审核	日期	20190301	物料号		

SHINI 信易智能机械股份有限公司
Shini Intelligent Mechanical Technology, Inc.

版本号
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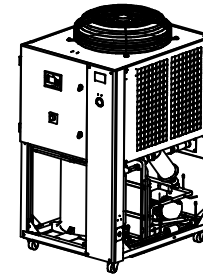
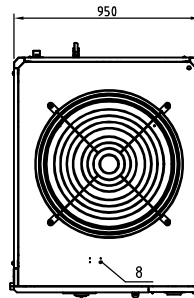
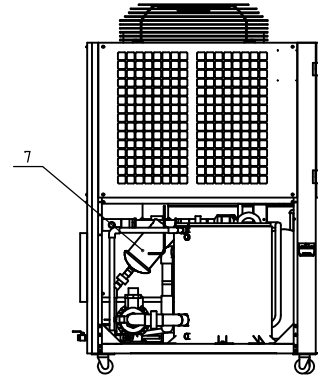
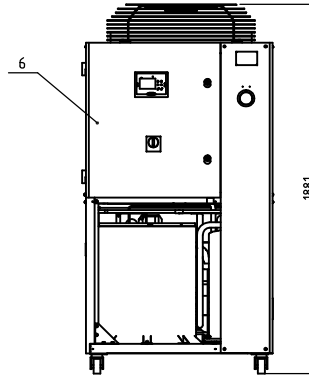
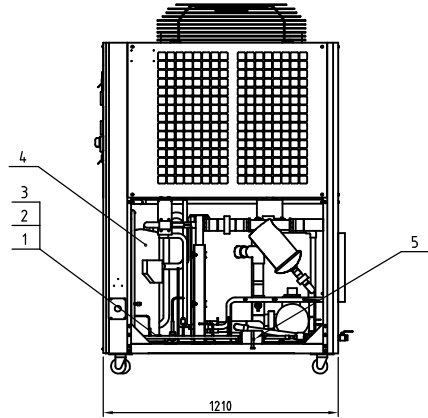


Tech. Req:
1.Lock up the components tightly with fastening screws according to standard torque.
2.The surface must without flaking paint and scratches;

3	SIC-33A-R2-A-ALL-03	Ext. frame assembly	assembly	1	
2	SIC-33A-R2-A-ALL-02	Upper frame assembly	assembly	1	
1	SIC-33A-R2-A-ALL-01	Bottom frame assembly	assembly	1	
No.	Material number	Name	Mat.	Num.	Remark

					制图		版号	B	标题	SIC-33A-R2	图号		比例	1:16	数量	1
					设计		核		机架整体组合	SIC-33A-R2-A-ALL			表面要求	材质	组合件	
					校对		准						物料号			
标记	更改前	更改后	更改人	日期	审核		日期	20190101	信易电气机械股份有限公司 Shini Electric Technology, Inc.							

Cooling Capacity Inlet Temperature (°C)/Cooling Capacity Inlet Pressure (MPa)	Cooling Capacity Inlet Temperature (°C)/Cooling Capacity Inlet Pressure (MPa)	Cooling Capacity Inlet Temperature (°C)/Cooling Capacity Inlet Pressure (MPa)	Total power (kW)/COP/High pressure	Chilled water inlet (Inch)	Chilled water outlet (Inch)	Drain port (Inch)	Water tank refill port (Inch)	Chilled water flow (L/min)	Water tank capacity (L)	Weight (kg)	Ver.
27/31	30/35	33/38	10.7/11.4kw	Rc15	Rc15	Rc1/2	Rc1/2	94.6	90	421	A



Tech. Req:

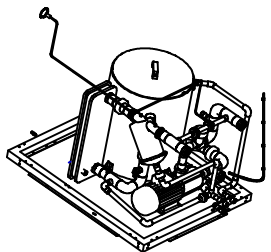
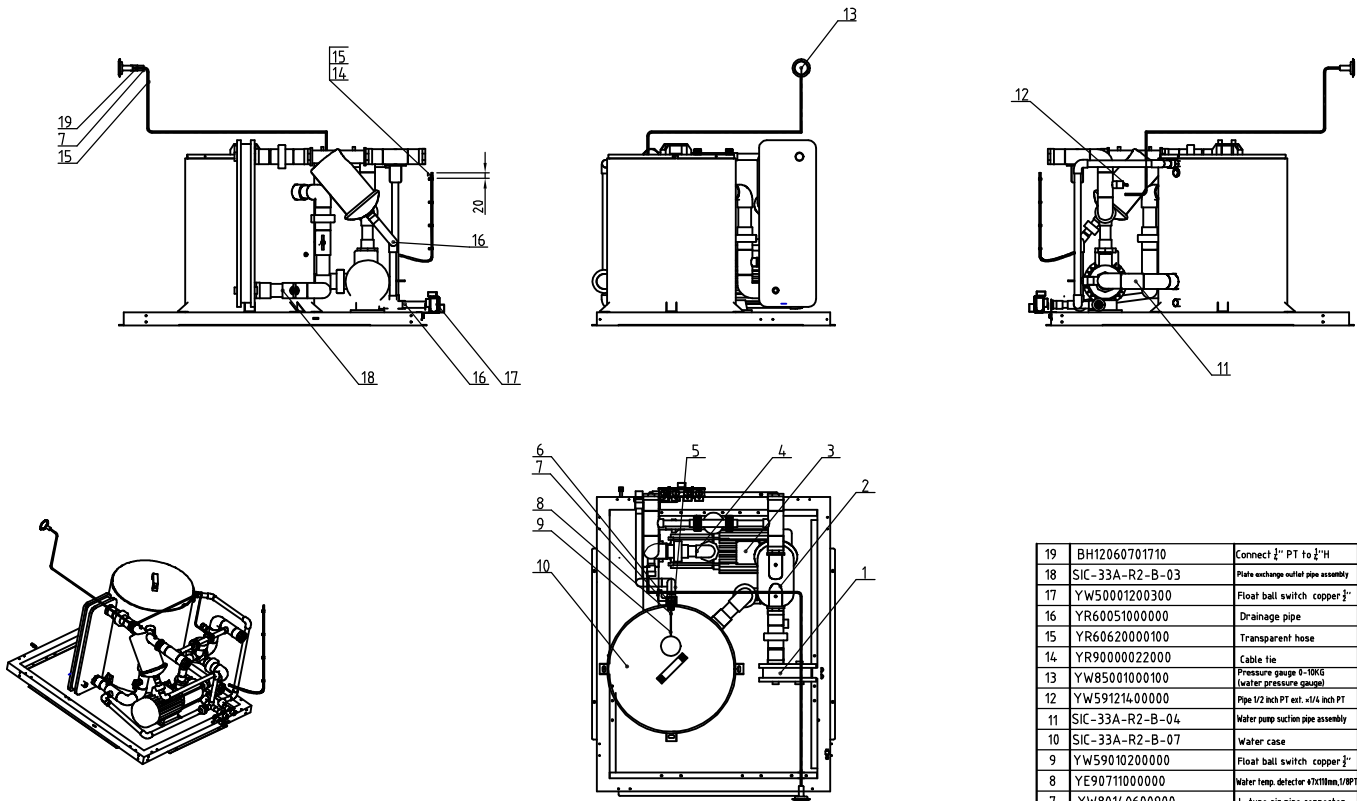
- 1.The metal plate system is connected with nuts without scratch, which features less vibration.
- 2.The refrigerant system operating pressure is 4.2mpa without leakage;
- 3.The water system operating pressure is 7 bar without leakage;
- 4.All systems are assembled completely, with clean surface;

8	YP30432000000	Fan directional label	Assembly	1	
7	SIC-33A-R2-B-ALL	Water system	Assembly	1	
6	SIC-33A-R2-A-ALL	Rack system	Assembly	1	
5	YW02000400000	Stainless steel pipe clamp 4*7/8-3/16	SUS304	3	
4	SIC-33A-R2-C-ALL	Refrigerant system	Assembly	1	
3	YW66081600000	Flat washer	14.0HV	18	
2	YW65008000100	Standard spring washer	65Mn	18	
1	YW60084000100	Hex. bolt M8*6	4.8	4	
No.	Material number	Name	Mat.	Num	Remarks

					制图	版号	B	标题	SIC-33A-R2	图号	SIC-33A-R2-ALL	比例	1:20	数量	1	
					设计	核		总装图				表面要求	材质	组合件		
					校对	准										
标记	更改前	更改后	更改人	日期	审核	日期										

SHINI 烟台世尼机械股份有限公司
Shanghai Shini Mechanical Equipment Co., Ltd.

物料号



19	BH12060701710	Connect 1/2" PT to 1/2" H	H58	1	
18	SIC-33A-R2-B-03	Plate exchange outlet pipe assembly	assembly	1	
17	YW50001200300	Float ball switch copper 1/2"	assembly	1	
16	YR60051000000	Drainage pipe	assembly	4	
15	YR60620000100	Transparent hose	PE	1.5	
14	YR90000022000	Cable tie	plastics	3	
13	YW85001000100	Pressure gauge 0-10KG (water pressure gauge)	assembly	1	
12	YW591214.00000	Pipe 1/2 inch PT ext. 1/4 inch PT	assembly	1	
11	SIC-33A-R2-B-04	Water pump suction pipe assembly	assembly	1	
10	SIC-33A-R2-B-07	Water case	assembly	4	
9	YW59010200000	Float ball switch copper 1/2"	assembly	1	
8	YE90711000000	Water temp. detector 4x11mm, 1/8PT	assembly	1	
7	YW8014.0600900	L-type air pipe connector	assembly	3	
6	YW520104.00000	Steel wire hose 1/4"	SUS304	1	
5	SIC-33A-R2-B-06	Refill water pipe assembly	assembly	1	
4	SIC-33A-R2-B-05	Water pump outlet pipe assembly	assembly	1	
3	YM210804.00200	Middle pressure pump CHM4-S	assembly	1	
2	SIC-33A-R2-B-02	Return water pipe assembly	assembly	1	
1	YW87003100000	Evaporator HBL95B-10D	SUS316L	1	

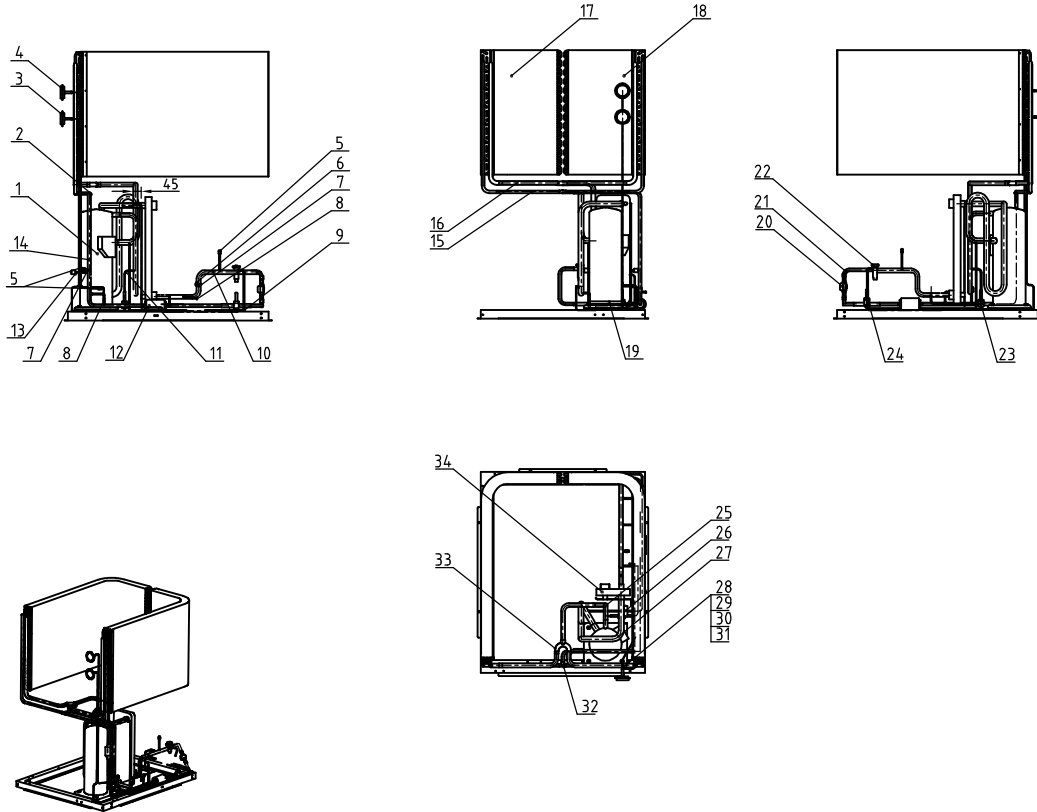
Tech Req:

- The joint of metal and plastic connectors are wrapped with material tape and sealed;
- Use special glue to connect the PVC-U water pipe;
- After the assembly, make water leakage test it with 0.7Mpa pressure;
- Wafer pipes and water tanks need thermal insulation;

				制图	版号	A	标题	SIC-33A-R2	图号	SIC-33A-R2-B-ALL	比例	1:16	数量	1	物料号
				设计	核准		水系统				表面要求				
标记	更改前	更改后	更改人	日期	审核	日期									



版本号
A

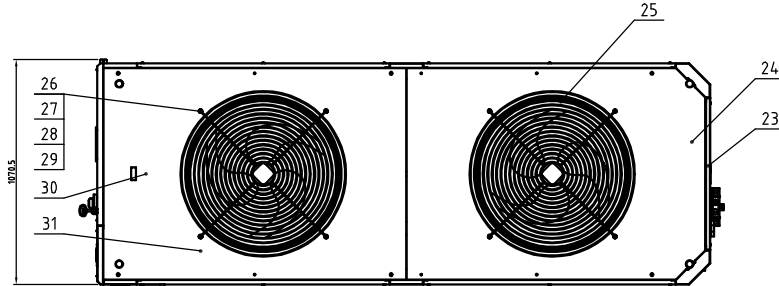
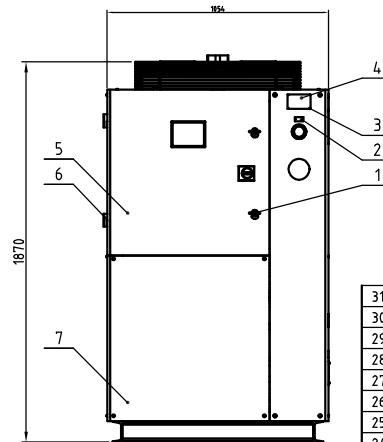
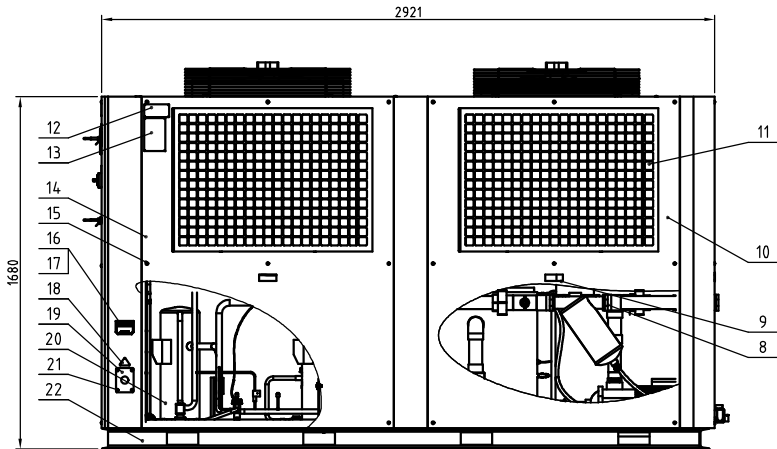


Tech. Req:
 1.It's recommended to contain at least 20% silver in the welding rod during copper and stainless steel welding, contain 5% silver in the welding rod during copper and copper welding. All parts shall be installed firmly and perfectly. When using low phosphorus welding rod, higher welding technologies shall be required;
 2.During welding, it should have anti-oxidation protection. After welding, there shall be no ash and foreign matters in the pipeline and the welding ports shall be smooth;
 3.After the assembly, fill the refrigerant system with 3.2Mpa nitrogen to maintain the pressure, and the pressure gauge reading doesn't change within 10 hours.
 4.The surface of copper pipe and evaporator in low temp. zone shall be covered with insulation cotton.
 5.The thermocoupler head must have insulation treatment;

34	YW87003100000	Plate exchanger HBL 95B-12D	SUS316L	1	
33	YW05000700800	Y type three way 5"	TP2Y	1	
32	YW05000500900	Y type three way 7"	TP2Y	1	
31	YW510014.00400	Elbow 1/4 inch (including copper buckle and washer)	TP2	2	
30	YW510014.00300	Short connector 1/4 inch (including copper buckle and washer)	TP2	2	
29	YR60000001200	Refrigerant low pressure gauge hose blue	assembly	2	
28	YR60000001100	Refrigerant low pressure gauge hose red	assembly	1	
27	SIC-33A-R2-C-04	Compressor return air pipe	TP2M	1	
26	As the figure	Expansion valve thermocoupler	TP2M	1	structure parts
25	SIC-33A-R2-C-05	Compressor exhaust air pipe	TP2M	1	
24	YE32070500000	Solenoid valve 2BR07T13AC22V	assembly	1	option
23	YE32000401100	Bypass solenoid valve 0E-4L R2M	assembly	1	
22	YW85712500000	Expansion valve BAE 7	structure parts	1	
21	SIC-33A-R2-C-09	Expansion valve inlet liquid pipe	TP2M	1	
20	YW85001500100	Liquid level indicator H9B-11T5E	assembly	1	option
19	BE90003500000	Crankcase heating belt (220V)	structure part	1	
18	SIC-33A-R2-C-03	Right fin style condenser	structure part	1	
17	SIC-33A-R2-C-02	Left fin style condenser	structure part	1	
16	SIC-33A-R2-C-06	Left & right condenser inlet pipe	TP2M	2	
15	SIC-33A-R2-C-07	Left & right condenser outlet pipe	TP2M	2	
14	SIC-33A-R2-C-08	Filter inlet liquid pipe	TP2M	1	
13	YE10254.000300	High pressure switch 2.5/4.0MPa	structure part	1	
12	YW85016500100	Drying filter EK1655	structure parts	1	
11	SIC-33A-R2-C-11	Bypass valve air inlet pipe	TP2M	1	
10	SIC-33A-R2-C-10	Expansion valve outlet pipe	TP2M	1	
9	YS30063500000	Expansion valve equalizer pipe	TP2M	1	
8	YS30063500000	Purple copper hose φ6.35×0.6	TP2M	2	
7	YW590014.00600	Copper Y type connector 1/2"	TP2Y	2	
6	YE10002900000	Low pressure switch 0.5/0.8MPa	structure parts	1	
5	YW850104.00300	Liquid injection needle valve 1/2"	TP2M	4	
4	YW85005500000	High pressure gauge (0-55bar)	structure parts	1	
3	YW85003500000	Low pressure gauge (0-55bar)	structure parts	1	
2	YE90000023000	Thermocoupler detector φ6×50	TP2M	1	
1	YM70012201600	Compressor 2P122KCE-TFD	structure parts	1	
No.	Material number	Name	Mat.	Num.	Remarks

制图	版号	A	标题	SIC-33A-R2 冷媒系统	图号	SIC-33A-R2-C-ALL	比例	1:24	数量	1	
设计	核准		SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		表面要求		材质		组合件		
校对	审核		物料号								
标记	更改前	更改后	更改人	日期	审核	日期	20190101				

Cooling Capacity (cooling temperature 7/16.5/55/100)	Cooling Capacity (cooling temperature 7/16.5/55/100)	Cooling Capacity (cooling temperature 7/16.5/55/100)	Total power (3000V/High pressure)	Chilled water inlet (inch)	Chilled water outlet (inch)	Drain port (inch)	Water tank refill port (inch)	Chilled water flow (L/min)	Water tank capacity (L)	Weight (kg)	Ver.
52/60	56/65	66/76	214/22.4kw	Rc2	Rc2	Rc1/2	Rc1/2	189.2	137	910	A



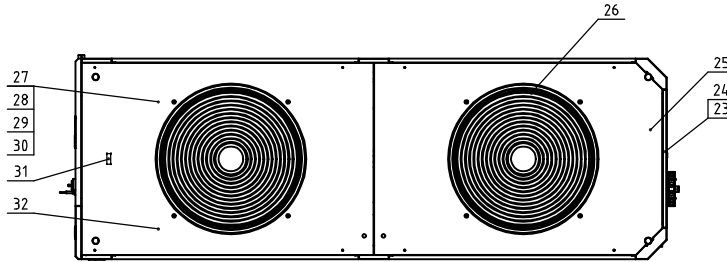
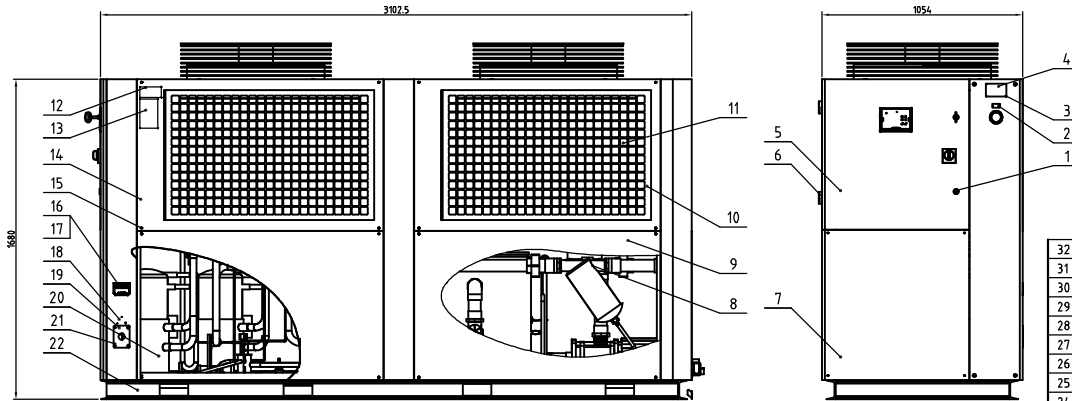
31	SIC-66A-R2-ALL-06	Front top plate	SPCC15	1	
30	YP304.32000000	Fan directional label	2024	1	
29	YW64.001000100	Hex nut M10	4.0	4	
28	YW66102000100	Flat washer 11x20x2	14.0HV	4	
27	YW65010000000	Standard spring washer 10	65Mn	4	
26	YW60102500000	Hex bolt M10x35	12.9	4	
25	YM60671000600	Fan A6D710S-TDM-VW04	Assembly	2	
24	SIC-66A-R2-ALL-07	Rear top plate	SPCC15	1	
23	SIC-66A-R2-ALL-04	Rear plate assembly	SPCC15	1	
22	SIC-66A-R2-A-ALL	Rack assembly	Assembly	1	
21	YW62051000100	Large flat head screw M5x10	4.8	4	
20	SIC-66A-R2-C-ALL	Refrigerant system	Assembly	1	
19	BL50290000020	Wire clamp fixed plate PG29	SPCC15	1	
18	YP31051650000	Triangle power 3 phase 400V	Structure parts	1	
17	YR4004.8500000	Shell RS-485	Assembly	1	
16	YE9004.8501200	Conn. interface plate	Assembly	1	
15	YW62063500000	Large flat head screw M6x35	4.8	46	
14	SIC-66A-R2-ALL-02	Right front side plate assembly	SPCC15	1	
13	YP311158004.00	Water outlet main. & repair Ali. Lab	Structure parts	1	
12	YP31018600000	Notice label	Structure parts	1	
11	SIC-66A-R2-ALL-01/02	Anti-dust screen	PA66	4	
10	SIC-66A-R2-ALL-03	Right rear side plate assembly	SPCC15	3	
9	YR40914040000	Plastic trapezoidal handle 90x40	Assembly	5	
8	SIC-66A-R2-B-ALL	Water system	Assembly	1	
7	SIC-98A-R2-ALL-02	Front lower panel	SPCC15	1	borrow
6	YW062031004.00	Large chain (L203-11left)	Assembly	2	
5	SIC-98A-R2-ALL-01	Front upper panel	SPCC15	1	borrow
4	YP304.390000000	Nameplate label (for Dongguan)	2024	1	
3	YW69020500000	Rivet GB/T 827 2x5	4.8	27	
2	YP304.250000000	Pump pressure label	2024	1	
1	YW00816100000	Door lock (MS916)	Assembly	2	
No.	Material number	Name	Mat.	Num	Remarks

Tech. Req:

- 1.Lock up the components tightly with fastening screws according to standard torque.
- 2.The surface must without flaking paint and scratches;
- 3.The panel is easy to disassemble, without interference and stuck.

制图	版号	A	标题	SIC-66A-R2	图号	SIC-66A-R2-ALL	比例	1:20	数量	1	备注
设计	核准		总装图				表面要求	材质	组合件		
校对	日期		SHINI 信易智能机械股份有限公司 Shini Intelligent Mechanical Equipment Co., Ltd.		物料号						
标记	更改前	更改后	更改人	日期	审核	日期					

Comfy Capacity (cubic feet) Temperature 70/50/40/30/20	Comfy Capacity (cubic feet) Temperature 70/50/40/30/20	Comfy Capacity (cubic feet) Temperature 70/50/40/30/20	总功率(中/高压)	冷冻水入口 (inch)	冷冻水出口 (inch)	排水口 (inch)	水箱补水口 (inch)	冷冻水流量(L/min)	水箱容量(L)	重量(kg)	版本号
77/88	87/93	98/109	29.1/30.1kw	Rc2	Rc2	Rc1/2	Rc1/2	281	137	1110	A



32	SIC-98A-R2-ALL-10	Front top plate	SPCC15	1	
31	YP30432000000	Fan directional label	2024	1	
30	YW64001000100	Hex nut M10	4.0	4	
29	YW66102000100	Flat washer 11x20x2	14.0HV	4	
28	YW65010000000	Standard spring washer 10	65Mn	4	
27	YW60102500000	Hex bolt M10x35	12.9	4	
26	YM60671000600	Fan A6D710S-TDM-VW04	Assembly	2	
25	SIC-98A-R2-ALL-11	Rear top plate	SPCC15	1	
24	SIC-98A-R2-ALL-07	Rear lower assembly	SPCC15	1	
23	SIC-98A-R2-ALL-06	Rear upper assembly	SPCC15	1	
22	SIC-98A-R2-A-ALL	Rack assembly	Assembly	1	
21	YW62051000100	Large flat head screw M5x10	4.8	4	
20	SIC-98A-R2-C-ALL	Refrigerant system	Assembly	1	
19	BL50290000020	Wire clamp fixed plate PG29	SPCC15	1	
18	YP31051650000	Triangle power 3 phase 400V	Structure parts	1	
17	YR40048500000	Shell RS-485	Assembly	1	
16	YE90048501200	Conn. interface plate	Assembly	1	
15	YW62063500000	Large flat head screw M6x35	4.8	46	
14	SIC-98A-R2-ALL-03	Right front side plate assembly 1	SPCC15	1	
13	YP31115800400	Water outlet man. & repair Aux. label	Structure parts	1	
12	YP31018600000	Notice label	Structure parts	1	
11	SIC-98A-R2-ALL-08	Anti-dust screen	PA66	4	
10	SIC-98A-R2-ALL-04	Right front side plate assembly 2	SPCC15	3	
9	SIC-98A-R2-ALL-05	Front lower panel	SPCC15	4	
8	SIC-98A-R2-B-ALL	Water system	Assembly	1	
7	SIC-98A-R2-ALL-02	Front lower panel	SPCC15	1	
6	YW06203100400	Large chain CL203-10(eff)	Assembly	2	
5	SIC-98A-R2-ALL-01	Front upper panel	SPCC15	1	
4	YP30439000000	Hexplate label (for Demagant)	2024	1	
3	YW69020500000	Rivet GB/T 827 2x5	4.8	27	
2	YP30425000000	Pump pressure label	2024	1	
1	YW00816100000	Door lock (MS816)	Assembly	2	
No.	Material number	Name	Mat.	Num.	Remarks

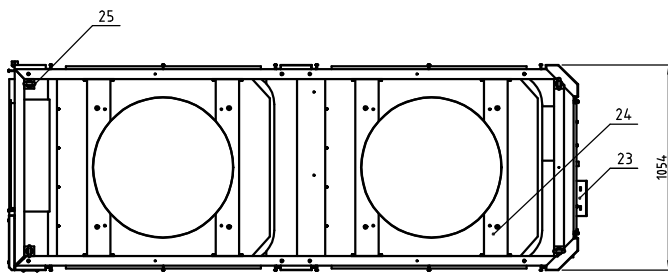
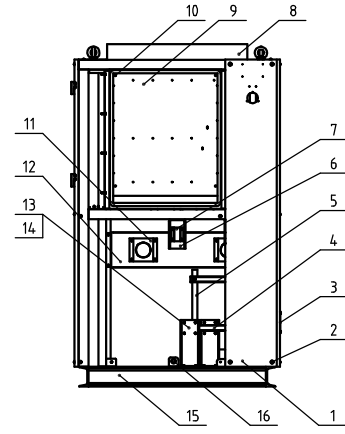
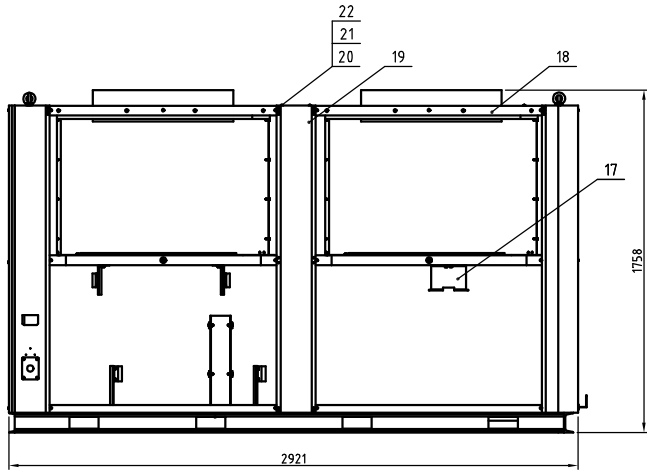
Tech. Req:

- 1.Lock up the components tightly with fastening screws according to standard torque.
- 2.The surface must without flaking paint and scratches;
- 3.The panel is easy to disassemble, without interference and stuck.

制图	版号	A	标题	SIC-98A-R2	图号	SIC-98A-R2-ALL	比例	1:20	数量	1
设计	核准		总装图							
校对	核准									
审核	核准									
标记	更改前	更改后	更改人	日期	审核	日期				
							SHINI		表面要求	
							SHINI		物料号	

SHINI 信昌机械股份有限公司
Shanghai Puzhong Mechanical Equipment Co., Ltd.

版本号
A



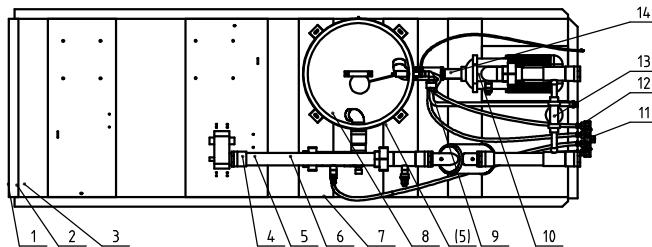
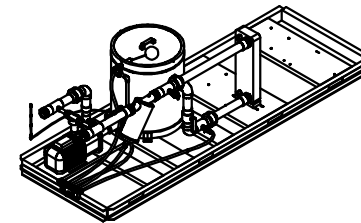
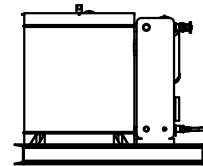
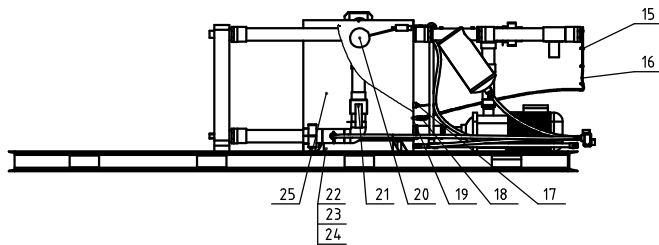
Tech. Req:

1. Remove burrs and blunt edges;
2. Unmarked dimension tolerance shall meet the GB/T1804-m standard;
3. All sheet metals shall be welded firmly;

25	SIC-48A-R2-A-19	Hanging column	Q235A	2	borrow
24	SIC-98A-R2-A-24	Fan fixed beam 1	SPCC3.0	4	borrow
23	SIC-33A-R2-A-38	Water separator fixed plate	SPCC2.0	1	borrow
22	YW66061300000	Flat washer A grade 6	4.8	20	
21	YW65006000100	Standard spring washer 6	4.8	20	
20	YW60062000100	Hex. bolt GB/T5781 M6x20	4.8	20	
19	SIC-98A-R2-A-05	Right middle column	SPCC3.0	1	borrow
18	SIC-98A-R2-A-23	Top right beam	Q235A	1	borrow
17	SIC-98A-R2-A-18	Filter fixed plate	SPCC3.0	1	borrow
16	SIC-98A-R2-A-28	Refilling pipe fixed plate	assembly	1	borrow
15	SIC-66A-R2-A-ALL-01	Rack welding drawing	assembly	1	
14	SIC-66A-R2-A-10	Return air pipe fixation	SPCC3.0	2	
13	SIC-49A-R2-A-30	Return air pipe fixed clamp	SPCC1.0	2	borrow
12	SIC-98A-R2-A-21	Inlet and outlet water pipe fixed beam	SPCC3.0	1	borrow
11	SIC-98A-R2-A-20	Inlet water pipe fixed folded plate	SPCC2.0	2	borrow
10	SIC-66A-R2-A-09	Control box	SECC1.5	1	
9	SIC-98A-R2-A-10	Electrical bottom plate	SECC1.5	1	borrow
8	SIC-66A-R2-A-08	Evaporator cover plate	SPCC2.0	2	
7	SIC-49A-R2-A-31	Exhaust pipe fixed clamp	SPCC1.0	4	borrow
6	SIC-98A-R2-A-12	Exhaust pipe fixation	SPCC3.0	2	borrow
5	SIC-66A-R2-A-14	Evaporator fixed slot	SPCC3.0	2	
4	SIC-98A-R2-A-15	Condenser fixed beam	SPCC1.5	4	borrow
3	BL02010000020	Wire clamp fixed plate	4.8	1	borrow
2	YW62063500000	Large flat head screw M6x35	4.8	4	
1	SIC-98A-R2-A-01	Meter plate	SPCC1.5	1	borrow
No.	Material number	Name	Mat.	Num.	Remark

制图	版号	A	标题	SIC-66A-R2	图号	SIC-66A-R2-A-ALL	比例	1:20	数量	1
设计	核准		机架							
校对	审核									
标记	更改前	更改后	更改人	日期	审核	日期	20211028	表面要求	RA7016	物料号

SHINI 青岛海信冷链股份有限公司
Shanghai Haier Refrigeration Co., Ltd.



25	SIC-98A-R2-B-06	Water tank	assembly	1	borrow
24	YW66082200100	Large washer C grade 8.4 Longzina	4.8	8	
23	YW65008000100	Standard spring washer 8	4.8	8	
22	YW60082000200	Hex. bolt M8-20 Longzina	4.8	8	
21	SIC-66A-R2-B-02	Return water pipe assembly	assembly	1	
20	YW59010200000	Float ball switch copper J	assembly	1	
19	This drawing	Water temp. detector	assembly	1	
18	YW520104.000000	Stainless steel three way J	assembly	1	
17	YE900016000000	Side level switch M16	assembly	1	
16	YR600510000000	Steel wire hose 1/4"	assembly	2.5M	
15	YR90000022000	Cable tie	plastics	3	
14	SIC-66A-R2-B-04	Suction pipe insert	SUS304	1	
13	SIC-66A-R2-B-05	Outlet water pipe assembly	assembly	1	
12	YW021829000000	Stainless steel pipe clamp 1/8-2/1	SUS303	8	
11	YW500012003000	Four-in-one ball valve water collector 1/2"	assembly	1	
10	YM21124.000500	Middle pressure pump CHM12-4	assembly	1	
9	YR600510000000	Transparent hose	assembly	1	
8	SIC-49A-R2-B-08	Water tank cover	SUS304	1	borrow
7	YR600510000000	Steel wire hose	assembly	4.5M	
6	SIC-66A-R2-B-02	Return water pipe assembly	assembly	1	
5	YP6010104.00000	Rubber insulated cloth	assembly	3	
4	YW870066012000	Evaporator HBL95B-(12+12)D	SUS316L	1	
3	YW8014.06009000	L-type air pipe connector	assembly	2	
2	BH12060701710	Connector 1/4 inch PT ext. -1/4 inch PT	H58	2	
1	YW850010001000	Pressure gauge 0-10KG water pressure gauge	assembly	1	

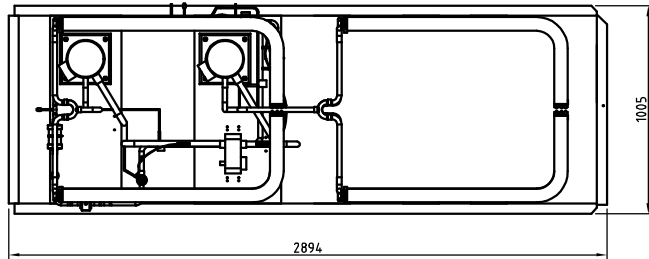
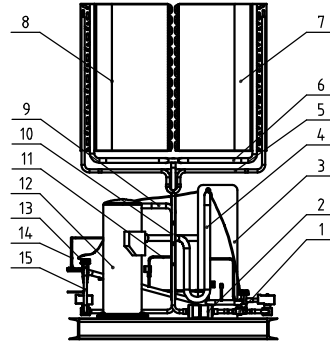
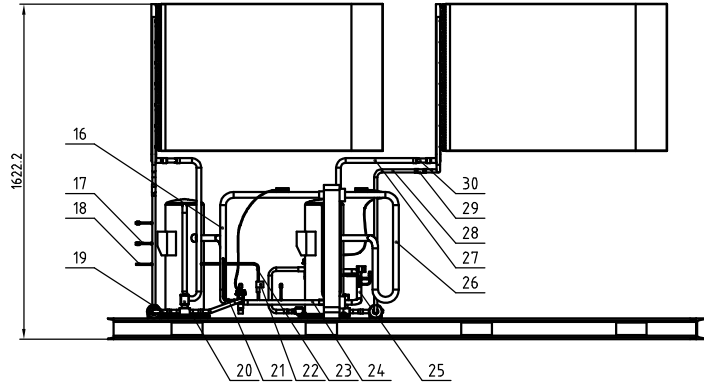
Tech Req:

- 1.The joint of metal and plastic connectors are wrapped with material tape and sealed;
- 2.Use special glue to connect the PVC-U water pipe;
- 3.After the assembly, make water leakage test it with 0.7Mpa pressure;
4. Water pipes and water tanks need thermal insulation;

制图	版号	A	标题	SIC-66A-R2	图号	SIC-66A-R2-B-ALL	比例	1:20	数量	1
设计	核		水系统							
校对	准									
标记	更改前	更改后	更改人	日期	审核	日期	20211028	表面要求		



材料	组合件
物料号	



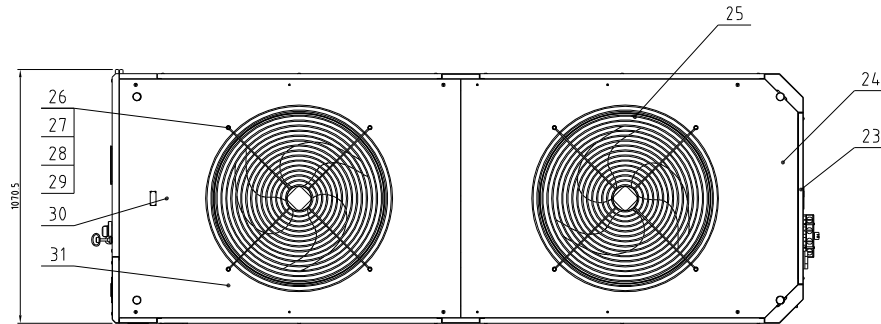
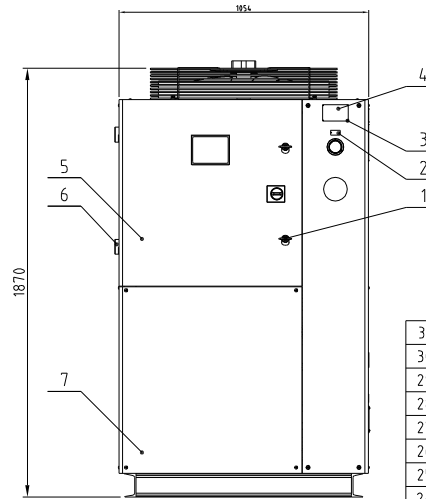
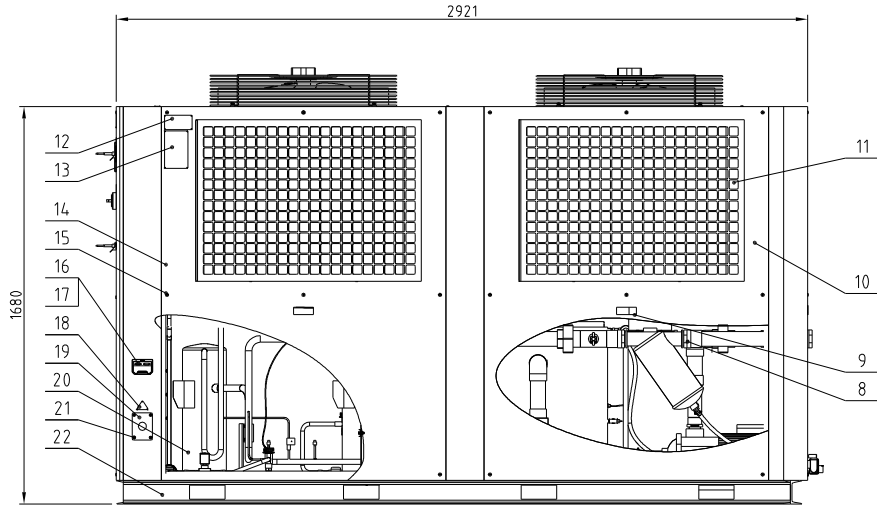
Tech. Req:

- It's recommended to contain at least 20% silver in the welding rod during copper and stainless steel welding, contain 5% silver in the welding rod during copper and copper welding. All parts shall be installed firmly and perfectly. When using low phosphorus welding rod, higher welding technologies shall be required;
- During welding, it should have anti-oxidation protection. After welding, there shall be no ash and foreign matters in the pipeline and the welding ports shall be smooth;
- After the assembly, fill the refrigerant system with 3.2Mpa nitrogen to maintain the pressure, and the pressure gauge reading doesn't change within 10 hours.
- The surface of copper pipe and evaporator in low temp. zone shall be covered with insulation cotton.
- The thermocoupler head must have insulation treatment;

No.	Material number	Name	Mat.	Num.	Remarks
30	YW05000700800	Y type three way 5"	assembly	2	
29	YW05000500900	Y type three way 7"	assembly	2	
28	SIC-66A-R2-C-14	Rear filter inlet liquid pipe	TP2M	1	
27	SIC-66A-R2-C-11	Rear compressor exhaust pipe	TP2M	1	
26	SIC-66A-R2-C-12	Rear compressor return air pipe	TP2M	1	
25	SIC-66A-R2-C-15	Rear expansion valve outlet liquid pipe	TP2M	1	
24	SIC-66A-R2-C-07	Front expansion valve outlet liquid pipe	TP2M	1	
23	SIC-66A-R2-C-10	Front compressor bypass pipe	TP2M	1	
22	YE32000401100	Bypass solenoid valve FDF-4A	assembly	2	
21	SIC-66A-R2-C-09	Front compressor equalizer pipe	TP2M	1	
20	YE32070500000	Solenoid valve 200RD7TST	assembly	2	
19	SIC-66A-R2-C-07	Front expansion valve inlet liquid pipe	TP2M	1	
18	YS30063500000	Φ6 copper pipe	assembly	2	
17	YW85010400300	Liquid injection needle valve 1/2"	assembly	4	
16	SIC-66A-R2-C-03	Front compressor return air pipe	TP2M	1	
15	SIC-66A-R2-C-14	Rear expansion valve inlet liquid pipe	assembly	1	
14	SIC-66A-R2-C-16	Rear compressor equalizer pipe	TP2M	1	
13	YW85712500000	Expansion valve BAE 7	TP2M	2	
12	YM70018200000	Compressor 2P122KE-1FD	assembly	2	
11	SIC-66A-R2-C-17	Rear compressor bypass pipe	TP2M	1	
10	SIC-66A-R2-C-06	Front filter inlet liquid pipe	TP2M	1	
9	SIC-66A-R2-C-02	Front compressor exhaust pipe	TP2M	1	
8	SIC-33A-R2-C-02	Left fin style condenser	TP2M	2	borrow
7	SIC-33A-R2-C-03	Right fin style condenser	TP2M	2	borrow
6	SIC-66A-R2-C-04	Condenser inlet pipe	TP2M	4	
5	SIC-66A-R2-C-05	Condenser outlet pipe	TP2M	4	
4	SIC-66A-R2-C-03	Front compressor return air pipe	TP2M	1	
3	SIC-66A-R2-C-01	Plate exchanger HBL 95B	assembly	1	
2	YW85016500100	Drying filter EK165S	assembly	2	
1	YW85001500100	Liquid level indicatorHL-1175E	assembly	1	

制图	版号	A	标题	SIC-66A-R2	图号	SIC-66A-R2-C-ALL	比例	1:20	数量	1
设计	核准		冷媒系统				表面要求	材质	组合件	
校对	日期	20211028	SHINI 鲁易智能机械股份有限公司 Shini Plastics Technologies, Inc.				物料号			
标记	更改前	更改后	更改人	日期	审核	日期				

Cooling Capacity Inlet temperature 75%RH@30Hz	Cooling Capacity Inlet temperature 75%RH@30Hz	Cooling Capacity Inlet temperature 75%RH@30Hz	Total power (middle/high pressure)	Chilled water inlet (inch)	Chilled water outlet (inch)	Drain port (inch)	Water tank refill port (inch)	Chilled water flow (L/min)	Water tank capacity (L)	Weight (kg)	Ver.
60kw	65kw	76kw	25/25.8kw	Rc2	Rc2	Rc1/2	Rc1/2	217.6	137	910	A

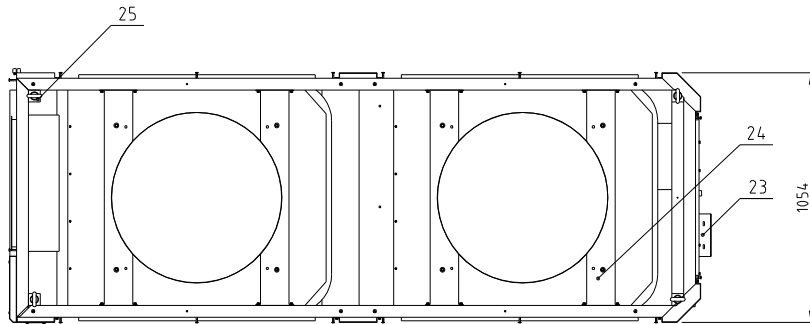
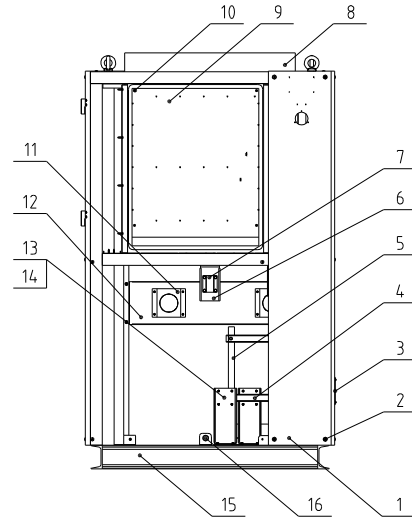
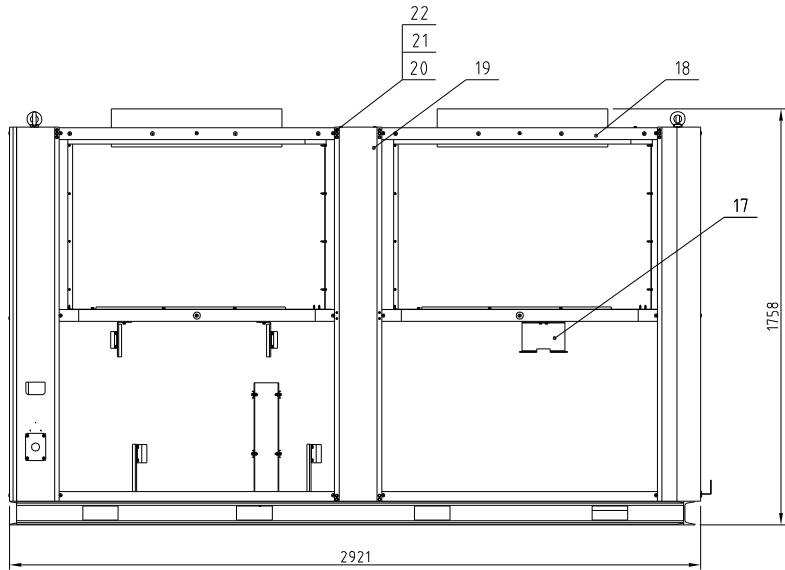


31	SIC-66A-R2-ALL-06	Front top plate	SPCC15	1	Borrowed
30	YP304.32000000	Fan directional label	2024	1	
29	YW64.001000010	Hex nut M10	4.0	4	
28	YW66102000100	Flat washer 11x20x2	140HV	4	
27	YW65010000000	Standard spring washer 10	65Mn	4	
26	YW60102500000	Hex bolt M10x35	12.9	4	
25	YM60671000600	Fan A6D710S-7DM-VW04	Assembly	2	
24	SIC-66A-R2-ALL-07	Rear top plate	SPCC15	1	Borrowed
23	SIC-66A-R2-ALL-04	Rear plate assembly	SPCC15	1	Borrowed
22	SIC-66A-R2-A-ALL	Rack assembly	Assembly	1	Borrowed
21	YW62051000100	Cross socket flat head screw M5x10	4.8	4	
20	SIC-66A-R2-C-ALL	Refrigerant system	Assembly	1	Borrowed
19	BL50290000020	Wire clamp fixed plate PG29	SPCC15	1	
18	YP31051650000	Triangle power 3 phase 400V	Structure parts	1	
17	YR40048500000	Shell RS485 Ver.0	Assembly	1	
16	YE90048501200	Comm. interface plate RS-485	Assembly	1	
15	YW62063500000	Large flat head screw M6x35	4.8	46	
14	SIC-66A-R2-ALL-02	Right front side plate assembly	SPCC15	1	Borrowed
13	YP31115800400	Water chiller man. & repair Alu label	Structure parts	1	
12	YP31018600000	Notice label	Structure parts	1	
11	SIC-66A-R2-ALL-01/02	Anti-dust screen	PA66	4	Borrowed
10	SIC-66A-R2-ALL-03	Right rear side plate assembly	SPCC15	3	Borrowed
9	YR40914.04.0000	Plastic trapezoidal handle 90x40	Assembly	5	
8	SIC-66A-R2-P-B-ALL	Water system	Assembly	1	
7	SIC-98A-R2-ALL-02	Front lower panel	SPCC15	1	Borrowed
6	YW06203100400	Large chain (L203-11eff1)	Assembly	2	
5	SIC-98A-R2-ALL-01	Front upper panel	SPCC15	1	Borrowed
4	YP304.39000000	Nameplate label (for Dongguan)	2024	1	
3	YW69020500000	Rivet GB/T 827 2x5	4.8	27	
2	YP304.25000000	Pump pressure label	2024	1	
1	YW00816100000	Door lock (MS816)	Assembly	2	

Tech. Req:

- 1.Lock up the components tightly with fastening screws according to standard torque.
- 2.The surface must without flaking paint and scratches;
- 3.The panel is easy to disassemble, without interference and stuck.

制图	版号	0	标题	SIC-66A-R2-P	图号	SIC-66A-R2-P-ALL	比例	1:20	数量	1	备注
设计	核准		总装图						材质	Assembly	
校对	日期	20230227	SHINI 信易电热机械股份有限公司		Shini Plastics Technologies, Inc.		表面要求			/	
标记	更改前	更改后	更改人	日期	审核	日期	物料号			/	



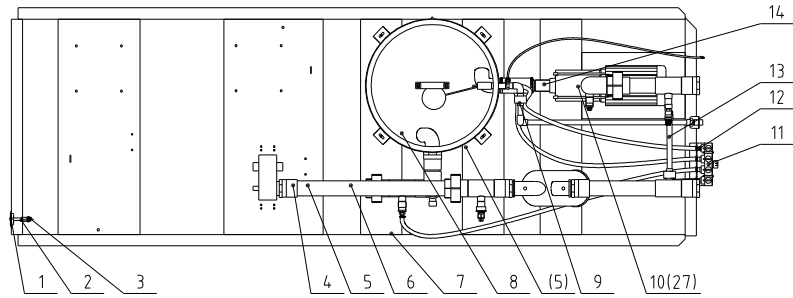
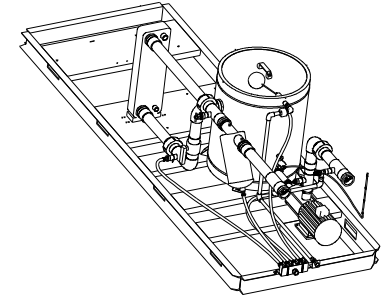
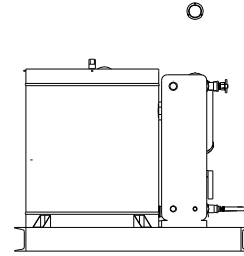
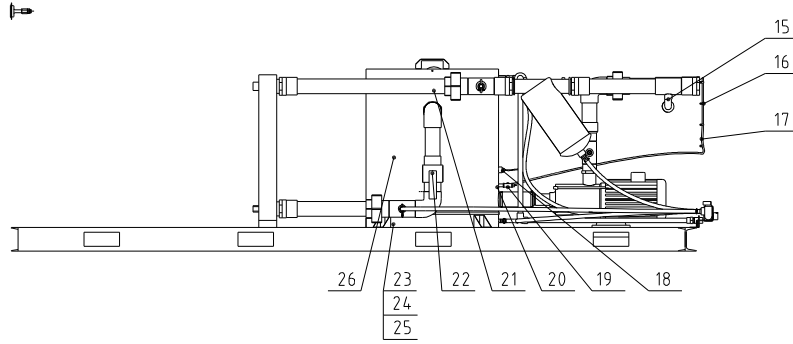
25	SIC-48A-R2-A-19	Hanging column	Q235A	2	Borrowed
24	SIC-98A-R2-A-24	Fan fixed beam 1	SPCC3.0	4	Borrowed
23	SIC-33A-R2-A-38	Water separator fixed plate	SPCC2.0	1	Borrowed
22	YW66061300000	Flat washer A grade 6	4.8	20	
21	YW65006000100	Standard spring washer 6	4.8	20	
20	YW60062000100	Hex. bolt GB/T5781 M6x20	4.8	20	
19	SIC-98A-R2-A-05	Right middle column	SPCC3.0	1	Borrowed
18	SIC-98A-R2-A-23	Top right beam	Q235A	1	Borrowed
17	SIC-98A-R2-A-18	Filter fixed plate	SPCC3.0	1	Borrowed
16	SIC-98A-R2-A-28	Refilling pipe fixed plate	Assembly	1	Borrowed
15	SIC-66A-R2-A-ALL-01	Rack welding drawing	Assembly	1	
14	SIC-66A-R2-A-10	Return air pipe fixation	SPCC3.0	2	
13	SIC-49A-R2-A-30	Return air pipe fixed clamp	SPCC1.0	2	Borrowed
12	SIC-98A-R2-A-21	Inlet and outlet water pipe fixed beam	SPCC3.0	1	Borrowed
11	SIC-98A-R2-A-20	Inlet water pipe fixed folded plate	SPCC2.0	2	Borrowed
10	SIC-66A-R2-A-09	Control box	SPCC1.5	1	
9	SIC-98A-R2-A-10	Electrical bottom plate	SECC1.5	1	Borrowed
8	SIC-66A-R2-A-08	Evaporator cover plate	SPCC2.0	2	
7	SIC-49A-R2-A-31	Exhaust pipe fixed clamp	SPCC1.0	4	Borrowed
6	SIC-98A-R2-A-12	Exhaust pipe fixation	SPCC3.0	2	Borrowed
5	SIC-66A-R2-A-14	Evaporator fixed slot	SPCC3.0	2	
4	SIC-98A-R2-A-15	Evaporator fixed beam	SPCC1.5	4	Borrowed
3	BL02010000020	Wire clamp fixed plate	4.8	1	Borrowed
2	YW62063500000	Large flat head screw M6x35	4.8	4	
1	SIC-98A-R2-A-01	Meter plate	SPCC1.5	1	Borrowed

序号	代号	名称	材质	数量	备注
		标题 SIC-66A-R2	图号 SIC-66A-R2-A-ALL	比例 1:20	数量 1
		机架		材质 焊接件	
		 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		表面要求	RA7016
				物料号	

Tech. Req:

1. Remove burrs and blunt edges;
2. Unmarked dimension tolerance shall meet the GB/T1804-m standard;
3. All sheet metals shall be welded firmly;

制图	版号	A	标题	SIC-66A-R2	图号	SIC-66A-R2-A-ALL
设计	核准		机架			
校对	日期	20211028	 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.			
标记	更改前	更改后	更改人	日期	审核	日期



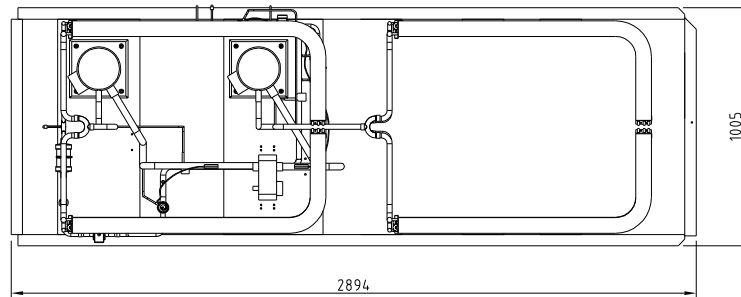
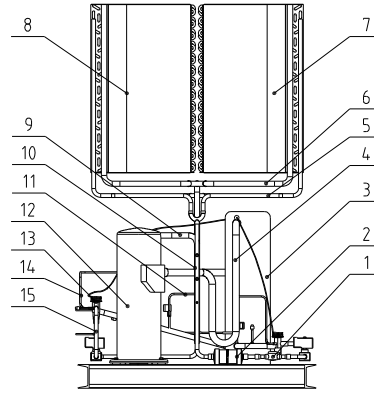
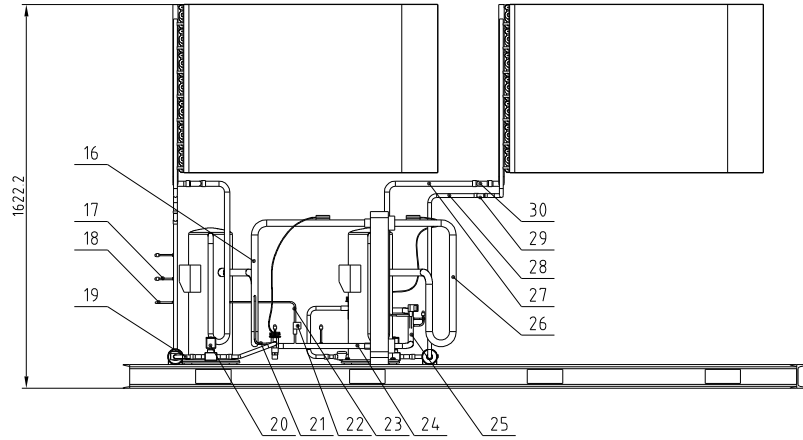
27	YM21123001200	Nanyuan water pump SHF12-30	Assembly	1	for high-pressure
26	SIC-66A-R2-P-B-03	Water tank	Assembly	1	
25	YW66082200100	Large washer C grade 8.4 Longzine	4.8	8	
24	YW65008000100	Standard spring washer 8	4.8	8	
23	YW60082000200	Hex bolt M8*20 Longzine	4.8	8	
22	SIC-66A-R2-B-02	Return water pipe assembly	Assembly	1	Borrowed
21	YW59010200000	Float ball switch copper 1/2"	Assembly	1	
20	This drawing	Water temp detector	Assembly	1	
19	YW520104.00000	Stainless steel three way 1/2"	Assembly	1	
18	YE90001600000	Side level switch M16	Assembly	1	
17	YR60051000000	Steel wired plastic pipe 1/2"	Assembly	2.5M	
16	YR90000022000	Cable tie	Plastic	3	
15	SIC-66A-R2-B-06	Outlet water pipe bypass assembly	Assembly	1	Borrowed
14	SIC-66A-R2-B-04	Suction pipe insert	SUS304	1	Borrowed
13	SIC-66A-R2-P-B-02	Outlet water pipe assembly	Assembly	1	
12	YW02182900000	Stainless steel pipe clamp (18-29)	SUS303	8	
11	YW50001200300	Four-in-one ball valve water collector 1/2"	Assembly	1	
10	YM21122001300	Nanyuan water pump SHF12-20	Assembly	1	for middle-pressure
9	YR60051000000	Transparent plastic hose	Assembly	1	
8	SIC-49A-R2-B-08	Water tank cover	SUS304	1	Borrowed
7	YR60051000000	Steel wire hose	Assembly	4.5M	
6	SIC-66A-R2-B-02	Return water pipe assembly	Assembly	1	Borrowed
5	YP6010104.00000	Rubber insulated cloth	Assembly	3	
4	YW87006601200	Evaporator HBL95B-112-121D	SUS316L	1	
3	YW8014.0600900	L-type air pipe connector	Assembly	2	
2	BH12060701710	Connector 1/4 inch PT ext. x1/4 inch PT	H58	2	
1	YW85001000100	Pressure gauge 0-10KG(water pressure gauge)	Assembly	1	

Tech Req:

- 1.The joint of metal and plastic connectors are wrapped with material tape and sealed;
- 2.Use special glue to connect the PVC-U water pipe;
- 3.After the assembly, make water leakage test it with 0.7Mpa pressure;
- 4.Water pipes and water tanks need thermal insulation;

					制图	版号	0	标题	SIC-66A-R2-P	图号	SIC-66A-R2-P-B-ALL	比例	1:20	数量	1
					设计	核准			水系统					材质	Assembly
					校对									表面要求	/
标记	更改前	更改后	更改人	日期	审核	日期	20230227							物料号	/





Tech. Req:

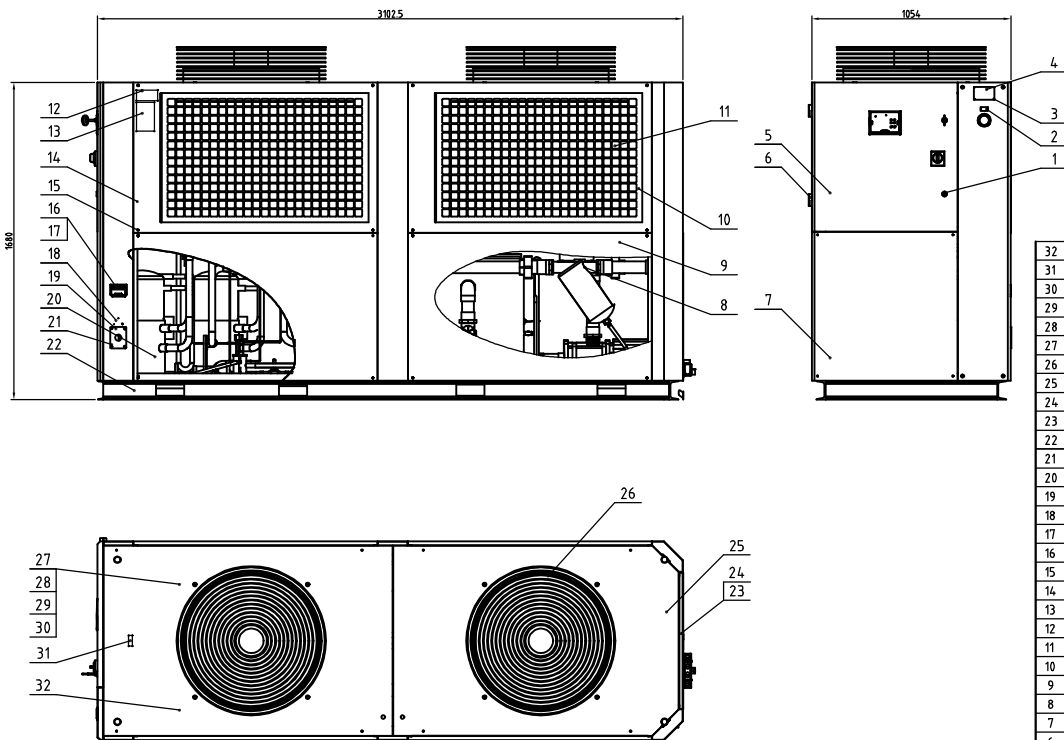
- 1 It's recommended to contain at least 20% silver in the welding rod during copper and stainless steel welding, contain 5% silver in the welding rod during copper and copper welding. All parts shall be installed firmly and perfectly. When using low phosphorus welding rod, higher welding technologies shall be required.
- 2 During welding, it should have anti-oxidation protection. After welding, there shall be no ash and foreign matters in the pipeline and the welding ports shall be smooth.
- 3 After the assembly, fill the refrigerant system with 3.2Mpa nitrogen to maintain the pressure, and the pressure gauge reading doesn't change within 10 hours.
- 4 The surface of copper pipe and evaporator in low temp. zone shall be covered with insulation cotton.
- 5 The thermocoupler head must have insulation treatment.

30	YW05000700800	Y type three way 7"	Assembly	2	
29	YW05000500900	Y type three way 5"	Assembly	2	
28	SIC-66A-R2-C-14	Rear filter inlet liquid pipe	TP2M	1	
27	SIC-66A-R2-C-11	Rear compressor exhaust pipe	TP2M	1	
26	SIC-66A-R2-C-12	Rear compressor return air pipe	TP2M	1	
25	SIC-66A-R2-C-15	Rear expansion valve outlet liquid pipe	TP2M	1	
24	SIC-66A-R2-C-07	Front expansion valve outlet liquid pipe	TP2M	1	
23	SIC-66A-R2-C-10	Front compressor bypass pipe	TP2M	1	
22	YE90042402100	Bypass solenoid valve FDF-4A	Assembly	2	AC24V
21	SIC-66A-R2-C-09	Front compressor equalizer pipe	TP2M	1	
20	YE90207506800	Solenoid valve 200RD7T5T	Assembly	2	Option AC24V
19	SIC-66A-R2-C-07	Front expansion valve inlet liquid pipe	TP2M	1	
18	YS30063500000	Φ6 copper pipe	Assembly	2	
17	YW85010400300	Liquid injection needle valve L	Assembly	4	
16	SIC-66A-R2-C-03	Front compressor return air pipe	TP2M	1	
15	SIC-66A-R2-C-14	Rear expansion valve inlet liquid pipe	Assembly	1	
14	SIC-66A-R2-C-16	Rear compressor equalizer pipe	TP2M	1	
13	YW85712500000	Expansion valve BAE 7	TP2M	2	
12	YM70018200000	Compressor ZPI2KCE-1FD	Assembly	2	
11	SIC-66A-R2-C-17	Rear compressor bypass pipe	TP2M	1	
10	SIC-66A-R2-C-06	Front filter inlet liquid pipe	TP2M	1	
9	SIC-66A-R2-C-02	Front compressor exhaust pipe	TP2M	1	
8	SIC-33A-R2-C-02	Left fin style condenser	TP2M	2	Borrowed
7	SIC-33A-R2-C-03	Right fin style condenser	TP2M	2	Borrowed
6	SIC-66A-R2-C-04	Condenser inlet pipe	TP2M	4	
5	SIC-66A-R2-C-05	Condenser outlet pipe	TP2M	4	
4	SIC-66A-R2-C-03	Front compressor return air pipe	TP2M	1	
3	SIC-66A-R2-C-01	Plate exchanger HBL 95B	Assembly	1	
2	YW85016500100	Drying filter EK165S	Assembly	2	
1	YW85001500100	Liquid level indicator HMI-1115E	Assembly	1	

序号	代号	名称	材质	数量	备注
		制图			
		设计			
		校对			
标记	更改前	更改后	更改人	日期	审核
				日期	20211028
标题		SIC-66A-R2		图号	
		冷媒系统		SIC-66A-R2-C-ALL	
		比例		1:20	数量
					1
		表面要求		材质	
		物料号		Assembly	



Cooling Capacity (cooling temperature 35°C/cooling water inlet 20°C/cooling water outlet 25°C)	Cooling Capacity (cooling temperature 35°C/cooling water inlet 20°C/cooling water outlet 25°C)	Cooling Capacity (cooling temperature 35°C/cooling water inlet 20°C/cooling water outlet 25°C)	Total power (35°C/cooling pressure)	Chilled water inlet (inch)	Chilled water outlet (inch)	Drain port (inch)	Water tank fill port (inch)	Chilled water flow (t/h)	Water tank capacity (L)	Weight (kg)	Ver.
77/88	87/93	98/109	29.1/30.1kw	Rc2	Rc2	Rc1/2	Rc1/2	281	137	1110	A



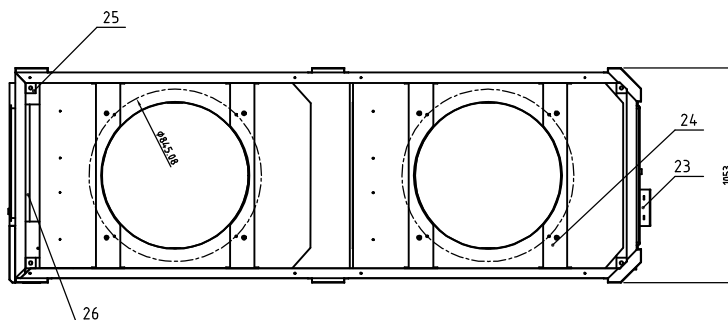
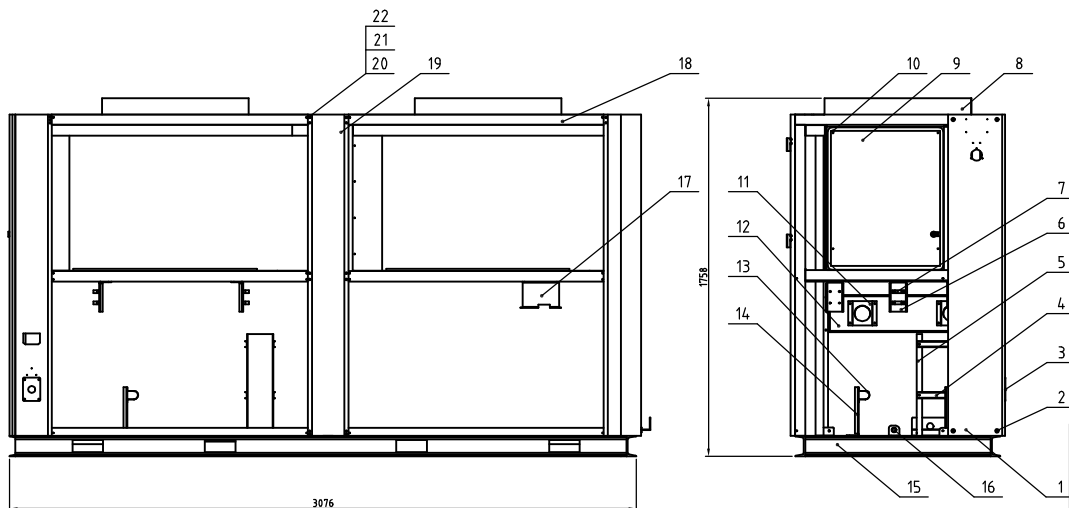
32	SIC-98A-R2-ALL-10	Front top plate	SPCC15	1	
31	YP30432000000	Fan directional label	2024	1	
30	YW64001000100	Hex nut M10	4.0	4	
29	YW66102000100	Flat washer 11x20x2	140HV	4	
28	YW65010000000	Standard spring washer M	65Mn	4	
27	YW60102500000	Hex bolt M10x35	12.9	4	
26	YM60671000600	Fan A607MS-70M-VW04	Assembly	2	
25	SIC-98A-R2-ALL-11	Rear top plate	SPCC15	1	
24	SIC-98A-R2-ALL-07	Rear lower assembly	SPCC15	1	
23	SIC-98A-R2-ALL-06	Rear upper assembly	SPCC15	1	
22	SIC-98A-R2-A-ALL	Rack assembly	Assembly	1	
21	YW62051000100	Large flat head screw M6x10	4.8	4	
20	SIC-98A-R2-C-ALL	Refrigerant system	Assembly	1	
19	BL50290000020	Wire clamp fixed plate PG29	SPCC15	1	
18	YP31051650000	Triangle power 3 phase 400V	Structure parts	1	
17	YR40048500000	Shell RS-485	Assembly	1	
16	YE90048501200	Conn. interface plate	Assembly	1	
15	YW62063500000	Large flat head screw M6x35	4.8	4	6
14	SIC-98A-R2-ALL-03	Right front side plate assembly 1	SPCC15	1	
13	YP31158000400	Water chiller main & repair Ass. label	Structure parts	1	
12	YP31018600000	Notice label	Structure parts	1	
11	SIC-98A-R2-ALL-08	Anti-dust screen	PA66	4	
10	SIC-98A-R2-ALL-04	Right front side plate assembly 2	SPCC15	3	
9	SIC-98A-R2-ALL-05	Front lower panel	SPCC15	4	
8	SIC-98A-R2-B-ALL	Water system	Assembly	1	
7	SIC-98A-R2-ALL-02	Front lower panel	SPCC15	1	
6	YW06203100400	Large chain CL203-10x11	Assembly	2	
5	SIC-98A-R2-ALL-01	Front upper panel	SPCC15	1	
4	YP30439000000	Hexplate label (for Dongguan)	2024	1	
3	YW69020500000	Rivet GB/T 827 2x5	4.8	27	
2	YP30425000000	Pump pressure label	2024	1	
1	YW00816100000	Door lock (H5816)	Assembly	2	
No.	Material number	Name	Mat.	Num	Remarks

Tech. Req:

- 1.Lock up the components tightly with fastening screws according to standard torque.
- 2.The surface must without flaking paint and scratches;
- 3.The panel is easy to disassemble, without interference and stuck.

					制图	版号	A	标题	SIC-98A-R2	图号	SIC-98A-R2-ALL	比例	1:20	数量	1	备注	
					设计	核			总装图							材质	组合件
					校对	准										表面要求	
标记	更改前	更改后	更改人	日期	审核	日期			SHINI 宿务机械股份有限公司 Suzhou Poshun Machinery Co., Ltd.							物料号	

版本号
A



26	SIC-98A-R2-A-19	Control box fixed block	SPCC2.0	1	
25	SIC-48A-R2-A-19	Hanging column	Q235A	2	borrow
24	SIC-98A-R2-A-24	Fan fixed beam 1	SPCC3.0	4	
23	SIC-33A-R2-A-38	Water separator fixed plate	SPCC2.0	1	borrow
22	YW66061300000	Flat washer A grade 6	4.8	20	
21	YW65006000100	Standard spring washer 6	4.8	20	
20	YW60062000100	Hex. bolt M6x20	4.8	20	
19	SIC-98A-R2-A-05	Right middle column	SPCC3.0	1	
18	SIC-98A-R2-A-23	Top right beam	Q235A	1	
17	SIC-98A-R2-A-18	Filter fixed plate	SPCC3.0	1	
16	SIC-98A-R2-A-28	Refilling pipe fixed plate	assembly	1	
15	SIC-98A-R2-A-ALL-01	Rack welding drawing	assembly	1	
14	SIC-98A-R2-A-16	Return air pipe fixation	SPCC3.0	2	
13	SIC-49A-R2-A-30	Return air pipe fixed clamp	SPCC1.0	2	borrow
12	SIC-98A-R2-A-21	Inlet and outlet water pipe fixed beam	SPCC3.0	1	
11	SIC-98A-R2-A-20	Inlet water pipe fixed folded plate	SPCC2.0	2	
10	SIC-98A-R2-A-09	Control box	SPCC1.5	1	
9	SIC-98A-R2-A-10	Electrical bottom plate	SECC1.5	1	
8	SIC-98A-R2-A-27	Evaporator cover plate	SPCC2.0	2	
7	SIC-49A-R2-A-31	Exhaust pipe fixed clamp	SPCC1.0	4	borrow
6	SIC-98A-R2-A-17	Exhaust pipe fixed clamp	SPCC3.0	2	
5	SIC-98A-R2-A-14	Evaporator fixed slot	SPCC3.0	2	
4	SIC-98A-R2-A-15	Evaporator fixed beam	SPCC1.5	4	
3	BL02010000020	Wire clamp fixed plate	4.8	1	
2	YW62063500000	Large flat head screw M6x35	4.8	4	
1	SIC-98A-R2-A-01	Water plate	SPCC1.5	1	
No.	Material number	Name	Mat.	Num.	Remark

Tech. Req:

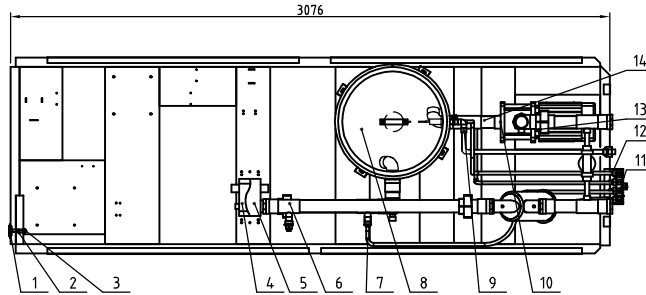
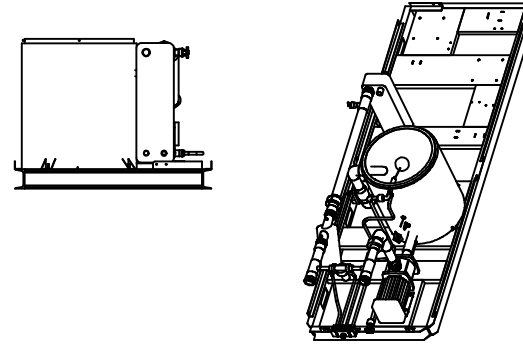
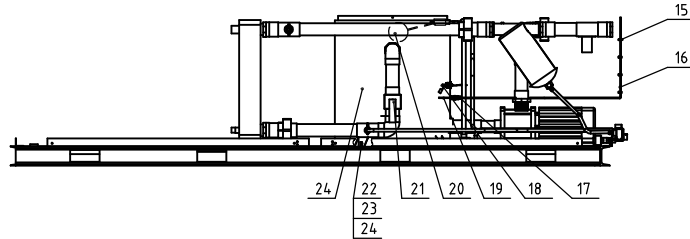
- 1.Lock up the components tightly with fastening screws according to standard torque.
- 2.The surface must without flaking paint and scratches;
- 3.The panel is easy to disassemble, without interference and stuck.

					制图	版号	A	标题	SIC-98A-R2	图号	SIC-98A-R2-A-ALL
					设计	核			机架		
					校对	准					
					审核						
标记	更改前	更改后	更改人	日期	审核	日期	20211028				

SHINI 鲁昂智能科技有限公司
Shuanglong Plastic Technologies, Inc.

比例	1:20	数量	1
材质	组合件		
表面要求	RAL7016		
物料号			

版本号
A



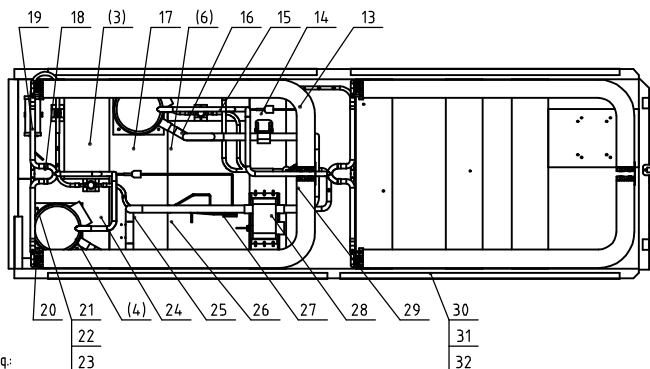
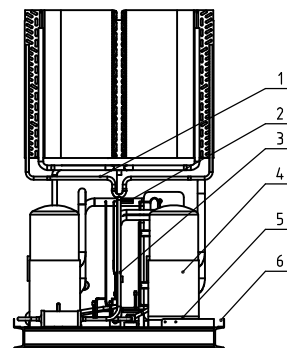
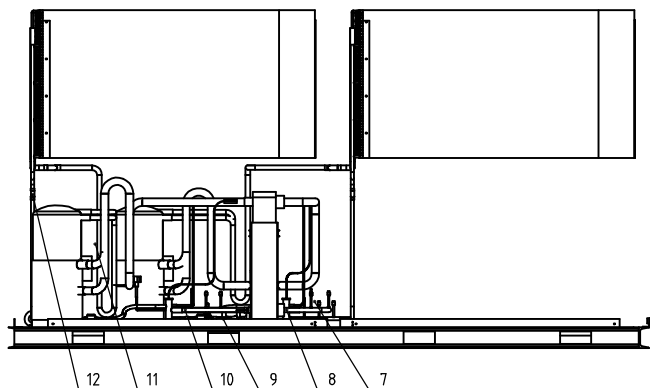
25	SIC-98A-R2-B-07	Water tank	assembly	1	
24	YW66082200100	Large washer C grade 8.4 Longzine	4, 8	8	
23	YW65008000100	Standard spring washer 8	4, 8	8	
22	YW60082000200	Hex. bolt M8*20 Longzine	4, 8	8	
21	SIC-98A-R2-B-02	Return water pipe assembly	assembly	1	
20	YW59010200000	Float ball switch copper-1"	assembly	1	
19	This drawing	Water temp. detector	assembly	1	
18	YE90001600000	Side level switch M16	assembly	1	option
17	YW52010400000	Stainless steel three way 1"	assembly	1	
16	YR60620000100	Transparent hose	PE	1.5	
15	YR90000022000	Cable tie	plastics	3	
14	SIC-98A-R2-B-04	Suction pipe insert	SUS304	1	
13	SIC-98A-R2-B-05	Outlet water pipe assembly	assembly	1	
12	YW02182900000	Stainless steel pipe clamp (18-29)	SUS303	8	
11	YW50001200300	Four-in-one ball valve water collector 1/2"	assembly	1	
10	YM20163300200	Middle pressure pump CHM16-3	assembly	1	
9	YR60051000000	Steel wire hose 1"	assembly	2.5M	
8	SIC-49A-R2-B-08	Water tank cover	SUS304	1	borrow
7	YR60051000000	Steel wire hose 1"	assembly	4.5M	
6	SIC-98A-R2-B-02	Return water pipe assembly	assembly	1	
5	YP60101040000	Rubber insulated cloth	assembly	3	
4	YW87980106000	Evaporator HBL95B-(18-18)D	SUS316L	1	
3	YW80140600900	L-Type air pipe connector	assembly	2	
2	BH12060701710	Connector 1/4 inch PT ext. -1/4 inch PT	H58	2	
1	YW85001000100	Pressure gauge 0-10KG Water pressure gauge	assembly	1	
No.	Material number	Name	Mat.	Num.	Remarks

Tech Req:

- 1.The joint of metal and plastic connectors are wrapped with material tape and sealed;
- 2.Use special glue to connect the PVC-U water pipe;
- 3.After the assembly, make water leakage test it with 0.7Mpa pressure;
4. Water pipes and water tanks need thermal insulation;

					制图	版号	A	标题	SIC-98A-R2	图号	SIC-98A-R2-B-ALL	比例	1:20	数量	1
					设计	核		水系统							
					校对	准									材质 组合件
标记	更改前	更改后	更改人	日期	审核	日期	20211028	 恒嘉电热机械股份有限公司 HENGJIA ELECTRIC HEATING MACHINERY CO., LTD.				表面要求		物料号	

版本号
A



Tech. Req:

- 1.It's recommended to contain at least 20% silver in the welding rod during copper and stainless steel welding, contain 5% silver in the welding rod during copper and copper welding. All parts shall be installed firmly and perfectly. When using low phosphorus welding rod, higher welding technologies shall be required;
- 2.During welding, it should have anti-oxidation protection. After welding, there shall be no ash and foreign matters in the pipeline and the welding ports shall be smooth;
- 3.After the assembly, fill the refrigerant system with 3.2Mpa nitrogen to maintain the pressure, and the pressure gauge reading doesn't change within 10 hours.
- 4.The surface of copper pipe and evaporator in low temp. zone shall be covered with insulation cotton.
- 5.The thermocoupler head must have insulation treatment;
6. The thermocoupler sensor shall be as close to the evaporator outlet as possible, and the connecting pipe shall keep circling and in good order.

32	YW66061300000	Flat washer A grade 6	4.8	20	
31	YW65006000100	Standard spring washer 6	4.8	20	
30	YW60062000100	Hex. bolt M6*20	4.8	20	
29	SIC-49A-R2-C-04	Right condenser	assembly	2	borrow
28	SIC-98A-R2-C-01	Evaporator HBL-(18-18ID)	SUL361	1	
27	As the figure	Thermocouple sensor 1	assembly	1	
26	As the figure	Equalizer pipe 1	TP2M	1	
25	SIC-98A-R2-C-07	Return air pipe 2	TP2M	1	
24	YW85001500100	Liquid level indicatorHL-TT5	assembly	2	
23	YW66082200100	Large washer C grade (8.4x24x2)	4.8	8	
22	YW65008000100	Standard spring washer 8	4.8	8	
21	YW60084.000100	Hex. bolt M8*40	4.8	8	
20	YW67481900000	Cross recessed pan head self drilling tapping screw	4.8	8	
19	SIC-49A-R2-C-06	Left & right condenser inlet pipe	TP2M	2	borrow
18	YW05000700800	Y type three way 7"	TP2M	2	
17	YW85030500100	Drying filter EK3055	assembly	2	
16	SIC-98A-R2-C-07	Return air pipe 1	TP2M	1	
15	SIC-98A-R2-C-08	Air exhaust pipe 2	TP2M	1	
14	YE32070500000	Liquid pipe solenoid valve	assembly	2	
13	SIC-49A-R2-C-03	Left condenser	assembly	2	borrow
12	YW05000500900	Y type three way 5"	TP2M	2	
11	SIC-98A-R2-C-03	Air exhaust pipe 1	TP2M	1	
10	SIC-98A-R2-C-06	Evaporator inlet air pipe 1	TP2M	1	
9	SIC-98A-R2-C-10	Filter liquid outlet pipe 2	TP2M	1	
8	SIC-98A-R2-C-11	Evaporator inlet air pipe 2	TP2M	1	
7	SIC-98A-R2-C-09	Condenser liquid outlet pipe 2	TP2M	1	
6	SIC-98A-R2-C-05	Filter liquid outlet pipe 1	TP2M	1	
5	BE90715200000	Crankcase heating belt	assembly	1	
4	YM70018200000	ZP182KCE-TFD	assembly	2	
3	SIC-98A-R2-C-04	Filter liquid inlet pipe	TP2M	1	
2	As the figure	Thermocouple sensor 2	assembly	1	
1	SIC-49A-R2-C-07	Left & right condenser liquid outlet pipe	TP2M	2	borrow
No.	Material number	Name	Mat.	Num.	Remarks

					制图	版号	A	标题	SIC-98A-R2	图号	SIC-98A-R2-C-ALL	比例	1:20	数量	1
					设计	核			冷冻系统				材质	组合件	
					校对	准									
标记	更改前	更改后	更改人	日期	审核		日期	20211028			信昌电制冷设备有限公司 Shini Electric Technology, Inc.	物料号			