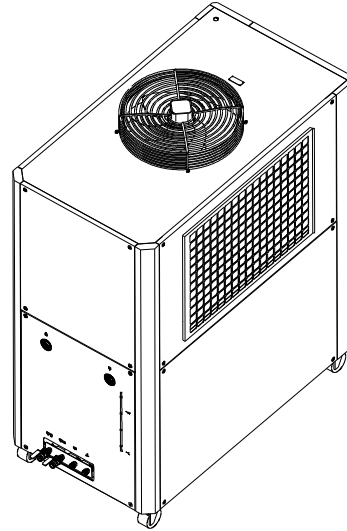
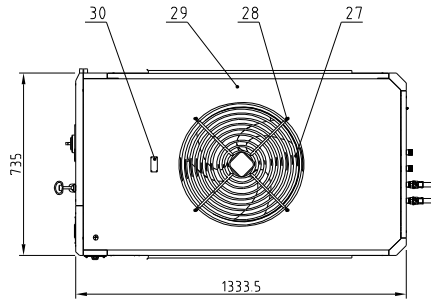
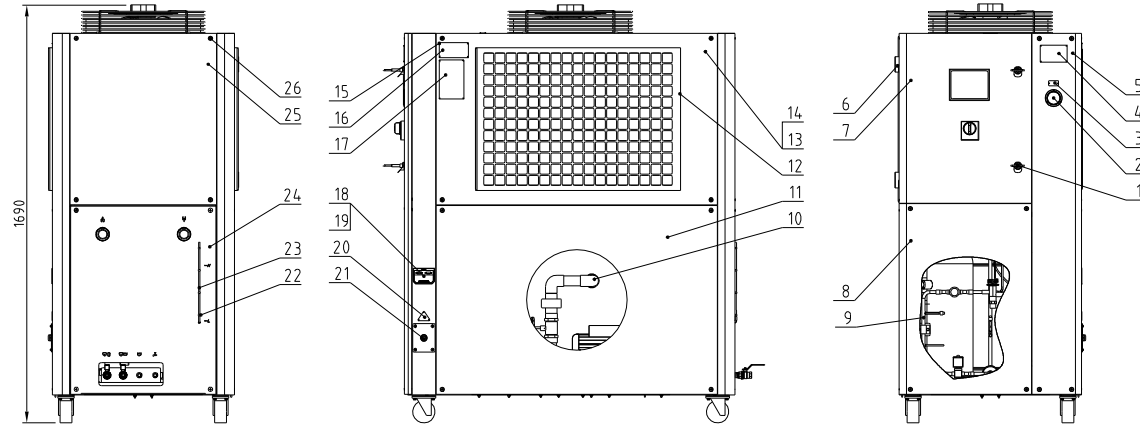


Cooling capacity/water outlet temp. 7℃)	Cooling capacity/water outlet temp. 10℃)	Cooling capacity/water outlet temp. 15℃)	Total power/middle/high pressure)	Chilled water inlet/finch)	Chilled water outlet/finch)	Drainage outlet/finch)	Water tank refill port (inch)	Flow rate of chilled water(L/min)	Water tank capacity(L)	Weight(kg)	Ver
12kw	13kw	15kw	4.64/4.99kw	Rc125	Rc125	Rc1/2	Rc1/2	4.3	76	350	B



Technical requirements:

1. Tighten the fastening screws of the components to the standard torque without any looseness;
2. There is no paint peeling or scratching on the surface;
3. The panel equipment is easy to disassemble, without interference or jamming.

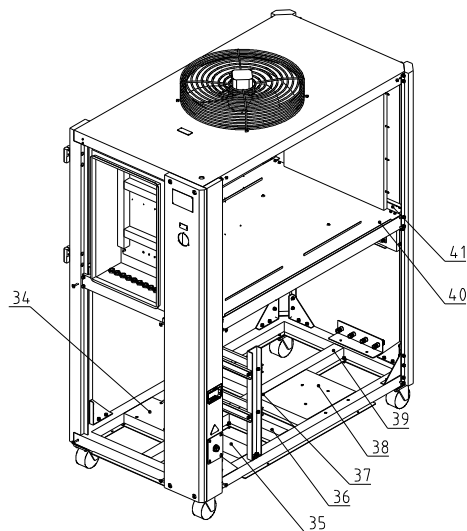
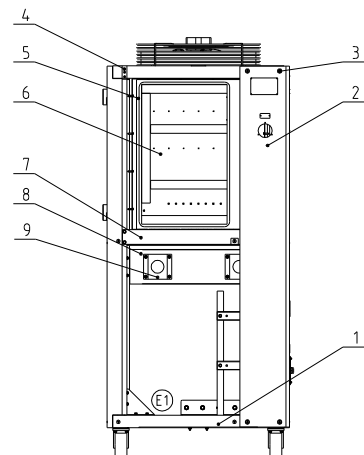
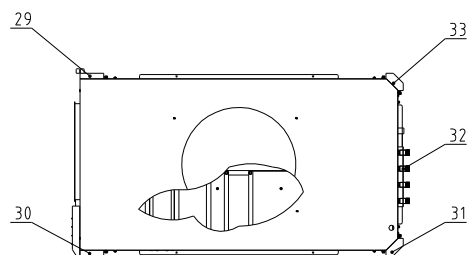
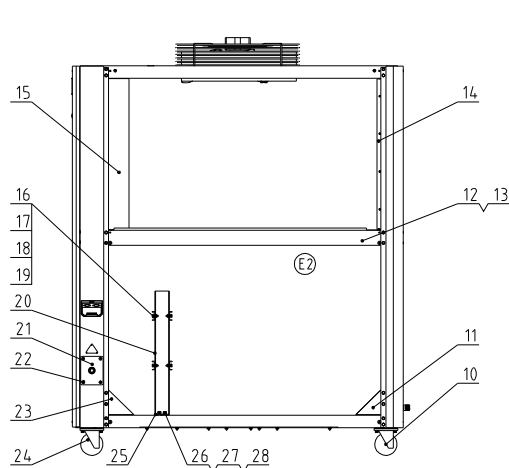
30	YP304.32000000	Please pay attention to correct running	2024	1	
29	SIC-15A-R2-ALL-01	Top panel combination	Assembly	1	Borrowed
28	YW67481900000	Cross recessed pan head screws	SPCC15	37	
27	YM604.45000700	Blower ADM6030WV, Rated 3-phase	Assembly	1	
26	YW62063500000	Cross recessed flat head screw 3.5X11	4.8	28	
25	SIC-25A-R2-ALL-06	Rear upper panel	SPCC15	1	Borrowed
24	SIC-25A-R2-ALL-07	Rear lower panel	SPCC15	1	Borrowed
23	YR60620000100	Transparent tracks W (20 meters/roll)	Structural parts	3M	
22	YR90000022000	Black air conditioning tie yids 400	Assembly	5	
21	YE67251500100	Copper nickel-plated cable connector	Assembly	1	
20	YP31051650000	Power supply 3-phase 400V 51x4500	2024	1	
19	YR40048500000	Shell RS-485	Assembly	1	
18	YE90048501200	Communication interface board RS-485	Assembly	1	
17	YP311158004.00	Chiller maintenance 100W(150mm)	Assembly	1	
16	YP31018600000	Aluminum plate label 118x6000	2024	1	
15	YW69020500000	Rivet GB/T 827 2x5		20	
14	SIC-25A-R2-ALL-05	Lower side panel	SPCC15	1	Borrowed
13	SIC-25A-R2-ALL-03	Upper left side panel combination	SPCC15	1	Borrowed
12	SIC-25A-R2-ALL-10	General assembly drawing (415F)	PA66	2	Borrowed
11	SIC-25A-R2-ALL-04	Upper right side panel assembly	SPCC15	2	Borrowed
10	SIC-15A-R2-B-ALL	Water system	Assembly	1	
9	SIC-15A-R2-C-ALL	Refrigerant system	Assembly	1	
8	SIC-25A-R2-ALL-02	Front lower panel	SPCC15	1	Borrowed
7	SIC-25A-R2-ALL-01	Front door panel	SPCC15	1	Borrowed
6	YW062031004.00	Large hinge C203-1 (left)	SPCC2.0	2	
5	SIC-15A-R2-A-ALL	frame	Assembly	1	
4	YP30804.900700	Aluminum plate nameplate group general	2024	1	
3	YP304.25000000	Pump pressure gauge (aluminum plate)	2024	1	
2	YW85001000100	Pressure gauge 0-10KG	Assembly	1	
1	YW00816100000	Door lock QSH16-1 black yids key)	Assembly	2	

序号	代号	名称	材质	数量	备注
		SIC-15A-R2		1.18	数量 1
		总装图			材质 组合件
		SIC-15A-R2-ALL			
			表面要求		/
			物料号		/

					制图		版号	F	标题		图号		比例	1:18	数量	1
					设计		核准									
(F1)	无	见本图		20250210	校对		核准									
标记	更改前	更改后	更改人	日期	审核		日期	20200214								



信易电热机械股份有限公司
Shini Plastics Technologies, Inc.



Technical requirements:

1. Tighten the fastening screws of the components to the standard torque without any looseness;
2. There is no paint peeling or scratching on the surface;
3. The panel equipment is easy to disassemble, without interference or jamming.

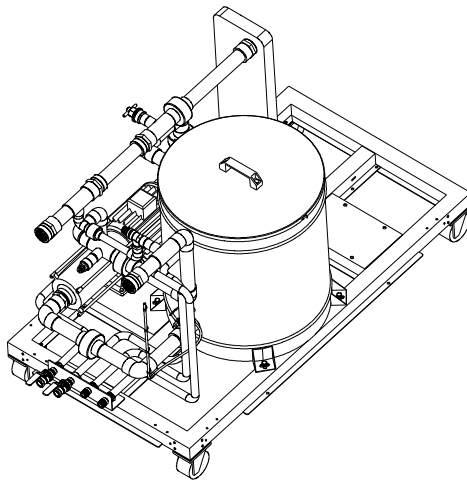
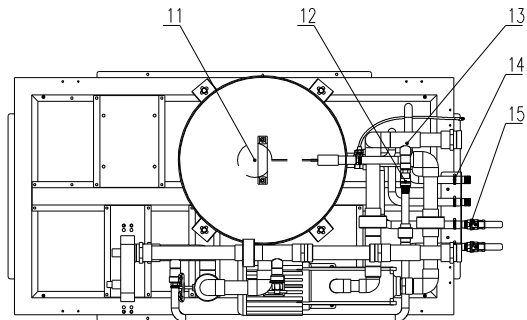
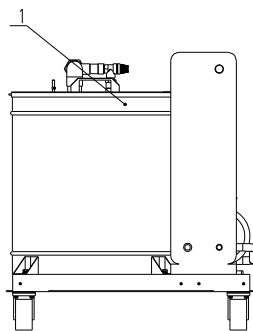
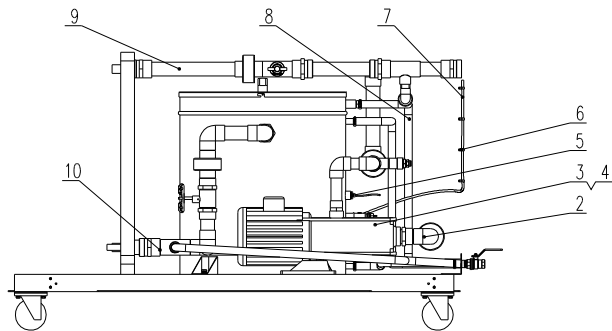
41	SIC-25A-R2-A-17	Rear center cross member	SPCC2.0	1	Borrowed
40	SIC-25A-R2-A-25	Condenser lower sealing plate	SPCC1.0	1	Borrowed
39	SIC-25A-R2-A-11	Bottom middle beam	SPCC2.0	1	Borrowed
38	SIC-25A-R2-A-14	Water pump bottom plate	SPCC2.0	1	Borrowed
37	SIC-25A-R2-A-13	Water tank beam 2	SPCC2.0	1	Borrowed
36	SIC-25A-R2-A-12	Water tank bottom beam 1	SPCC2.0	1	Borrowed
35	SIC-25A-R2-A-15	Replacement of slide with bottom beam	SPCC2.0	1	Borrowed
34	SIC-15A-R2-A-01	Compressor beam	SPCC2.0	1	
33	SIC-25A-R2-A-04	Left rear column	SPCC2.0	1	Borrowed
32	SIC-33A-R2-A-38	Water collector fixing plate	SPCC2.0	1	Borrowed
31	SIC-25A-R2-A-05	Right rear column	SPCC2.0	1	Borrowed
30	SIC-25A-R2-A-03	Right front column	SPCC2.0	1	Borrowed
29	SIC-25A-R2-A-02	Left front column	SPCC2.0	1	Borrowed
28	YW66081600000	Flat Washer Grade A (3.4x16x1.6)	14.0HV	4	
27	YW65008000100	Standard spring washer GB/T93 8	65Mn	4	
26	YW60082000200	Hexagon head bolt GB/T5782 M8x2-6.8	5.0	4	
25	SIC-25A-R2-A-16	Evaporator fixing slot	SPCC2.0	2	Borrowed
24	YW03000300000	1/2" black PPA steel with middle hole	组合件	2	
23	BL08102100020	Triangle board (right) SIC-004	SPCC2.0	3	
22	YW62051000100	Cross recessed flat head screw JISB1111	4.8	27	
21	SG-S-01	Wire clamp fixing plate	SPCC2.0	1	Borrowed
20	SIC-33A-R2-A-18	Evaporator fixed piece	SPCC2.0	4	Borrowed
19	YW64000600300	Hexagonal nut GB/T6170 M6	4.8	155	
18	YW66061300000	Flat Washer Grade A (3.4x13.1x1.6) flat	65Mn	155	
17	YW65006000100	Standard spring washer GB/T93 6	14.0HV	24.3	
16	YW60062000100	Hexagon head bolt GB/T5781 M6x2	5.0	88	
15	SIC-25A-R2-A-24	Condenser front sealing plate	SPCC1.5	1	Borrowed
14	SIC-25A-R2-A-26	Condenser rear sealing plate	SPCC1.5	1	Borrowed
13	SIC-25A-R2-A-19	Right middle crossbar	SPCC2.0	1	Borrowed
12	SIC-25A-R2-A-18	Left middle crossbar	SPCC2.0	1	Borrowed
11	BL08112000020	Triangular plate (left) SIC-003	SPCC2.0	3	
10	YW03000300300	Flat plate fixed black rubber steel 1/2"	组合件	2	
9	SIC-25A-R2-A-23	Fixed folding plate	SPCC2.0	2	Borrowed
8	SIC-25A-R2-A-22	Fixed beam for inlet and outlet pipes	SPCC2.0	1	Borrowed
7	SIC-25A-R2-A-08	Front center cross member	SPCC2.0	1	Borrowed
6	SIC-25A-R2-A-07	Electrical baseboard	SECC1.5	1	Borrowed
5	SIC-25A-R2-A-06	Electric control box	SPCC1.5	1	Borrowed
4	SIC-33A-R2-A-34	Top panel fixing bolt supports	SPCC2.0	2	Borrowed
3	YW62063500000	Cross recessed flat head screw JISB1111	4.8	4	
2	SIC-25A-R2-A-01	Dashboard	SPCC1.5	1	Borrowed
1	SIC-25A-R2-A-09	Bottom frame	SPCC2.0	1	Borrowed

序号	代号	名称	材质	数量	备注
	SIC-15A-R2	机架		1.18	数量 1
	SIC-15A-R2-A-ALL			材质 组合件	
			表面要求		/
			物料号		/

③	活动脚轮3寸	固定脚轮3寸		20250210	制图		版号	E	标题	SIC-15A-R2	图号	SIC-15A-R2-A-ALL	比例	1:18	数量	1
②	无	取消水过滤器固定板		20250210	设计		核准									
①	无	取消补水管固定板		20250210	校对											
标记	更改前	更改后	更改人	日期	审核		日期	20200214								



信易电热机械股份有限公司
Shini Plastics Technologies, Inc.



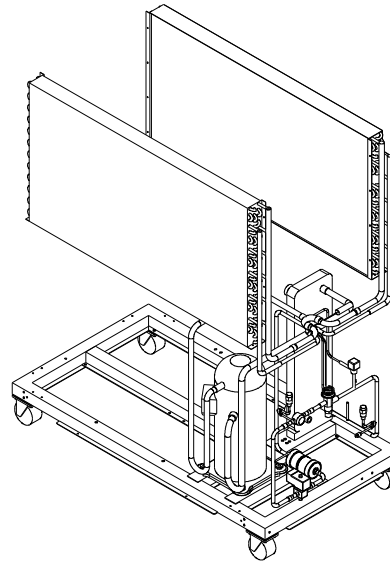
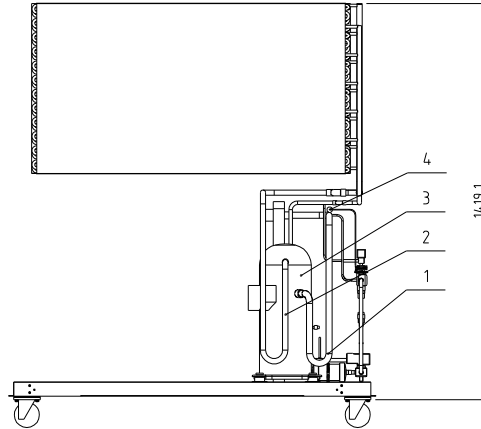
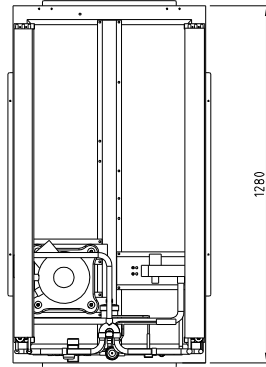
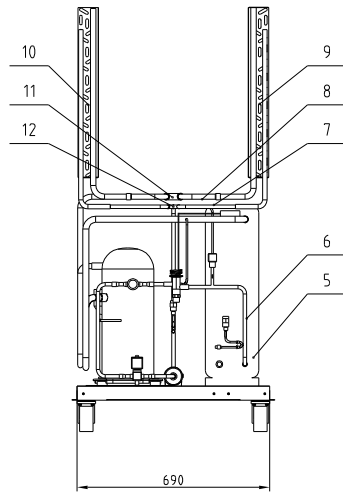
Technical requirements:

1. Wrap the connection between the metal joint and the plastic joint with a sealing tape;
2. Use specialized adhesive for the connection of PVC-U plastic water pipes;
3. After assembly, use water at a pressure of 0.7Mpa for leakage testing, and there should be no leakage;
4. Water pipes and tanks need to be insulated.

15	YW50001208200	Copper ball valve 1/2" (inner 6 teeth)	Assembly	2	
14	YW02182900000	Stainless steel tube bundle 18-25mm	Assembly	4	
13	SIC-25A-R2-B-04	Water pump outlet pipe combination	Assembly	1	Borrowed
12	SIC-25A-R2-B-07	Outlet pipe bypass combination	Assembly	1	Borrowed
11	YW59010200000	Float switch 1/2" (copper)	Assembly	1	
10	SIC-25A-R2-B-02	Float replacement water pipe combination	Assembly	1	Borrowed
9	SIC-25A-R2-B-01	Return pipe assembly	Assembly	1	Borrowed
8	YR60051000000	Steel wire rubber hose	Assembly	3M	
7	YR60620000100	Transparent track 16 (200 meters/roll)	PE	1.5M	
6	YR90000022000	Black air conditioning tin plate 450	Plastic	5	
5	YE90001600000	Side mount plastic downhill limit switch	Assembly	1	Option
4	YM21450300400	Water pump SHP4-50	Assembly	1	High voltage use
3	YM21440300600	Water pump SHP4-40	Assembly	1	Medium voltage use
2	SIC-15A-R2-B-01	Water pump inlet pipe combination	Assembly	1	
1	SIC-25A-R2-B-05	Water tank body	Assembly	1	Borrowed
序号	代号	名称	材质	数量	备注

					制图		版号	D	标题	SIC-15A-R2	图号	SIC-15A-R2-B-ALL	比例	1:13	数量	1
					设计		核准			水系统					材质	组合件
①	无	见本图		20250210	校对		核准									/
标记	更改前	更改后	更改人	日期	审核		日期	20200212					表面要求			/
													物料号			/

SHINI 信易电热机械股份有限公司
Shini Plastics Technologies, Inc.



Technical requirements:

1 It is recommended that welding rods for copper and stainless steel contain at least 20% silver, and welding rods for copper and copper welding contain 5% silver. The installation of each component should be firm and aesthetically pleasing. Higher welding skills are required when using low phosphorus welding rods;

2 Anti oxidation protection is required during welding. After welding, there should be no ash or foreign objects in the pipeline system, and the weld joint should be smooth.

After assembly, the refrigerant system was filled with 3.2MPa nitrogen gas to maintain pressure, and the pressure gauge reading remained unchanged for 10 hours.

4 Copper pipes and evaporator surfaces in the low-temperature section need to be wrapped with insulation cotton.

5 The temperature sensing probe also needs to be insulated.

12	YW05000500900	Y-shaped three-way five port	TP2Y	1	
11	YW05000700800	Y-shaped three-way seven port	TP2Y	1	
10	SIC-25A-R2-C-02	Left finned condenser	Structure parts	1	Borrowed
9	SIC-25A-R2-C-03	Right finned condenser	Structure parts	1	Borrowed
8	SIC-25A-R2-C-06	Left and right condenser outlet pipes	TP2M	2	Borrowed
7	SIC-25A-R2-C-07	Left and right condenser outlet pipes	TP2M	2	Borrowed
6	SIC-15A-R2-C-03	Liquid pipe welding	TP2M	1	
5	YW87951000000	Plate evaporator HBL95B-100	SUS316L	1	
4	This figure	Expansion valve temperature sensing bulb	TP2M	1	
3	YM70050400500	Compressor	Assembly	1	
2	SIC-15A-R2-C-02	Exhaust pipe	TP2M	1	
1	SIC-15A-R2-C-01	Return air pipe	TP2M	1	
序号	代号	名称	材质	数量	备注

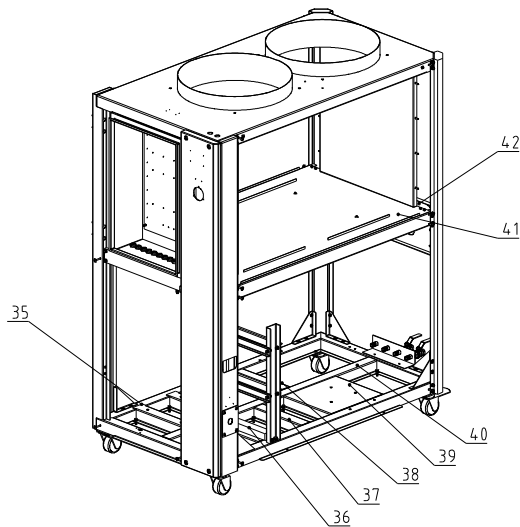
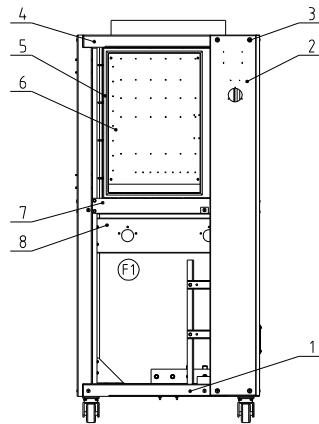
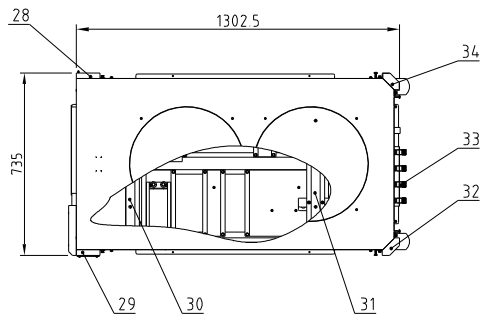
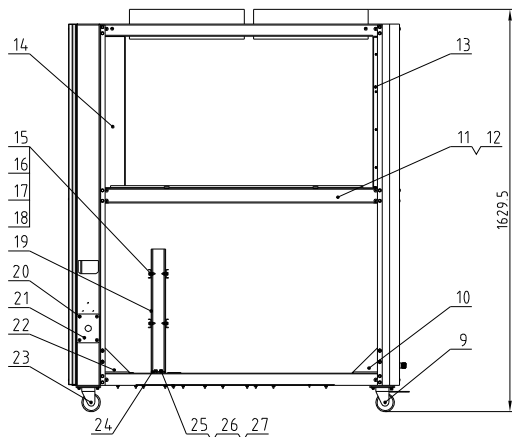
					制图	版号	A	标题	SIC-15A-R2	图号	SIC-15A-R2-C-ALL	比例	1:16	数量	1
					设计	核准			冷媒系统					材质	组合件
					校对										
标记	更改前	更改后	更改人	日期	审核	日期	20200214								



信易电热机械股份有限公司
Shini Plasdas Technologies, Inc.

表面要求

物料号



Technical requirements:

1. Tighten the fastening screws of the components to the standard torque without any looseness;
2. There is no paint peeling or scratching on the surface;

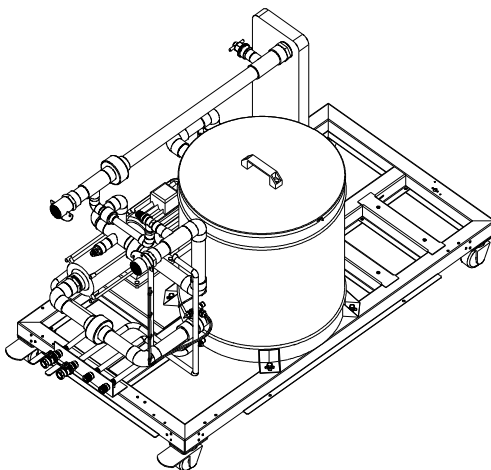
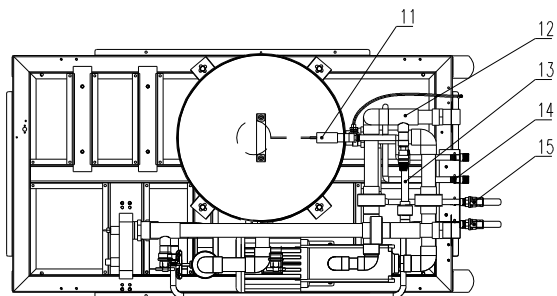
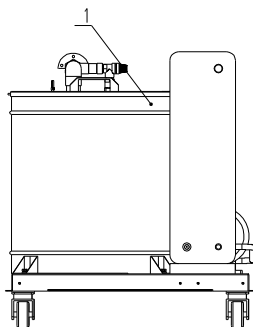
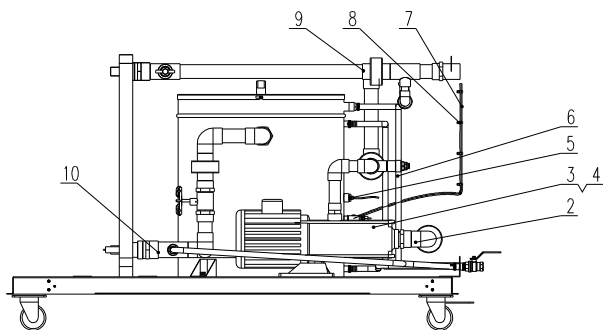
1	SIC-25A-R2-A-09	Bottom frame	SPCC2.0	1	
2	SIC-25A-R2-A-01	Top panel	SPCC1.5	1	
3	YW62063500000	One piece large flat head screw JISIII M6x8	4.8	4	
4	SIC-33A-R2-A-34	Top panel fixed bolt support	SPCC2.0	2	Borrowed
5	SIC-25A-R2-A-06	Electric control panel	SPCC1.5	1	
6	SIC-25A-R2-A-07	Electrical Base Plate	SECC1.5	1	
7	SIC-25A-R2-A-08	Front middle crossbeam	SPCC2.0	1	
8	SIC-25A-R2-A-22	Fixed crossbeam for inlet and outlet pipes	SPCC2.0	1	
9	YW03000300200	3-inch activity black PPR plate model	Structure parts	2	
10	BL08112000020	Triangle board (left) SIC-003	SPCC2.0	3	
11	SIC-25A-R2-A-18	Left middle crossbeam	SPCC2.0	1	
12	SIC-25A-R2-A-19	Right middle crossbeam	SPCC2.0	1	
13	SIC-25A-R2-A-26	Sealing plate behind condenser	SPCC1.5	1	
14	SIC-25A-R2-A-24	Front sealing plate of condenser	SPCC1.5	1	
15	YW60062000100	Hexagonal Nut GB/T6170 M6	5.0	88	
16	YW65006000100	Flat washer Class I GB/T93.1 (6.4) M6	14.0HV	24.3	
17	YW66061300000	Standard spring washer GB/T93 6	65Mn	155	
18	YW64000600300	Hexagonal head bolt GB/T5781 M6x20	4.8	155	
19	SIC-33A-R2-A-18	Evaporator fixed plate	SPCC2.0	4	Borrowed
20	YW62051000100	One piece large flat head screw JISIII M6x8	4.8	27	
21	SG-S-01	Wire clamp fixing plate M25	SPCC2.0	1	Borrowed
22	BL08102100020	Triangle board (right) SIC-004	SPCC2.0	3	
23	YW03000300000	3-inch black PPR wheel brace	Structure parts	2	
24	SIC-25A-R2-A-16	Evaporator fixed groove	SPCC2.0	2	
25	YW60082000200	Hexagonal head bolt GB/T5783 M6x20	5.0	4	
26	YW65008000100	Standard spring washer GB/T93 8	65Mn	4	
27	YW66081600000	Flat washer Class I GB/T93.1 (6.4) M6x14	14.0HV	4	
28	SIC-25A-R2-A-02	Left front pillar	SPCC2.0	1	
29	SIC-25A-R2-A-03	Right front pillar	SPCC2.0	1	
30	SIC-25A-R2-A-20	Copper tube fixed crossbeam	SPCC2.0	1	
31	SIC-25A-R2-A-21	Fixed crossbeam of water filter	SPCC2.0	1	
32	SIC-25A-R2-A-05	Right rear pillar	SPCC2.0	1	
33	SIC-33A-R2-A-38	Drainage fixed plate combination	SPCC2.0	1	Borrowed
34	SIC-25A-R2-A-04	Left rear pillar	SPCC2.0	1	
35	SIC-25A-R2-A-10	Compressor crossbeam	SPCC2.0	2	
36	SIC-25A-R2-A-15	Plate replacement base plate	SPCC2.0	1	
37	SIC-25A-R2-A-12	Water tank crossbeam 1	SPCC2.0	1	
38	SIC-25A-R2-A-13	Water tank crossbeam 2	SPCC2.0	1	
39	SIC-25A-R2-A-14	Pump base plate	SPCC2.0	1	
40	SIC-25A-R2-A-11	Bottom middle crossbeam	SPCC2.0	1	
41	SIC-25A-R2-A-25	Sealing plate under condenser	SPCC1.0	1	
42	SIC-25A-R2-A-17	Rear middle crossbeam	SPCC2.0	1	

序号	代号	名称	材质	数量	备注
	SIC-25A-R2	机架	SIC-25A-R2-A-ALL	1.18	数量 1
					材质 组合件
					表面要求 /
					物料号 /

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



信易电热机械股份有限公司
Shini Plastics Technologies, Inc.



Technical requirements:

1. Wrap the connection between the metal joint and the plastic joint with a sealing tape;
2. Use specialized adhesive for the connection of PVC-U plastic water pipes;
3. After assembly, use water at a pressure of 0.7Mpa for leakage testing, and there should be no leakage;
4. Water pipes and tanks need to be insulated.

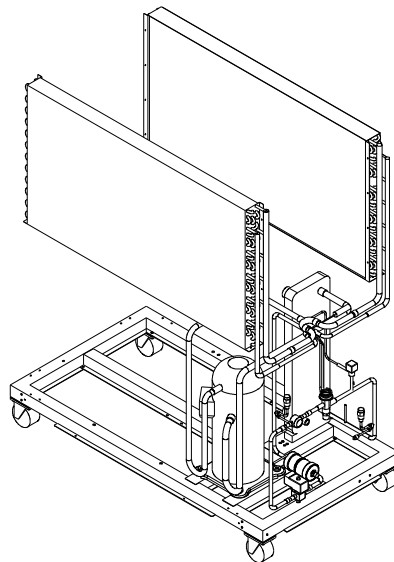
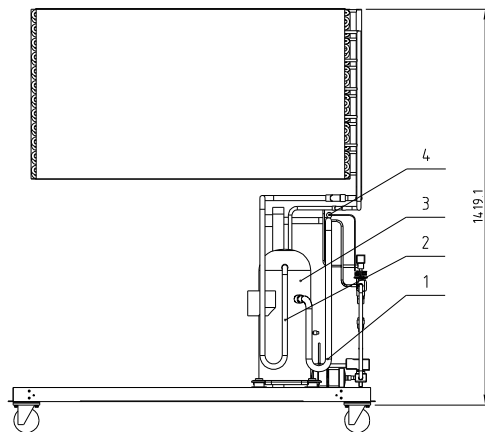
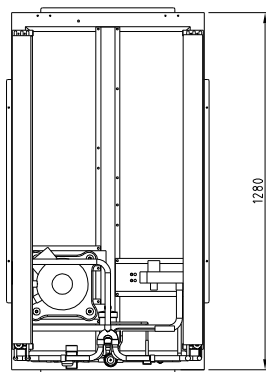
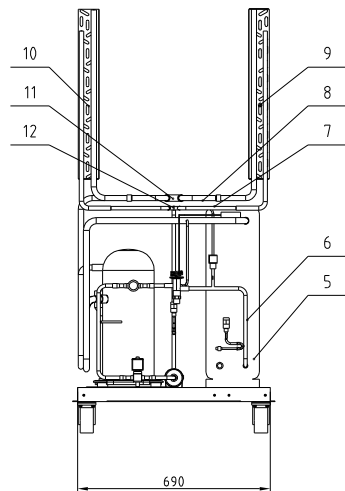
15	YW50001208200	Copper ball valve 1/2 inch (inner 6-turn)	Assembly	2	
14	YW02182900000	Stainless steel tube handle (18-28)	Assembly	4	
13	SIC-25A-R2-B-07	Bypass combination of outlet pipe	Assembly	1	
12	SIC-25A-R2-B-04	Water pump outlet pipe combination	Assembly	1	
11	YW59010200000	Float switch copper 1/2 inch	Assembly	1	
10	SIC-25A-R2-B-02	Plate replacement water pipe combination	Assembly	1	
9	SIC-25A-R2-B-01	Return pipe combination	Assembly	1	
8	YR90000022000	ribbon	Plastic	5	
7	YR60620000100	Transparent rubber hose	PE	1.5M	
6	YR60051000000	1/2 inch steel wire rubber hose	Assembly	3M	
5	YE90001600000	Backhill type liquid level switch	Assembly	1	Option
4	YM21460300100	Nan Yuan Water Pump SHP4-60	Assembly	1	High pressure use
3	YM21450300400	Nan Yuan Water Pump SHP4-50	Assembly	1	Medium pressure use
2	SIC-25A-R2-B-03	Pump inlet pipe combination	Assembly	1	
1	SIC-25A-R2-B-05	Water tank body	Assembly	1	
序号	代 号	名 称	材 质	数 量	备 注

					制图	版号	E	标题	SIC-25A-R2	图号	SIC-25A-R2-B-ALL	比例	1:13	数量	1
					设计	核			水系统					材质	组合件
①	无	见本图		20250701	校对	准									/
标记	更改前	更改后	更改人	日期	审核	日期	20200212								/



信易电热机械股份有限公司
Shini Plastics Technologies, Inc.

表面要求
物料号



Technical requirements:

1. It is recommended that the welding rod for copper and stainless steel contain at least 20% silver, and the welding rod for copper and copper welding contains 5% silver. The installation of each component should be firm and beautiful, and higher welding skills are required when using low phosphorus welding rods;
2. Anti oxidation protection is required during welding. After welding, there should be no ash or foreign objects in the pipeline system, and the weld joint should be smooth; After assembly, the refrigerant system was filled with 3.2MPa nitrogen gas to maintain pressure, and the pressure gauge reading remained unchanged for 10 hours.
4. Copper pipes and evaporator surfaces in the low-temperature section need to be wrapped with insulation cotton.
5. The temperature sensing probe also needs to be insulated.

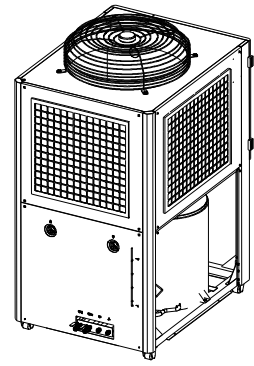
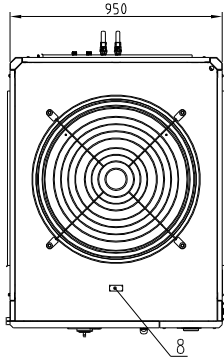
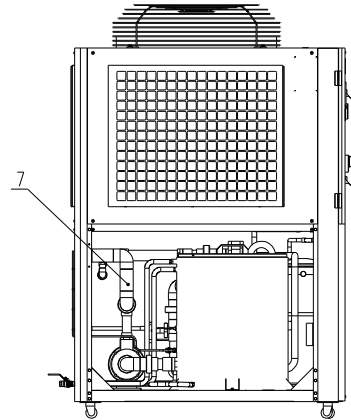
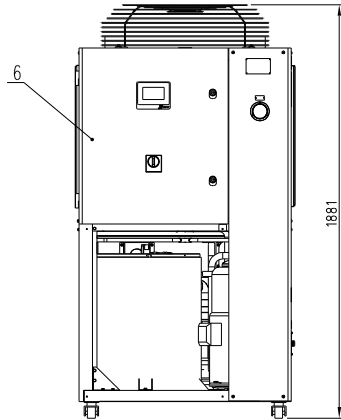
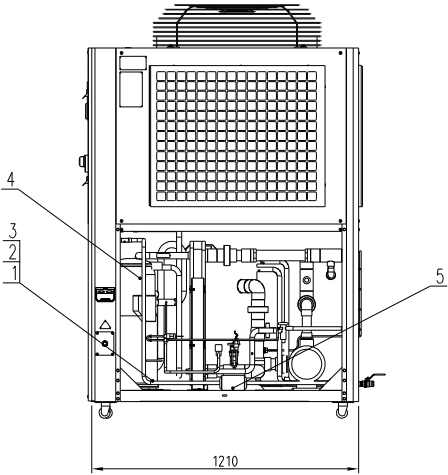
12	YW05000500900	Y-shaped three-way five point	TP2Y	1	
11	YW05000700800	Y-shaped three-way seven point	TP2Y	1	
10	SIC-25A-R2-C-02	Left finned condenser	Structure parts	1	
9	SIC-25A-R2-C-03	Right finned condenser	Structure parts	1	
8	SIC-25A-R2-C-06	Left and right condenser outlet pipes	TP2M	2	
7	SIC-25A-R2-C-07	Left and right condenser outlet pipes	TP2M	2	
6	SIC-25A-R2-C-08	Liquid pipe welding	TP2M	1	
5	YW87951000000	Plate evaporator HBL95B-100	SUS316L	1	
4	This figure	Expansion valve temperature sensing bulb	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	
序号	代号	名称	材质	数量	备注

					制图	版号	C	标题	SIC-25A-R2	图号	SIC-25A-R2-C-ALL	比例	1:16	数量	1
					设计	核准			冷媒系统					材质	组合件
①		见本图	2024.0210	校对		核准								表面要求	/
标记	更改前	更改后	更改人	日期	审核	日期	20200212							物料号	/



信易电热机械股份有限公司
Shini Plastics Technologies, Inc.

Cooling capacity/water outlet temp. 7 (°C)	Cooling capacity/water outlet temp. 10 (°C)	Cooling capacity/water outlet temp. 15 (°C)	Total power(middle/high pressure)	Chilled water inlet(ton)	Chilled water outlet(ton)	Drainage outlet(ton)	Water tank refill port (ton)	Flow rate of chilled water(L/min)	Water tank capacity(L)	Weight(kg)	Ver.
27kW	30kW	33kW	10.7/11.4kW	Rc15	Rc15	Rc1/2	Rc1/2	94.6	90	421	B

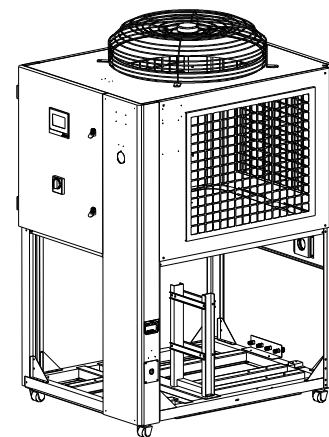
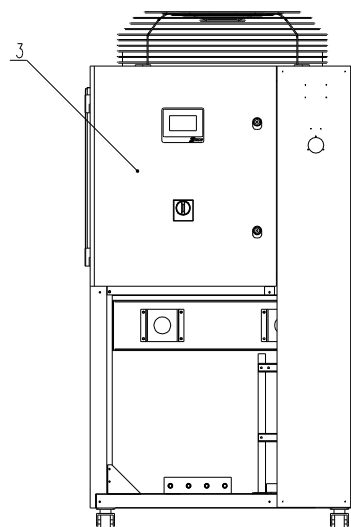
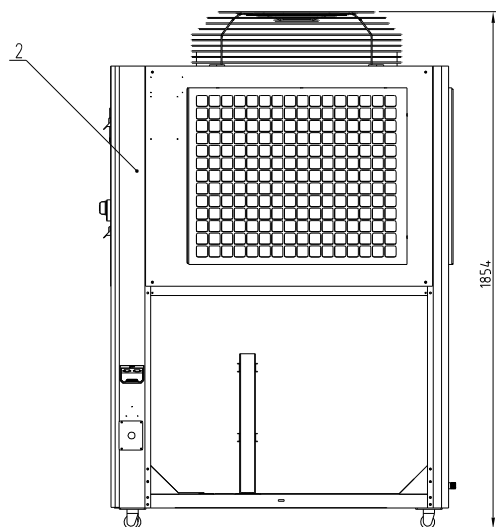


Technical requirements:

1. The sheet metal system is connected with nuts, ensuring no scratches on the sheet metal and minimal vibration during operation;
2. The refrigerant system operates under a pressure of 4 MPa without leakage;
3. The water system operates at a pressure of 7 bar without any leakage;
4. Each system is fully assembled and the appearance is wiped clean.

8	YP304.32000000	Pan directional label	Assembly	1	
7	SIC-33A-R2-B-ALL	Water system	Assembly	1	
6	SIC-33A-R2-A-ALL	Rack assembly	Assembly	1	
5	YW020004.000000	Stainless steel pipe clamp 4"(10-11)	SUS304	3	
4	SIC-33A-R2-C-ALL	Refrigerant system	Assembly	1	
3	YW660816.000000	Flat washer	14-0HV	18	
2	YW650080.00100	Standard spring washer	65Mn	18	
1	YW60084.000100	Hexagonal head bolt M8 * 40	4.8	4	
序号	代号	名称	材质	数量	备注

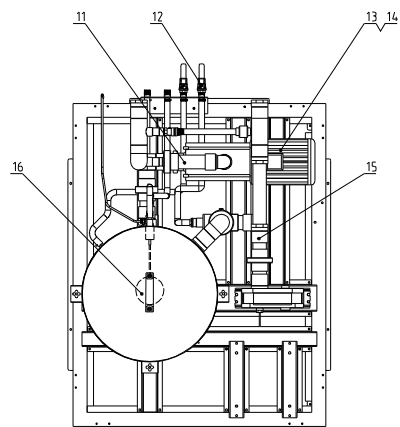
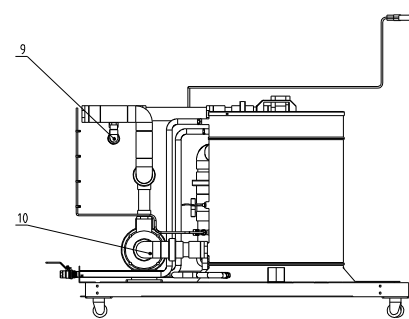
					制图		版号	H	标题	SIC-33A-R2	图号	SIC-33A-R2-ALL	比例	1:20	数量	1
					设计		核准		总装图						材质	组合件
(H1)	无	见本图		20250210	校对		核准						表面要求		/	
标记	更改前	更改后	更改人	日期	审核		日期	20190101	SHINI	信易电热机械股份有限公司	Shini Plastics Technologies, Inc.	物料号		/		



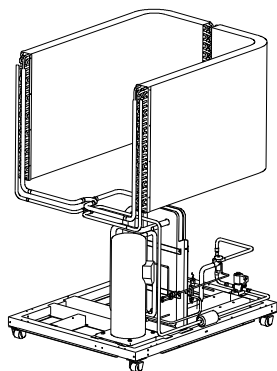
1. Tighten the fastening screws of the components to the standard torque without any looseness;
2. There is no paint peeling or scratching on the surface;

					制图		版号	I
					设计		核准	
(11)		見本图		20250210	校对			
标记	更改前	更改后	更改人	日期	审核		日期	20190101

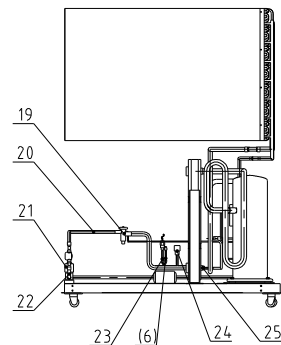
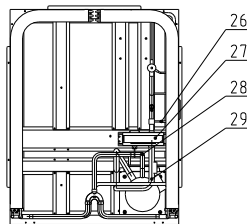
3	SIC-33A-R2-A-ALL-03	Outer frame combination	Assembly	1	
2	SIC-33A-R2-A-ALL-02	Upper frame combination	Assembly	1	
1	SIC-33A-R2-A-ALL-01	Bottom frame combination	Assembly	1	
序号	代号	名称	材质	数量	备注
SIC-33A-R2		图号	比例 1:16	数量 1	
机架整体组合		SIC-33A-R2-A-ALL	 材质	组合件	
 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			表面要求	/	
			物料号	/	



				制图		版号		D		标题		图号		比例		数量		1	
				设计		核准				SIC-33A-R2		SIC-33A-R2-B-ALL		1:16		数量		1	
										水系统						材质		组合件	
(D1)		见本图		20250210		校对						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		20190101		物料号		/	



5. The temperature sensing probe also needs to be insulated.



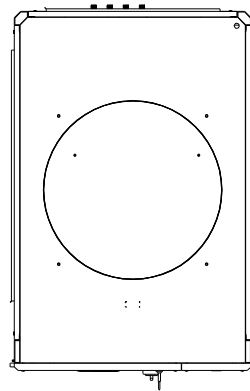
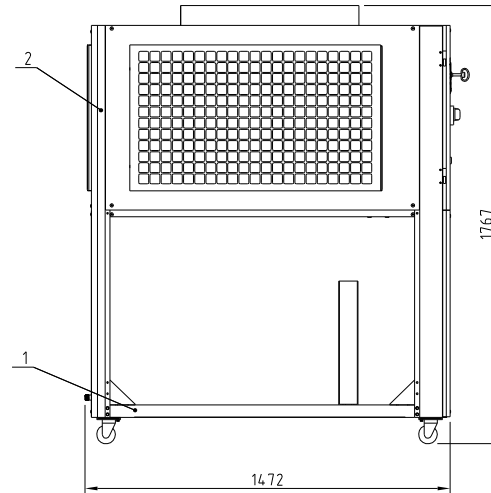
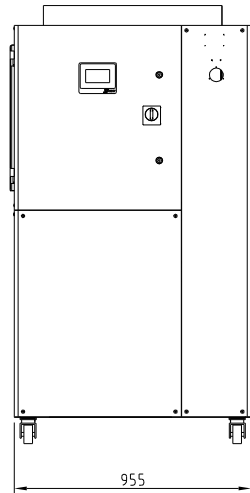
序号	代号	名称	材质	数量	备注
SIC-33A-R2	图号	SIC-33A-R2-C-ALL	比例 1:24	数量 1	
冷媒系统				材质	组合件
 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		表面要求			
		物料号	/		

					制图		版号	0
					设计		核准	
⑪	无	新增紫铜等径直通		20250210	校对			
标记	更改前	更改后	更改人	日期	审核		日期	20190101



信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.

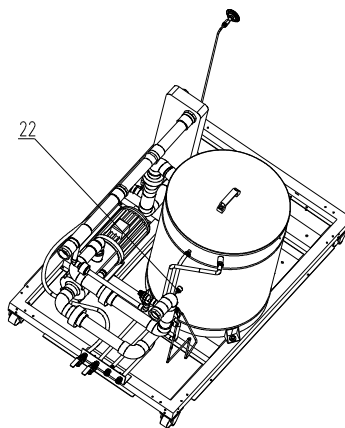
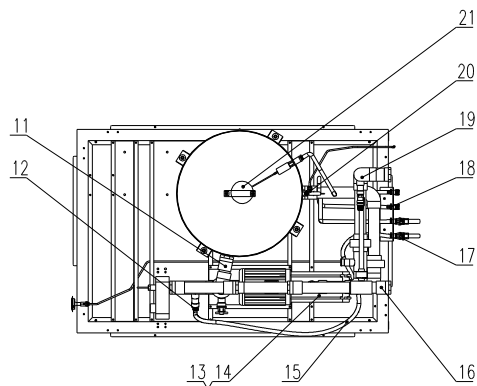
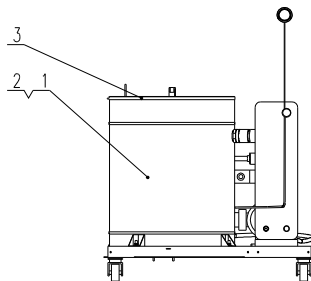
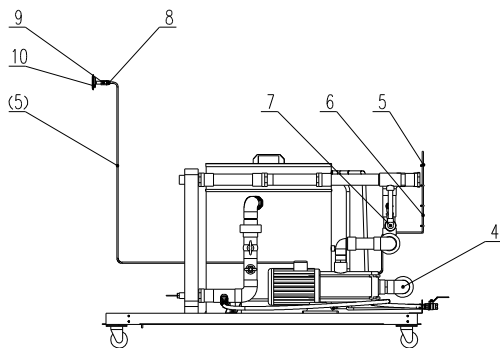
表面要求	/
物料号	/



Technical requirements:

1. Tighten the fastening screws of the components to the standard torque without any looseness;
2. There is no paint peeling or scratching on the surface;

					制图		版号	E	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
①		见本图		20250210	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	信易电热机械股份有限公司	Shini Plastics Technologies, Inc.	物料号		/		



Technical requirements:

1. Wrap the connection between the metal joint and the plastic joint with a sealing tape.
2. Use specialized adhesive for the connection of PVC-U plastic water pipes.
3. After assembly, use water at a pressure of 0.7Mpa for leakage testing, and there should be no leakage.
4. Water pipes and tanks need to be insulated.

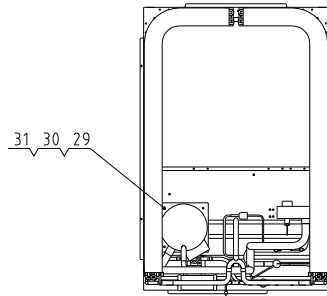
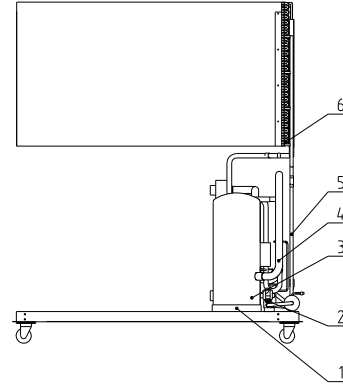
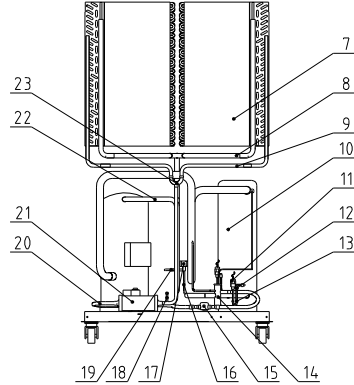
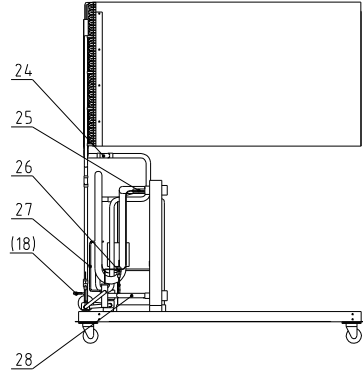
					制图		版号	D	标题	SIC-49A -R2	图号	SIC-49A -R2-B-ALL	比例	1:20	数量	1
					设计		核准		水系统						材质	组合件
⑪	无	见本图		20250210	校对		核准						表面要求		/	
标记	更改前	更改后	更改人	日期	审核		日期	20190301					物料号		/	

22	YE90001600000	High metal plastic ball float liquid switch kit	Assembly	1	Option
21	YW59010200000	Float switch copper 1/2"	Assembly	1	
20	YW52010400000	Stainless steel tee 1/4"	Assembly	1	
19	SIC-49A-R2-B-05	Water pump outlet pipe combination	Assembly	1	
18	YW02182900000	Stainless steel tube bundle (10-20)	SUS303	8	
17	YW50001208200	Copper ball valve 1/2 inch (inner 6-turn)	Assembly	2	
16	SIC-49A-R2-B-02	Return pipe combination	Assembly	1	
15	YR60051000000	Inner diameter of steel wire roller hose 100*100	Assembly	4	
14	YM21850300100	Nan Yuan Water Pump SHP8-50	Assembly	1	High pressure use
13	YM21840300100	Nan Yuan Water Pump SHP8-40	Assembly	1	Medium pressure use
12	BH12121600010	Copper plug 1/2"	H58	3	
11	SIC-49A-R2-B-03	Plate replacement water pipe combination	Assembly	1	
10	YW85001000100	Pressure gauge 4-10MPa (water pressure gauge)	Assembly	1	
9	YW80061400200	L-type quick track seal connector	Assembly	3	
8	BH12060701710	1/4 inch PT to 1/4 inch II connector	H58	1	
7	SIC-49A-R2-B-09	Bypass combination of outlet pipe	Assembly	1	
6	YR60620000100	Transparent rubber hose	PE	1.5	
5	YR90000022000	ribbon	Plastic	3	
4	SIC-49A-R2-B-04	Pump suction pipe combination	Assembly	1	
3	SIC-49A-R2-B-08	Water tank cover	SUS304	1	
2	YP60101040000	Rubber insulation cotton		2	
1	SIC-49A-R2-B-07	Water tank body	Assembly	1	

序号	代 号	名 称	材 质	数 量	备 注
SIC-49A -R2		图号 SIC-49A -R2-B-ALL	比例 1:20	数 量	1
水系统				材 质	组 合 件
			表面要求	/	
		信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	物料号	/	



信易电热机械股份有限公司
Shini Plastics Technologies, Inc.



Technical requirements:

1. It is recommended that welding rods for copper and stainless steel contain at least 20% silver, and welding rods for copper and copper welding contain 5% silver. The installation of each component should be firm and aesthetically pleasing. Higher welding skills are required when using low phosphorus welding rods;
2. Anti oxidation protection is required during welding. After welding, there should be no ash or foreign objects in the pipeline system, and the weld joint should be smooth; After assembly, the refrigerant system was filled with 3.2MPa nitrogen gas to maintain pressure, and the pressure gauge reading remained unchanged for 10 hours.
4. Copper pipes and evaporator surfaces in the low-temperature section need to be wrapped with insulation cotton.
5. The temperature sensing probe also needs to be insulated.

31	YW66082200100	Large panel C-gate Q/750 (L 424x4)	140HV	4	
30	YW65008000100	Standard spring washer Q/750 8	65Mn	4	
29	YW60085000000	Hexagonal head bolt Q/750 M6x8-L8	4.8	4	
28	SIC-49A-R2-C-10	Expansion valve outlet pipe	TP2M	1	
27	YS30063500000	Expansion valve pressure equalization pipe	TP2M	0.5	
26	YE15200300400	Steel ball 1/8 inch 304 in power transfer F10	Structural parts	1	
25	This figure	thermometer bulb	Assembly	1	
24	YW05000700800	Copper tee Y-shaped 7 points	TP2Y	1	
23	YW05000500900	Copper tee Y-shaped 5-point	TP2Y	1	
22	SIC-49A-R2-C-05	Compressor exhaust pipe	TP2M	1	
21	YW85030500100	Drying filter EK306S	Assembly	1	
20	SIC-49A-R2-C-09	Filter outlet pipe	TP2M	1	
19	SIC-49A-R2-C-11	Bypass valve inlet pipe	TP2M	1	
18	YS30063500000	Soft copper tube with a diameter of 1/8 inch	TP2M	0.5	
17	YE90062402100	Bypass solenoid valve RPP-0402	Assembly	1	
16	SIC-49A-R2-C-12	Bypass valve outlet pipe	TP2M	1	
15	YW85001500100	Vision Mirror FMT-11T5	Assembly	1	Option
14	YW85125800000	Expansion valve 1/8 inch 304 in 1/8 inch	Assembly	1	
13	YW59001400600	Copper Y-shaped connector 1/4 inch	TP2Y	2	
12	YW85010400300	Liquid line needle valve 1/4 inch (for RNM)	Assembly	4	
11	YE15200500400	Steel ball 1/8 inch 304 in power transfer F10	Structural parts	1	
10	YW87490100000	Plate evaporator SIC-49A-R2-C-01	Assembly	1	
9	SIC-49A-R2-C-07	Left and right condenser outlet pipes	TP2M	1	
8	SIC-49A-R2-C-06	Left and right condenser intake pipes	TP2M	1	
7	SIC-49A-R2-C-03	Right condenser	Assembly	1	
6	SIC-49A-R2-C-02	Left condenser	Assembly	1	
5	SIC-49A-R2-C-08	Filter inlet pipe	TP2M	1	
4	SIC-49A-R2-C-04	Compressor return pipe	TP2M	1	
3	YM70018200000	Grain Wheel Compressor 718002-TD	Assembly	1	
2	YE90207500500	Liquid tube solenoid valve 20002750	Assembly	1	Option
1	YE90715202500	Crankcase heating band	Assembly	1	

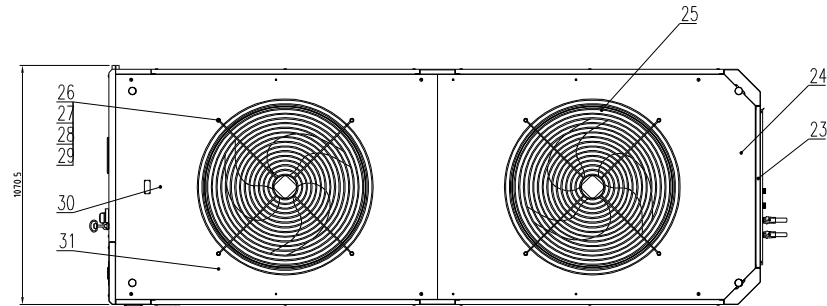
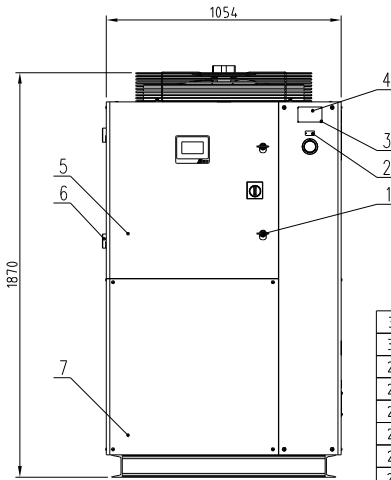
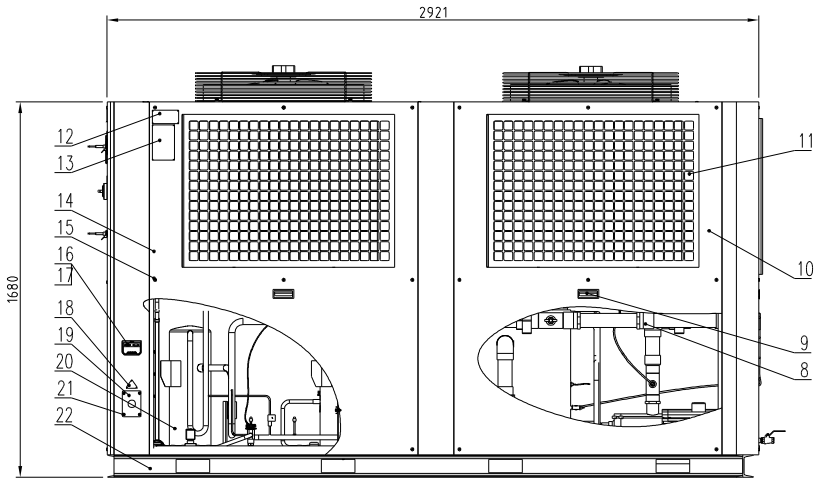
序号	代 号	名 称	材 质	数 量	备 注
	SIC-49A-R2	图号	比例 1:22	数量	1
	冷媒系统	SIC-49A-R2-C-ALL	材质	组合件	
		表面要求		/	
		物料号		/	

				制图		版号	F	标题	SIC-49A-R2	图号	SIC-49A-R2-C-ALL	比例	1:22	数量	1
				设计		核									
(F1)		见本图	20250210	校对		准									
标记	更改前	更改后	更改人	日期	审核	日期	20190301								



信易电热机械股份有限公司
Shini Plastics Technologies, Inc.

Cooling capacity/water outlet temp. 7(℃)	Cooling capacity/water outlet temp. 10(℃)	Cooling capacity/water outlet temp. 15(℃)	Total power(inlet/high pressure)	Chilled water inlet(inch)	Chilled water outlet(inch)	Drainage outlet(inch)	Water tank refill port (inch)	Flow rate of chilled water(L/min)	Water tank capacity(L)	Weight(kg)	Var.
52kw	56kw	66kw	21.4/22.4kw	Rc2	Rc2	Rc1/2	Rc1/2	189.2	137	910	B



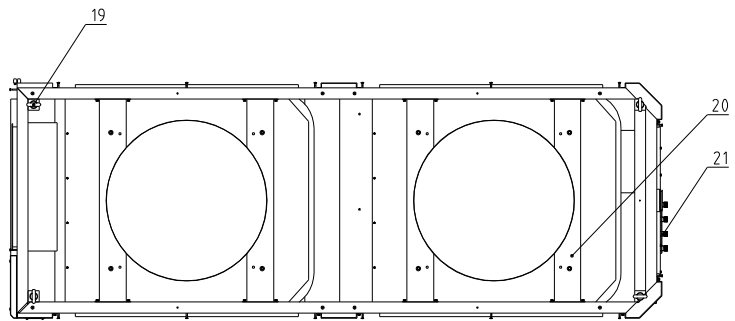
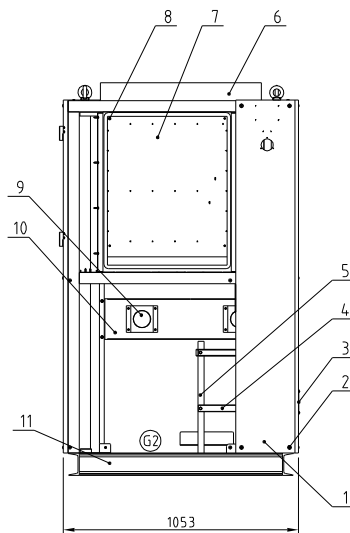
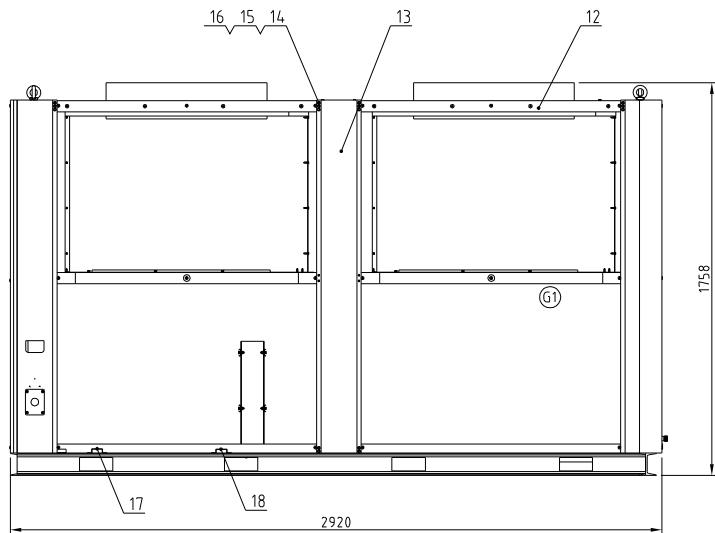
Technical requirements:

1. Tighten the fastening screws of the components to the standard torque without any looseness;
2. There is no paint peeling or scratching on the surface;
3. The panel equipment is easy to disassemble, without interference or jamming.

31	SIC-66A-R2-ALL-06	front top plate	SPCC15	1	
30	YP304.32000000	Fan direction label	2024	1	
29	YW64001000100	Hexagonal nut M10	4.0	4	
28	YW66102000100	Flat washer 11 * 20 * 2	14.0HV	4	
27	YW65010000000	Standard spring washer 10	65Mn	4	
26	YW60102500000	Hexagonal head bolt M10 * 35	12.9	4	
25	YM60671000600	Fan A6D710S-7DM-YW04	Assembly	2	
24	SIC-66A-R2-ALL-07	Rear roof panel	SPCC15	1	
23	SIC-66A-R2-ALL-04	Rear panel combination	SPCC15	1	
22	SIC-66A-R2-A-ALL	Overall combination of rack	Assembly	1	
21	YW62051000100	Cross groove flat head screw M10	4.8	4	
20	SIC-66A-R2-C-ALL	Refrigerant system	Assembly	1	
19	BL50290000020	Line fixture fixing plate P29	SPCC15	1	
18	YP31051650000	Triangular power supply 3 * 40W	Structural parts	1	
17	YR40048500000	Shell RS485 0 version	Assembly	1	
16	YE90048501200	Communication interface board 5-485	Assembly	1	
15	YW62063500000	Large flat head screw M6 * 35	4.8	46	
14	SIC-66A-R2-ALL-02	Right front side panel combination	SPCC15	1	
13	YP311158000400	Chain belt for roller windows and roller	Structural parts	1	
12	YP310186000000	Attention label	Structural parts	1	
11	SIC-66A-R2-ALL-01/02	Side dust screen	PA66	4	
10	SIC-66A-R2-ALL-03	Right rear side panel combination	SPCC15	3	
9	YR40914040000	Plastic trapezoidal handle 90 * 40	Assembly	5	
8	SIC-66A-R2-B-ALL	WATER SYSTEM	Assembly	1	
7	SIC-98A-R2-ALL-02	Front lower panel	SPCC15	1	Borrowed
6	YW06203100400	Large hinge C203-1 (left)	Assembly	2	
5	SIC-98A-R2-ALL-01	Front upper panel	SPCC15	1	Borrowed
4	YP30804900700	Aluminum plate nameplate (small)	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	
序号	代 号	名 称	材 质	数 量	备 注

				制图		版号	I	标题	SIC-66A-R2	图号	SIC-66A-R2-ALL	比例	1:20	数量	1
				设计		核		总装图						材质	组合件
⑪		见本图	20250210	校对		准						表面要求		/	
标记	更改前	更改后	更改人	日期	审核	日期	20210228					物料号		/	

 信易电热机械股份有限公司
Shini Plastics Technologies, Inc.



Technical requirements:

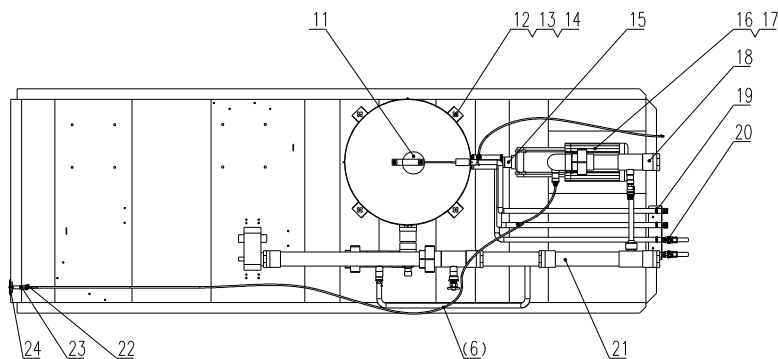
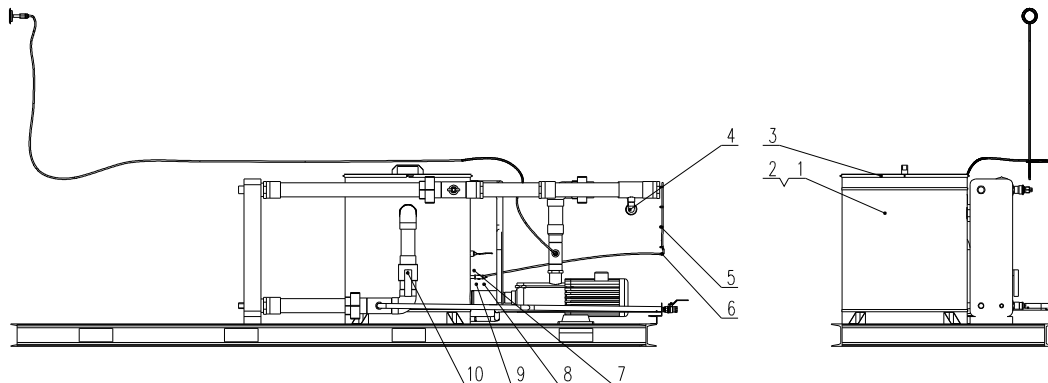
1. Remove burrs and burrs, and blunt edges;
2. Dimensional tolerances not specified shall comply with the requirements of GB/T1804-m;
3. The welding between each sheet metal part is firm.

					制图		版号	G	标题	SIC-66A-R2	图号	SIC-66A-R2-A-ALL	比例	1:20	数量	1
①	无	取消补水口固定板		20250210	设计		核		机架				材质	组合件		
②	无	取消过滤器固定板		20250210	校对		准						表面要求			/
标记	更改前	更改后	更改人	日期	审核		日期	2021028					物料号			/

21	SIC-33A-R2-A-38	Water collector fixing plate	SPCC2.0	1	Borrowed
20	SIC-98A-R2-A-24	Fan fixing beam	SPCC3.0	4	Borrowed
19	SIC-48A-R2-A-19	davit	Q235A	2	Borrowed
18	SIC-66A-R2-A-15	Fixed beam of liquid mirror	SPCC15	2	Option
17	SIC-66A-R2-A-14	Fixed beam of liquid pipe and inlet valve	SPCC15	2	Option
16	YW66061300000	Flat washer Class A Q235 1.6	4.8	20	
15	YW65006000100	Standard spring washer Q235 6	4.8	20	
14	YW60062000100	Hexagonal head bolt Q235 16-20-1.6	4.8	20	
13	SIC-98A-R2-A-05	Right center pillar	SPCC3.0	1	Borrowed
12	SIC-66A-R2-A-03/03	Top right crossbeam	Q235A	1	
11	SIC-66A-R2-A-ALL-01	Rack welding diagram	组合件	1	
10	SIC-98A-R2-A-21	Fixed crossbeam for inlet and outlet pipes	SPCC3.0	1	Borrowed
9	SIC-98A-R2-A-20	Fixed inlet plate for inlet and outlet pipes	SPCC2.0	2	Borrowed
8	SIC-66A-R2-A-09	Electric control box	SPCC15	1	
7	SIC-98A-R2-A-10	Electrical base plate	SECC15	3	Borrowed
6	SIC-66A-R2-A-08	Condenser cover plate	SPCC2.0	2	
5	SIC-66A-R2-A-04	Evaporator fixed groove	SPCC3.0	2	
4	SIC-98A-R2-A-15	Evaporator fixed crossbeam	SPCC15	4	Borrowed
3	BL02010000020	Wire fixture fixing plate Q235 30-50	4.8	1	Borrowed
2	YW62063500000	One group large flat head screw JISB1131 M16x5	4.8	4	
1	SIC-98A-R2-A-01	Meter plate	SPCC15	1	Borrowed
序号	代号	名称	材质	数量	备注



信易电热机械股份有限公司
Shini Plastics Technologies, Inc.



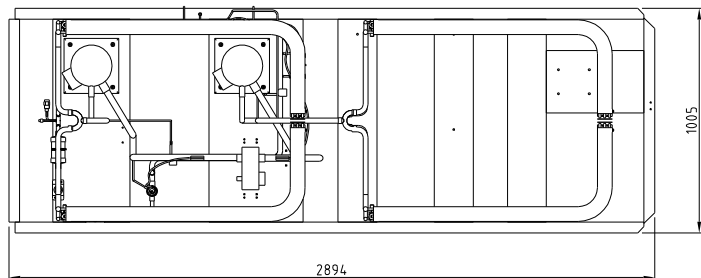
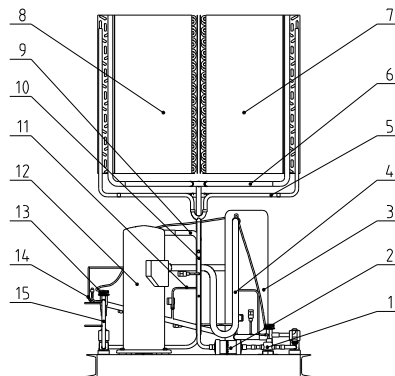
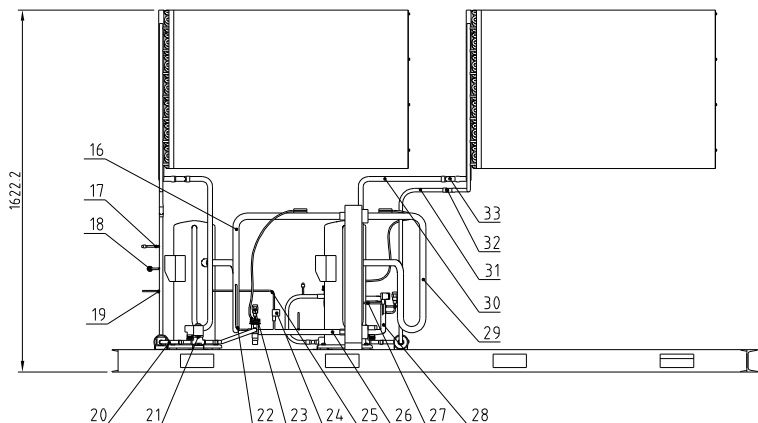
Technical requirements

1. Wrap the connection between the metal joint and the plastic joint with a sealing tape;
2. Use specialized adhesive for the connection of PVC-U plastic water pipes;
3. After assembly, use water at a pressure of 0.7Mpa for leakage testing, and there should be no leakage;
4. Water pipes and tanks need to be insulated.

					制图		版号	E	标题	SIC-66A-R2	图号	SIC-66A-R2-B-ALL	比例	1:20	数量	1
					设计		核准			水系统					材质	组合件
(E1)	无	见本图		20250210	校对		核准						表面要求			/
标记	更改前	更改后	更改人	日期	审核		日期	20211028					物料号			/

24	YW85001000100	Frame pipe 1-1/2" (water pressure pipe)	Assembly	1	
23	BH12060701710	1/4 inch PT to 1/4 inch I connector	H58	2	
22	YW80061400200	I-type quick track seal connector	Assembly	2	
21	SIC-66A-R2-B-02	Return pipe combination	Assembly	1	
20	YW50001208200	Copper ball valve 1/2 inch (inner 1/4 inch)	Assembly	2	
19	YW02182900000	Stainless steel tube bundle (18-28)	SUS303	8	
18	SIC-66A-R2-B-05	Water outlet pipe combination	Assembly	1	
17	YM21125000300	Non-Yuan Water Pump SHP12-50	Assembly	1	High pressure use
16	YM21124000600	Non-Yuan Water Pump SHP12-40	Assembly	1	Medium pressure use
15	SIC-66A-R2-B-04	Suction pipe plug	SUS304	1	
14	YW66082200100	Large gasket C-grade 8.4 Decromet	4.8	8	
13	YW65008000100	Standard spring washer 8	4.8	8	
12	YW60082000200	Hexagonal head bolt M8 x 20 Decromet	4.8	8	
11	YW59010200000	Float switch copper 1/2"	Assembly	1	
10	SIC-66A-R2-B-03	Plate replacement water pipe combination	Assembly	1	
9	YW52010400000	Stainless steel tee 1/4"	Assembly	1	
8	YE90001400700	Temperature sensing probe with 1/2" G1/2"	Assembly	2	
7	YE90001600000	High-melting plastic ball valve liquid level switch 1/2"	Assembly	1	Option
6	YR60620000100	Transparent rubber hose	Assembly	1	
5	YR90000022000	ribbon	Plastic	3	
4	SIC-66A-R2-B-06	Bypass combination of outlet pipe	Assembly	1	
3	SIC-49A-R2-B-08	Water tank cover	SUS304	1	Borrowed
2	YP60101040000	Rubber insulation cotton	Assembly	3	
1	SIC-98A-R2-B-06	Water tank body	Assembly	1	Borrowed
序号	代号	名称	材质	数量	备注





Technical requirements:

- It is recommended that welding rods for copper and stainless steel contain at least 20% silver, and welding rods for copper and copper welding contain 5% silver. The installation of each component should be firm and aesthetically pleasing.
- Higher welding skills are required when using low phosphorus welding rods.
- Anti oxidation protection is required during welding. After welding, there should be no ash or foreign objects in the pipeline system, and the weld joint should be smooth.
- After assembly, the refrigerant system was filled with 3.2MPa nitrogen gas to maintain pressure, and the pressure gauge reading remained unchanged for 10 hours.
- Copper pipes and evaporator surfaces in the low-temperature section need to be wrapped with insulation cotton.
- The temperature sensing probe also needs to be insulated.

33	YW05000700800	Y-shaped three-way seven point	Assembly	2	
32	YW05000500900	Y-shaped three-way five point	Assembly	2	
31	SIC-66A-R2-C-14	Rear filter inlet pipe	TP2M	1	
30	SIC-66A-R2-C-11	Rear compressor exhaust pipe	TP2M	1	
29	SIC-66A-R2-C-12	Rear compressor return pipe	TP2M	1	
28	SIC-66A-R2-C-15	Rear expansion valve outlet pipe	TP2M	1	
27	YW51635000100	Upward rear right leg in front of the oil filter	TP2M	2	
26	SIC-66A-R2-C-08	Front expansion valve outlet pipe	TP2M	1	
25	SIC-66A-R2-C-10	Front compressor bypass pipe	TP2M	1	
24	YE90042402100	Bypass solenoid valve P3P-4A	Assembly	2	AC24V
23	YE15200300400	Metal end Ø10 in 3/8" copper tube (for R410A)	Structural parts	2	
22	SIC-66A-R2-C-09	Front compressor balance pipe	TP2M	1	
21	YE90207500500	Liquid tube solenoid valve 200B750	Assembly	2	AC24V Option
20	SIC-66A-R2-C-07	Front expansion valve inlet pipe	TP2M	1	
19	YS30063500000	Ø 6 copper tube	TP2M	2	
18	YE15200500400	Metal end Ø10 in 3/8" copper tube (for R410A)	Structural parts	2	
17	YW85010400300	Liquid tube solenoid valve 1/4 in (for R410A)	Assembly	4	
16	SIC-66A-R2-C-03	Front compressor return pipe	TP2M	1	
15	SIC-66A-R2-C-14	Rear expansion valve inlet pipe	Assembly	1	
14	SIC-66A-R2-C-16	Rear compressor balancing pipe	TP2M	1	
13	YW85712500000	Expansion valve BAE 7	Assembly	2	
12	YM70018200000	Grain Metal Compressor 7/12002-110	Assembly	2	
11	SIC-66A-R2-C-17	Rear compressor bypass pipe	TP2M	1	
10	SIC-66A-R2-C-06	Front filter inlet pipe	TP2M	1	
9	SIC-66A-R2-C-02	Front compressor exhaust pipe	TP2M	1	
8	SIC-33A-R2-C-02	Left finned condenser	Assembly	2	Borrowed
7	SIC-33A-R2-C-03	Right finned condenser	Assembly	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 pipe	TP2M	1	
3	SIC-66A-R2-C-01	Plate evaporator SIC-66A-R2-C-01	Assembly	1	
2	YW85016500100	Drying filter BK165S	Assembly	2	
1	YW85001500100	Sight glass FMI-1TT5	Assembly	1	Option

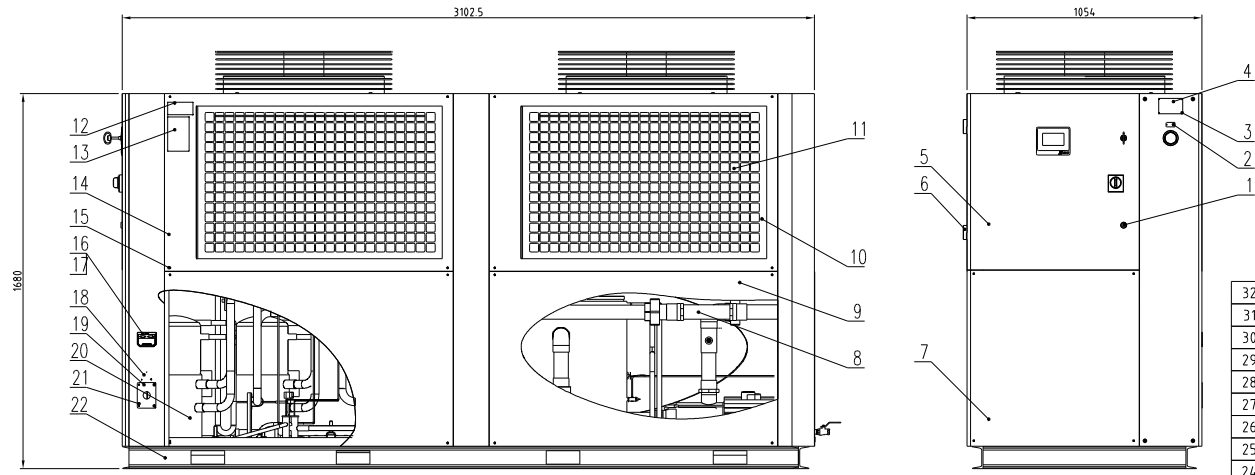
序号	代号	名称	材质	数量	备注
33	YW05000700800	Y-shaped three-way seven point	Assembly	2	
32	YW05000500900	Y-shaped three-way five point	Assembly	2	
31	SIC-66A-R2-C-14	Rear filter inlet pipe	TP2M	1	
30	SIC-66A-R2-C-11	Rear compressor exhaust pipe	TP2M	1	
29	SIC-66A-R2-C-12	Rear compressor return pipe	TP2M	1	
28	SIC-66A-R2-C-15	Rear expansion valve outlet pipe	TP2M	1	
27	YW51635000100	Upward rear right leg in front of the oil filter	TP2M	2	
26	SIC-66A-R2-C-08	Front expansion valve outlet pipe	TP2M	1	
25	SIC-66A-R2-C-10	Front compressor bypass pipe	TP2M	1	
24	YE90042402100	Bypass solenoid valve P3P-4A	Assembly	2	AC24V
23	YE15200300400	Metal end Ø10 in 3/8" copper tube (for R410A)	Structural parts	2	
22	SIC-66A-R2-C-09	Front compressor balance pipe	TP2M	1	
21	YE90207500500	Liquid tube solenoid valve 200B750	Assembly	2	AC24V Option
20	SIC-66A-R2-C-07	Front expansion valve inlet pipe	TP2M	1	
19	YS30063500000	Ø 6 copper tube	TP2M	2	
18	YE15200500400	Metal end Ø10 in 3/8" copper tube (for R410A)	Structural parts	2	
17	YW85010400300	Liquid tube solenoid valve 1/4 in (for R410A)	Assembly	4	
16	SIC-66A-R2-C-03	Front compressor return pipe	TP2M	1	
15	SIC-66A-R2-C-14	Rear expansion valve inlet pipe	Assembly	1	
14	SIC-66A-R2-C-16	Rear compressor balancing pipe	TP2M	1	
13	YW85712500000	Expansion valve BAE 7	Assembly	2	
12	YM70018200000	Grain Metal Compressor 7/12002-110	Assembly	2	
11	SIC-66A-R2-C-17	Rear compressor bypass pipe	TP2M	1	
10	SIC-66A-R2-C-06	Front filter inlet pipe	TP2M	1	
9	SIC-66A-R2-C-02	Front compressor exhaust pipe	TP2M	1	
8	SIC-33A-R2-C-02	Left finned condenser	Assembly	2	Borrowed
7	SIC-33A-R2-C-03	Right finned condenser	Assembly	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 pipe	TP2M	1	
3	SIC-66A-R2-C-01	Plate evaporator SIC-66A-R2-C-01	Assembly	1	
2	YW85016500100	Drying filter BK165S	Assembly	2	
1	YW85001500100	Sight glass FMI-1TT5	Assembly	1	Option



信易电热机械股份有限公司
Shini Plastics Technologies, Inc.

表面要求 /
物料号 /

Cooling capacity/water outlet temp. T(℃)	Cooling capacity/water outlet temp. 10(℃)	Cooling capacity/water outlet temp. 15(℃)	Total power/middle/high pressure	Chilled water inlet/psi(℃)	Chilled water outlet/psi(℃)	Drainage outlet/psi(℃)	Water tank refill port psi(℃)	Flow rate of chilled water(L/min)	Water tank capacity(L)	Weight(kg)	Ver.
77kw	87kw	98kw	29.1/30.1kw	Rc2	Rc2	Rc1/2	Rc1/2	281	137	1110	B



32	SIC-98A-R2-ALL-10	front top plate	SPCC15	1	
31	YP304.32000000	Fan direction label	2024	1	
30	YW64.001000100	Hexagonal nut M10	4.0	4	
29	YW66102000100	Flat washer 11 * 20 * 2	14.0HV	4	
28	YW65010000000	Standard spring washer 10	65Mn	4	
27	YW60102500000	Hexagonal head bolt M10 * 35	12.9	4	
26	YM60671000600	Fan A6D710S-7DM-VW04	Assembly	2	
25	SIC-98A-R2-ALL-11	Rear roof panel	SPCC15	1	
24	SIC-98A-R2-ALL-07	Lower back plate	SPCC15	1	
23	SIC-98A-R2-ALL-06	Upper and rear panel combination	SPCC15	1	
22	SIC-98A-R2-A-ALL	Overall combination of rack	Assembly	1	
21	YW62051000100	Cross groove flat head screw M10	4.8	4	
20	SIC-98A-R2-C-ALL	Refrigerant system	Assembly	1	
19	BL50290000020	Line fixture fixing plate P29	SPCC15	1	
18	YP31051650000	Triangular power supply 3 * 40W	Structural parts	1	
17	YR40048500000	Shell RS485 0 version	Assembly	1	
16	YE90048501200	Communication interface board S-485	Assembly	1	
15	YW62063500000	Large flat head screw M6 * 35	4.8	46	
14	SIC-98A-R2-ALL-03	Upper panel combination 1	SPCC15	1	
13	YP31115800400	Warning plate label for the minimum oil level	Structural parts	1	
12	YP31018600000	Attention label	Structural parts	1	
11	SIC-98A-R2-ALL-08	Side dust screen	PA66	4	
10	SIC-98A-R2-ALL-04	Upper panel combination 2	SPCC15	3	
9	SIC-98A-R2-ALL-05	Lower side 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 hinge C203-1 (left)	Assembly	2	
5	SIC-98A-R2-ALL-01	Front upper panel	SPCC15	1	
4	YP30804900700	Warning plate label for the panel on the top	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	

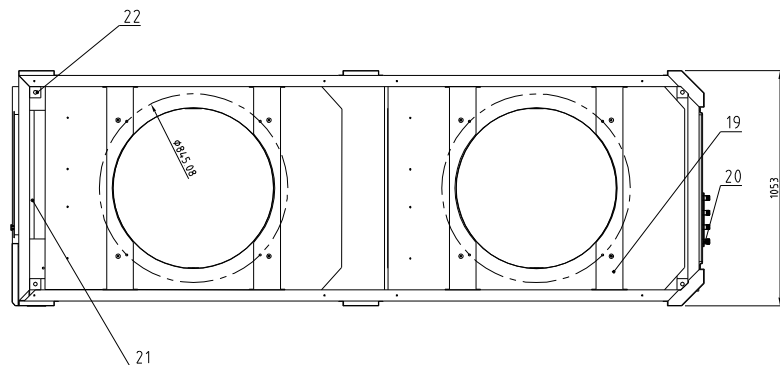
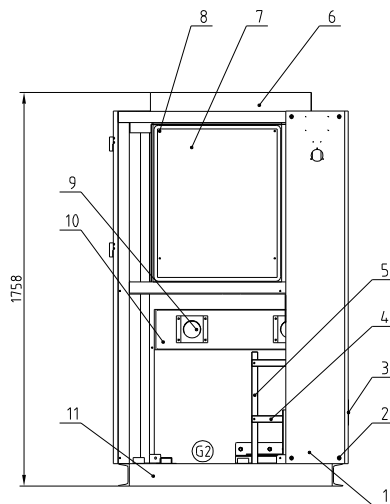
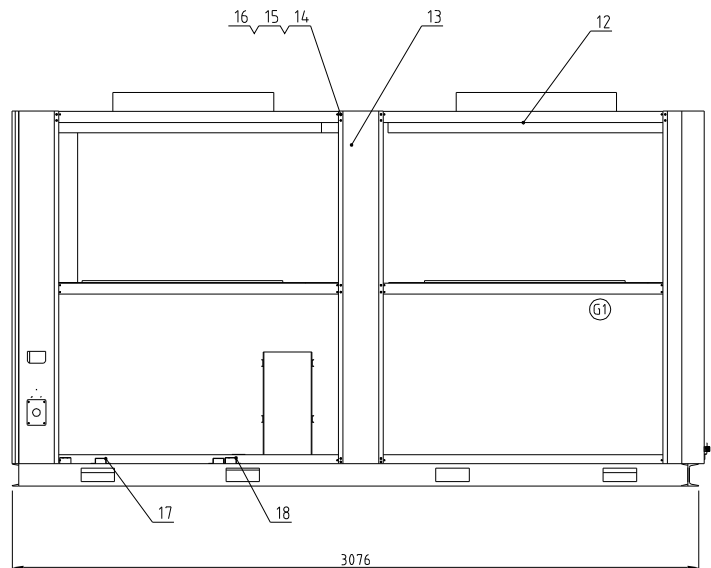
序号	代 号	名 称	材 质	数 量	备 注
	SIC-98A-R2	图号	比例 1:20	数量 1	
	总装图	SIC-98A-R2-ALL	材质 组合件		
		表面要求		/	
		物料号		/	

Technical requirements:
1. Tighten the fastening screws of the components to the standard torque without any looseness;
2. There is no paint peeling or scratching on the surface;
3. The panel equipment is easy to disassemble, without interference or jamming.

				制图		版号	I	标题	SIC-98A-R2	图号	SIC-98A-R2-ALL
				设计		核					
⑪		见本图	20250210	校对		准					
标记	更改前	更改后	更改人	日期	审核	日期	20211028				



信易电热机械股份有限公司
Shini Plastics Technologies, Inc.



Technical requirements:

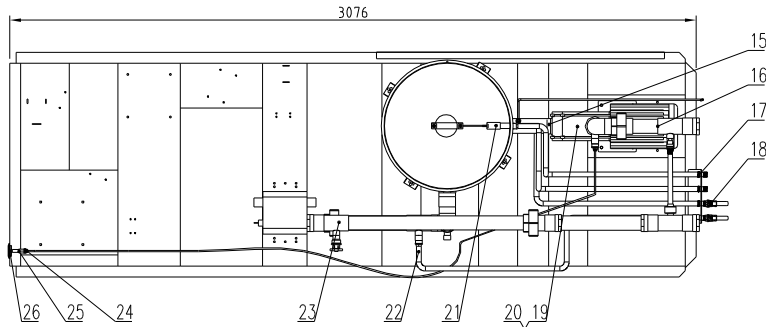
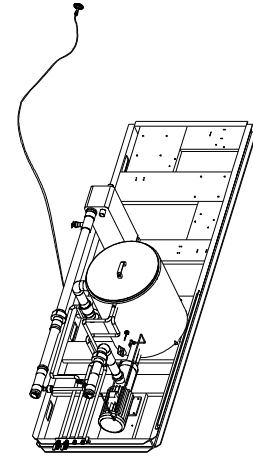
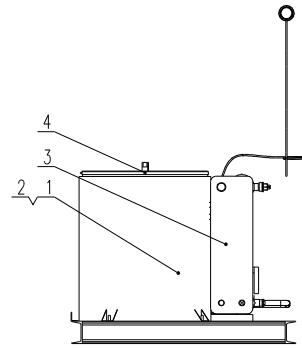
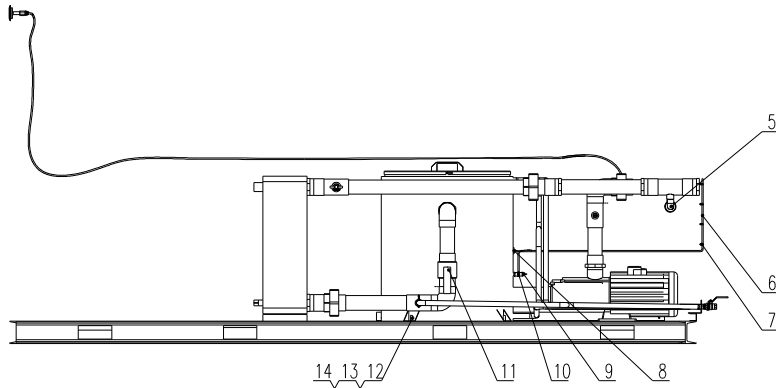
1. Tighten the fastening screws of the components to the standard torque without any looseness;
2. There is no paint peeling or scratching on the surface;
3. The panel equipment is easy to disassemble, without interference or jamming.

22	SIC-48A-R2-A-19	davit	Q235A	2	Borrowed
21	SIC-98A-R2-A-19	Electric control box fixing block	SPCC2.0	1	
20	SIC-33A-R2-A-38	Water collector fixing plate	SPCC2.0	1	Borrowed
19	SIC-98A-R2-A-24	Fan fixing beam	SPCC3.0	4	
18	SIC-98A-R2-A-31	Support block	SPCC1.5	2	Option
17	SIC-98A-R2-A-32	Fixed beam of liquid mirror	SPCC1.5	2	Option
16	YW66061300000	Flat washer Class A GB/T97.1 6	4.8	20	
15	YW65006000100	Standard spring washer GB/T93 6	4.8	20	
14	YW60062000100	Hexagonal head bolt GB/T5781 M6-20-4.8	4.8	20	
13	SIC-98A-R2-A-05	Right center pillar	SPCC3.0	1	
12	SIC-98A-R2-A-23	Top right crossbeam	Q235A	1	
11	SIC-98A-R2-A-ALL-01	Rack welding diagram	Assembly	1	
10	SIC-98A-R2-A-21	Fixed crossbeam for inlet and outlet pipes	SPCC3.0	1	
9	SIC-98A-R2-A-20	Fixed fixed plate for inlet and outlet pipes	SPCC2.0	2	
8	SIC-98A-R2-A-09	Electric control box	SPCC1.5	1	
7	SIC-98A-R2-A-10	Electrical base plate	SECC1.5	1	
6	SIC-98A-R2-A-27	Condenser cover plate	SPCC2.0	2	
5	SIC-98A-R2-A-14	Evaporator fixed groove	SPCC3.0	2	
4	SIC-98A-R2-A-15	Evaporator fixed crossbeam	SPCC1.5	4	
3	BL02010000020	Wire fixture fixing plate GB 30-6-01	4.8	1	
2	YW62063500000	Cross groove large flat head screw JB3101	4.8	4	
1	SIC-98A-R2-A-01	Meter plate	SPCC1.5	1	
序号	代 号	名 称	材 质	数 量	备 注

					制图		版号	G	标题	SIC-98A-R2	图号	SIC-98A-R2-A-ALL	比例	1:20	数量	1	
②	无	取消补水口固定板		20250210	设计		核			机架							
①	叠片式过滤器2寸	取消		20250210	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			/	
													物料号			/	



信易电热机械股份有限公司
Shini Plastics Technologies, Inc.



Technical requirements:

1. Wrap the connection between the metal joint and the plastic joint with a sealing tape;
2. Use specialized adhesive for the connection of PVC-U plastic water pipes;
3. After assembly, use water at a pressure of 0.7Mpa for leakage testing, and there should be no leakage;
4. Water pipes and tanks need to be insulated

26	YW800614-00200	L-type quick tracheal connector	Assembly	2	
25	BH12060701710	1/4 inch PT to 1/4 inch I connector	H58	2	
24	YW85001000100	Frame gage 1-1/8" (water pressure gage)	Assembly	1	
23	SIC-98A-R2-B-02	Return pipe combination	Assembly	1	
22	YR60051000000	Inner diameter of steel wire roller bar 100*100	Assembly	7M	
21	YW59010200000	Float switch copper 1/2"	Assembly	1	
20	YM21164-0004-00	Non-Yuan Water Pump SIF16-40	Assembly	1	High pressure use
19	YM211630014-00	Non-Yuan Water Pump SIF16-30	Assembly	1	Medium pressure use
18	YW50001208200	Copper ball valve 1/2 inch (bar 1-inch)	Assembly	2	
17	YW02182900000	Stainless steel tube handle (18-20)	SUS303	8	
16	SIC-98A-R2-B-05	Water outlet pipe combination	Assembly	1	
15	SIC-98A-R2-B-04	Suction pipe plug	SUS304	1	
14	YW66082200100	Large gasket C-grade 8.4 Decromet		4.8	8
13	YW65008000100	Standard spring washer 8		4.8	8
12	YW60082000200	Hexagonal head bolt M8*20 Decromet		4.8	8
11	SIC-98A-R2-B-03	Plate replacement water pipe combination	Assembly	1	
10	YW520104-00000	Stainless steel tee 1/4"	Assembly	1	
9	YE900014-00700	Insulation using poly with a diameter of 11.05	Assembly	2	
8	YE90001600000	Side mount plastic ball ball liquid level switch 10	Assembly	1	Option
7	YR90000022000	ribbon	Plastic	4	
6	YR60620000100	Transparent rubber hose	PE	1.5	
5	SIC-66A-R2-B-06	Bypass combination of outlet pipe	Assembly	1	Borrowed
4	SIC-49A-R2-B-08	Water tank cover	SUS304	1	Borrowed
3	YW87980106000	Evaporator HW.95D - (18*18) D	SUS316L	1	
2	YP6010104-00000	Rubber insulation cotton	Assembly	3	
1	SIC-98A-R2-B-07	Water tank body	Assembly	1	

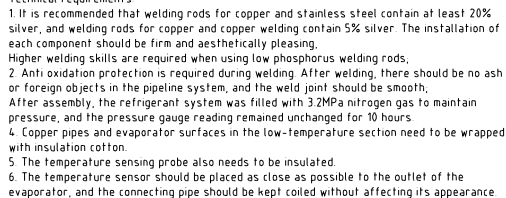
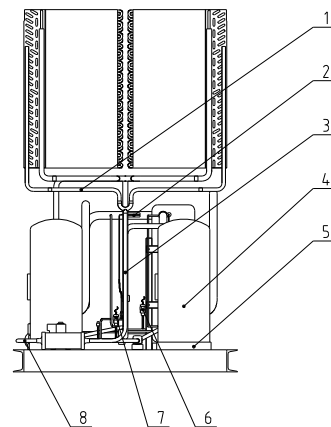
序号	代 号	名 称	材 质	数 量	备 注
26	YW800614-00200	L-type quick tracheal connector	Assembly	2	
25	BH12060701710	1/4 inch PT to 1/4 inch I connector	H58	2	
24	YW85001000100	Frame gage 1-1/8" (water pressure gage)	Assembly	1	
23	SIC-98A-R2-B-02	Return pipe combination	Assembly	1	
22	YR60051000000	Inner diameter of steel wire roller bar 100*100	Assembly	7M	
21	YW59010200000	Float switch copper 1/2"	Assembly	1	
20	YM21164-0004-00	Non-Yuan Water Pump SIF16-40	Assembly	1	High pressure use
19	YM211630014-00	Non-Yuan Water Pump SIF16-30	Assembly	1	Medium pressure use
18	YW50001208200	Copper ball valve 1/2 inch (bar 1-inch)	Assembly	2	
17	YW02182900000	Stainless steel tube handle (18-20)	SUS303	8	
16	SIC-98A-R2-B-05	Water outlet pipe combination	Assembly	1	
15	SIC-98A-R2-B-04	Suction pipe plug	SUS304	1	
14	YW66082200100	Large gasket C-grade 8.4 Decromet		4.8	8
13	YW65008000100	Standard spring washer 8		4.8	8
12	YW60082000200	Hexagonal head bolt M8*20 Decromet		4.8	8
11	SIC-98A-R2-B-03	Plate replacement water pipe combination	Assembly	1	
10	YW520104-00000	Stainless steel tee 1/4"	Assembly	1	
9	YE900014-00700	Insulation using poly with a diameter of 11.05	Assembly	2	
8	YE90001600000	Side mount plastic ball ball liquid level switch 10	Assembly	1	Option
7	YR90000022000	ribbon	Plastic	4	
6	YR60620000100	Transparent rubber hose	PE	1.5	
5	SIC-66A-R2-B-06	Bypass combination of outlet pipe	Assembly	1	Borrowed
4	SIC-49A-R2-B-08	Water tank cover	SUS304	1	Borrowed
3	YW87980106000	Evaporator HW.95D - (18*18) D	SUS316L	1	
2	YP6010104-00000	Rubber insulation cotton	Assembly	3	
1	SIC-98A-R2-B-07	Water tank body	Assembly	1	

制图	版号	E	标题	图号	比例	1:20	数量	1
设计	核		SIC-98A-R2	SIC-98A-R2-B-ALL				
校对	准		水系统					
审核	日期	20211028						



信易电热机械股份有限公司
Shini Plastics Technologies, Inc.

表面要求 /
物料号 /



					制图		版号	D	标题	SIC-98A-R2	图号		比例	1:20	数量	1
					设计		核		冷媒系统		SIC-98A-R2-C-ALL				材质	组合件
(D1)		见本图		2024.0913	校对		准		 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	20211028					物料号		/	