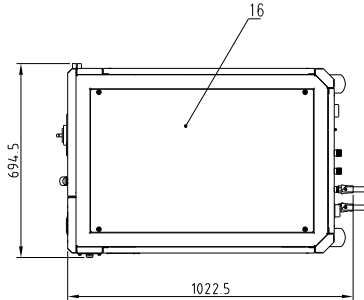
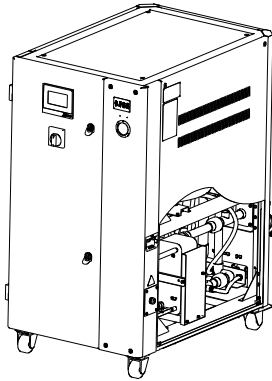
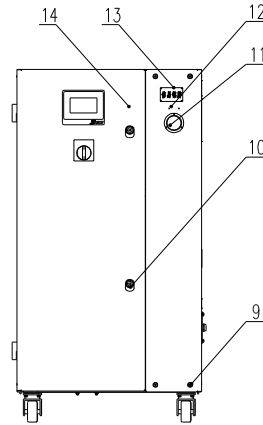
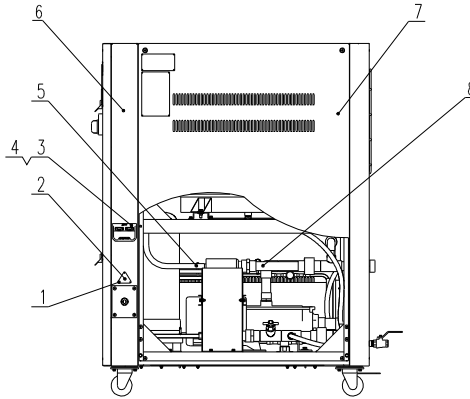
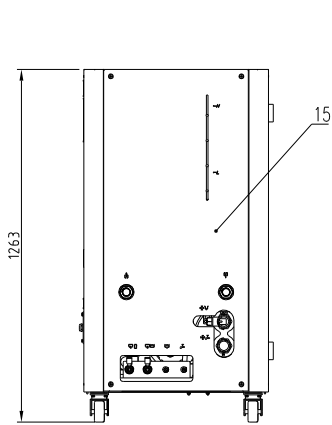


Cooling capacity/water outlet temp. T(°C)	Cooling capacity/water outlet temp. T(°C)	Cooling capacity/water outlet temp. T(°C)	Total power(middle/high pressure)	Cooling water inlet(finch)	Cooling water outlet(finch)	Chilled water inlet inch	Chilled water outlet inch	Drainage outlet(finch)	Water tank refill port (inch)	Cooling water flow L/min	Flow rate of chilled water(L/min)	Water tank capacity(L)	Weight(kg)	Ver.
14kw	15kw	17kw	3.93/4.28kw	Rc15	Rc15	Rc1	Rc1	Rc1/2	Rc1/2	60.9	48.7	80	250	B



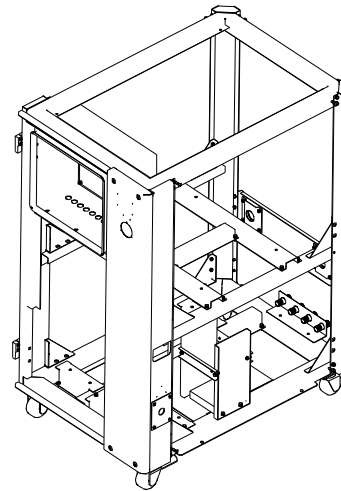
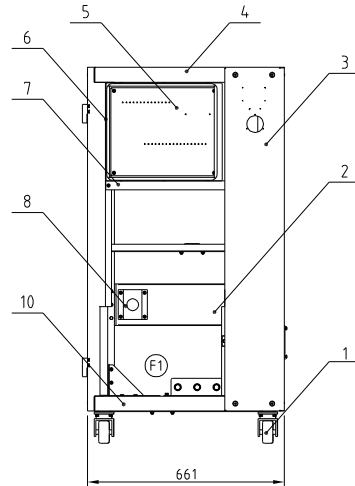
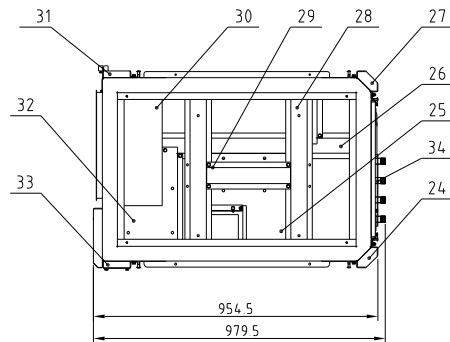
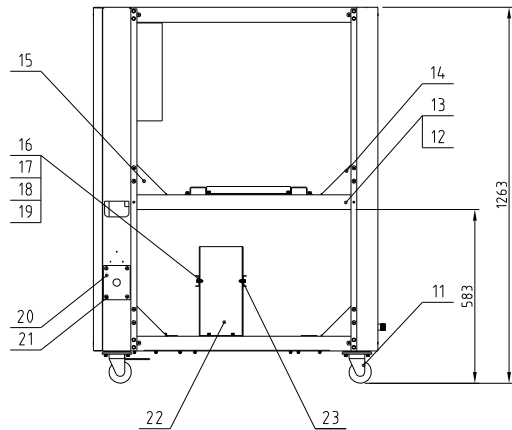
16	SIC-17W-R2-ALL-05	Top plate	SPCC15	1	
15	SIC-17W-R2-ALL-04	Rear panel	SPCC15	1	
14	SIC-17W-R2-ALL-01	Front door panel	SPCC15	1	
13	YP30804900700	Water pressure gauge (aluminum plate label)	2024	1	
12	YP30425000000	Water pressure gauge (aluminum plate label)	2024	1	
11	YW85001000100	Water pressure gauge 0-10KG	2024	1	
10	YW00816100000	Door lock (RSH-1 black attached key)	Assembly	1	
9	YW62063500000	Door hinge (aluminum plate label)	2024	18	
8	SIC-17W-R2-B-ALL	WATER SYSTEM	Assembly	1	
7	SIC-17W-R2-ALL-03	Right side panel	SPCC15	1	
6	SIC-17W-R2-A-ALL	rack	Assembly	1	
5	SIC-17W-R2-C-ALL	Refrigerant system	Assembly	1	
4	YR40048500000	Shell RS485	Assembly	1	
3	YE90048501200	Communication interface board RS-485	Assembly	1	
2	YP31051650000	Triangle power supply 3-phase 400V	2024	1	
1	YW69020500000	Rivet GB/T 827 2x5		18	
序号	代 号	名 称	材 质	数 量	备 注

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 4.2MPa 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.

					制图		版号	G	标题	SIC-17W-R2	图号	SIC-17W-R2-ALL	比例	1:16	数量	1
					设计		核		总装图						材质	组合件
⑥1		见本图		20250207	校对		准									/
标记	更改前	更改后	更改人	日期	审核		日期	20190815					表面要求			/
													物料号			/



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Shini Plastics Technologies, Inc.



34	SIC-33A-R2-A-38	Drainage fixed plate combination	SPCC2.0	1	Borrowed
33	SIC-17W-R2-A-03	Right front pillar	SPCC2.0	1	
32	SIC-17W-R2-A-19	Compressor base plate	SPCC2.0	1	
31	SIC-17W-R2-A-02	Left front column	SPCC2.0	1	
30	SIC-17W-R2-A-18	Condenser support beam	SPCC2.0	2	
29	SIC-17W-R2-A-14	Water tank support beam 2	SPCC2.0	1	
28	SIC-17W-R2-A-13	Water tank support beam 1	SPCC2.0	2	
27	SIC-17W-R2-A-04	Left rear pillar	SPCC2.0	1	
26	SIC-17W-R2-A-17	Bottom middle crossbeam	SPCC2.0	1	
25	SIC-17W-R2-A-20	Pump base plate	SPCC2.0	1	
24	SIC-17W-R2-A-05	Right rear pillar	SPCC2.0	1	
23	SIC-17W-R2-A-22	Plate replacement fixed bracket 2	SPCC2.0	2	
22	SIC-17W-R2-A-21	Plate replacement fixed bracket 1	SPCC2.0	2	
21	YW62051000100	Large cross socket flat head screw JIS111 M5x10	4.8	12	
20	BL50160000120	Wire clamp fixing plate	SPCC2.0	1	
19	YW60062000100	Hexagon head bolt GB/T5781 Mx20	4.8	124	
18	YW65006000100	Standard spring washer GB/T93.4	Mn65	124	
17	YW66061300000	Flat Washer Grade A GB/T97.1.6	14.0hv	150	
16	YW64.000600300	Hexagonal nut GB/T6170 M6	5.0	164	
15	BL08112000020	Triangle board (left) SIC-003	SPCC2.0	5	
14	BL08102100020	Triangle board (right) SIC-004	SPCC2.0	5	
13	SIC-17W-R2-A-11	Left middle crossbeam	SPCC2.0	1	
12	SIC-17W-R2-A-12	Right middle crossbeam	SPCC2.0	1	
11	YW03000300300	Fixed casters 3-inch black	Assembly	2	
10	SIC-17W-R2-A-09	Bottom frame	SPCC2.0	1	
9	SIC-33A-R2-A-39	Water supply pipe fixed plate	SPCC2.0	1	Borrowed
8	SIC-17W-R2-A-16	Fixed plate for inlet and outlet pipes	SPCC2.0	2	
7	SIC-17W-R2-A-08	Front middle crossbeam	SPCC2.0	1	
6	SIC-17W-R2-A-06	Control box	SPCC2.0	1	
5	SIC-17W-R2-A-07	Electrical baseplate	SECC15	1	
4	SIC-17W-R2-A-10	Top frame	SPCC2.0	1	
3	SIC-17W-R2-A-01	Meter plate	SPCC2.0	1	
2	SIC-17W-R2-A-15	Fixed crossbeam for inlet and outlet pipes	SPCC2.0	1	
1	YW03000300000	Actively brake black rubber wheel 3" PP	Assembly	2	
序号	代号	名称	材质	数量	备注

Technical requirements:

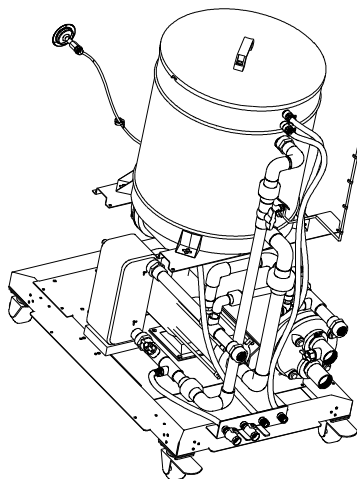
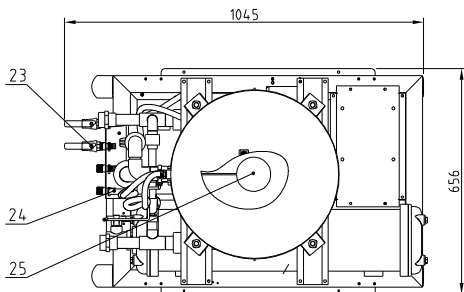
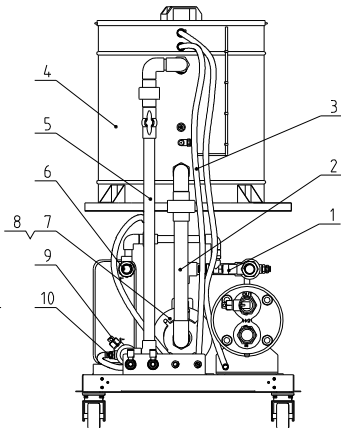
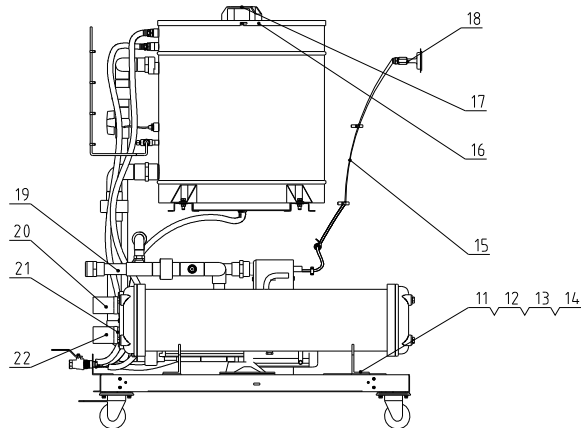
1. Tighten the sheet metal fastening screws to the standard torque without looseness;
2. Each weld seam must be polished flat.

					制图		版号	F	标题	SIC-17W-R2	图号	SIC-17W-R2-A-ALL	比例	1:15	数量	1
(F2)	活动脚轮3寸	固定脚轮3寸		20250207	设计		核准			机架						
(F1)	补水固定板	无		20250207	校对		核准									
标记	更改前	更改后	更改人	日期	审核		日期	20190815								



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表面要求 /
物料号 /



Technical requirements:

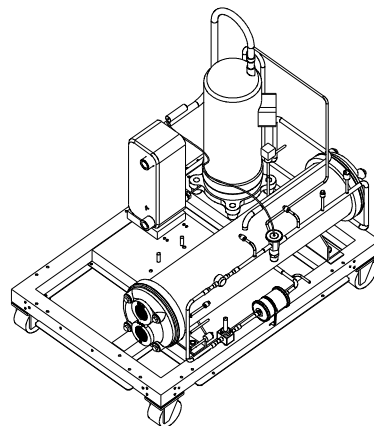
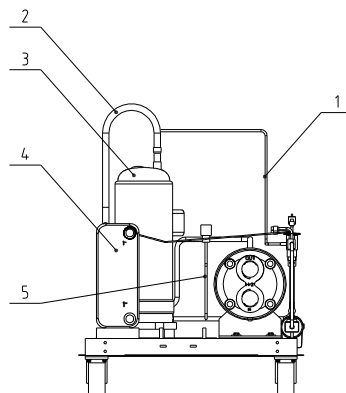
1. Wrap the threaded connection with a sealing tape;
2. The connection of PVC-U plastic water pipes shall use special adhesive glue, and there shall be no leakage within 0.7Mpa;
3. After assembly, water should not be supplied for 24 hours.

25	YW59010200000	Float switch 1/2 "	Assembly	1	
24	YW02182900000	Stainless steel tube handle (18-28)	Assembly	8	
23	YW50001208200	Copper ball valve 1/2 inch (inner 6-tube)	Assembly	3	
22	YW50001501400	Galvanized internal thread straight 1-1/2 "	Q235A	1	
21	YW50001500100	Internal connection of water pipe 1-1/2 " (internal thread)	Q235A	2	
20	YW59010200000	Galvanized water pipe tee 1-1/2 " 184"	Q235A	1	
19	SIC-17W-R2-B-05-01	Water outlet pipe combination	Assembly	1	
18	YW85001000100	water pressure gauge	Assembly	1	
17	BW20012000040	Aluminum square handle 120L	Assembly	1	
16	SIC-17W-R2-B-08-01	Water tank cover	Assembly	1	
15	YR60620000100	Transparent trackbox (200/4/roll)	Assembly	2M	
14	YW60082500100	Hexagonal head bolt GB/T6170 M6 * 25	4.8	8	
13	YW65008000100	Standard spring washer GB/T93 8	Mn65	8	
12	YW66082200100	Large gasket C-grade GB/T96 8	14.0Hv	16	
11	YW64080600000	Hexagonal Nut GB/T6170 M8	5.0	8	
10	YW02000400000	Stainless steel tube handle 4-inch	Assembly	2	
9	YW85043600000	Flow switch: SEN-BP43W	Assembly	2	
8	YM21450300400	Yen Yuan Water Pump SEP4-50	Assembly	1	High pressure use
7	YM21440300600	Yen Yuan Water Pump SEP4-40	Assembly	1	Medium pressure use
6	SIC-17W-R2-B-02-01	Return pipe combination	PVC-U	1	
5	SIC-17W-R2-B-03-01	Plate replacement water pipe combination	PVC-U	1	
4	SIC-17W-R2-B-07-01	Water tank body	PVC-U	1	
3	YR60051000000	Steel wire rubber hose 1/2 "	Assembly	3M	
2	SIC-17W-R2-B-04-01	Pump suction pipe combination	PVC-U	1	
1	SIC-17W-R2-B-08-01	Bypass combination of outlet pipe	Assembly	1	

					制图		版号	D	标题	SIC-17W-R2	图号	SIC-17W-R2-B-ALL	比例	1:13	数量	1
					设计		核			水系统					材质	组合件
①		見本图		20250208	校		准									/
标记	更改前	更改后	更改人	日期	审核		日期	20190101					表面要求			/
													物料号			/



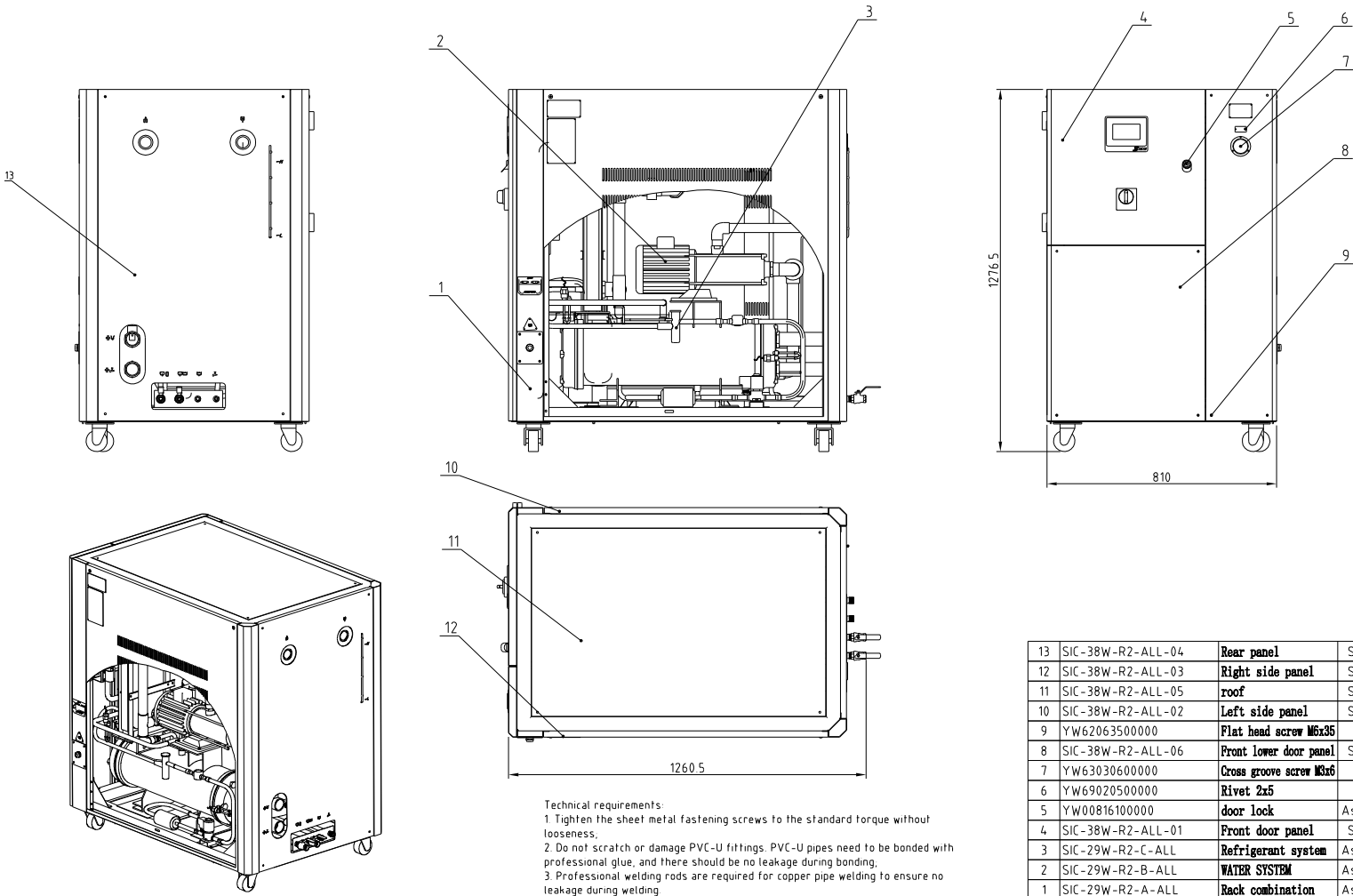
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Shini Plastics Technologies, Inc.



5. The temperature sensing probe also needs to be insulated

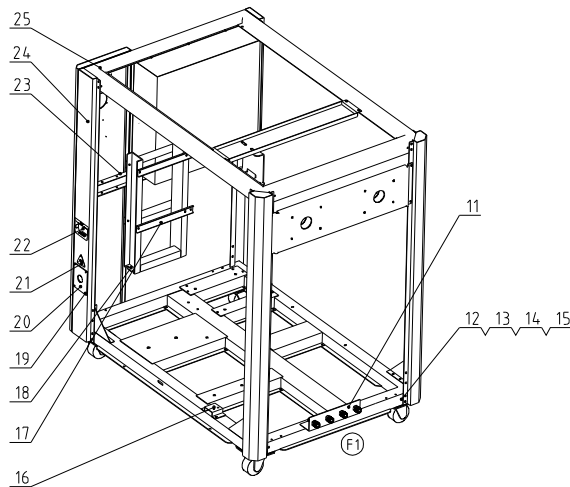
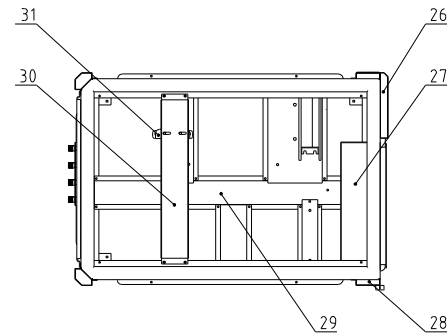
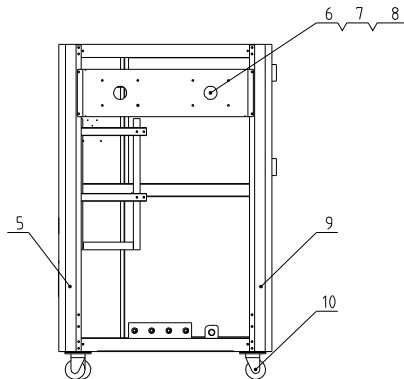
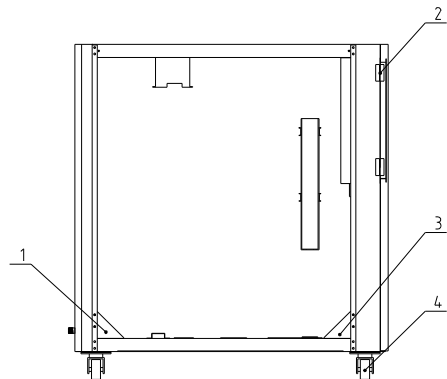
标题	SIC-17W-R2	图号	比例 1:13		数量	1
	冷媒系统		SIC-17W-R2-C-ALL		材质	组合件
 信昌电热机械股份有限公司 Shini Plastics Technologies, Inc.			表面要求		/	
			物料号		/	

Cooling capacity(water outlet temp. 7℃)	Cooling capacity(water outlet temp. 10℃)	Cooling capacity(water outlet temp. 15℃)	Total power(middle/high pressure)	Cooling water inlet(inch)	Cooling water outlet(inch)	Chilled water inlet (inch)	Chilled water outlet (inch)	Drainage outlet(inch)	Water tank refill port (inch)	Cooling water flow (L/min)	Flow rate of chilled water(L/min)	Water tank capacity(L)	Weight(kg)	Ver.
24kw	27kw	29kw	6.08kw	Rc2	Rc2	Rc1/25	Rc1/25	Rc1/2	Rc1/2	103.9	83.1	150	330	B



13	SIC-38W-R2-ALL-04	Rear panel	SPCC15	1	Borrowed
12	SIC-38W-R2-ALL-03	Right side panel	SPCC15	1	Borrowed
11	SIC-38W-R2-ALL-05	roof	SPCC15	1	Borrowed
10	SIC-38W-R2-ALL-02	Left side panel	SPCC15	1	Borrowed
9	YW62063500000	Flat head screw M6x35	4.8	20	
8	SIC-38W-R2-ALL-06	Front lower door panel	SPCC15	1	Borrowed
7	YW63030600000	Cross groove screw M3x6	4.8	3	
6	YW69020500000	Rivet 2x5	4.8	13	
5	YW00816100000	door lock	Assembly	1	
4	SIC-38W-R2-ALL-01	Front door panel	SPCC15	1	Borrowed
3	SIC-29W-R2-C-ALL	Refrigerant system	Assembly	1	
2	SIC-29W-R2-B-ALL	WATER SYSTEM	Assembly	1	
1	SIC-29W-R2-A-ALL	Rack combination	Assembly	1	

					制图		版号	H	标题	SIC-29W-R2	图号	SIC-29W-R2-ALL	比例	1:14	数量	1
					设计		核准		总装图						材质	组合件
(H1)		见本图	20250206	校对												
标记	更改前	更改后	更改人	日期	审核		日期	20190301					表面要求			/
													物料号			/



Technical requirements:
Tighten the sheet metal fastening screws
to the standard torque without any
looseness.

31	SIC-29W-R2-A-08	Filter fixing block	SPCC2.0	2	Borrowed
30	SIC-38W-R2-A-11	Filter fixed beam	SPCC2.0	1	Borrowed
29	SIC-29W-R2-A-ALL-01	Bottom frame assembly	Assembly	1	
28	SIC-38W-R2-A-03	Right front column	SPCC2.0	1	
27	SIC-38W-R2-A-06	Electric control box	SPCC2.0	1	Borrowed
26	SIC-38W-R2-A-01	Dashboard	SPCC2.0	1	Borrowed
25	SIC-38W-R2-A-10	Top frame	SPCC2.0	1	Borrowed
24	SIC-38W-R2-A-02	Left front column	SPCC2.0	3	Borrowed
23	SIC-38W-R2-A-08	Front center cross member	SPCC3.0	1	Borrowed
22	YE90048501200	Communication interface board ES-46	Assembly	1	
21	YP31051650000	Power supply 3-phase 400V 5164200	Assembly	1	
20	BL02010000020	Wire fixture fixing plate	SPCC2.0	1	
19	YW62051000100	Cross recessed flat head screw JIS1111	4.8	6	
18	SIC-33A-R2-A-17	Evaporator fixing slot	SPCC3.0	2	Borrowed
17	SIC-33A-R2-A-18	Evaporator fixed piece	SPCC2.0	4	
16	SIC-38W-R2-A-23	Liquid pipe solenoid valve fixed beam	SPCC15	1	Borrowed
15	YW60062000100	Hexagon head bolt GB/T5781 M12X20	4.8	90	
14	YW66061300000	Flat washer Grade 1 GB/T93.1 6-hk 16x20	14.0HV	90	
13	YW65006000100	Standard spring washer GB/T93.1 6	65Mn	90	
12	YW64000600300	Hexagonal nut GB/T6170 M6	5.0	46	
11	SIC-33A-R2-A-38	Water collector fixing plate	SPCC2.0	1	Borrowed
10	YW03000300300	Flat plate fixed black rubber wheel 3"	Assembly	2	
9	SIC-38W-R2-A-04	Left rear column	SPCC2.0	1	Borrowed
8	SIC-29W-R2-A-03/01	Fixed welding block	SPCC3.0	2	Borrowed
7	SIC-29W-R2-A-03	Inlet and outlet pipe fixed beam	SPCC3.0	1	
6	SIC-29W-R2-A-02	Inlet and outlet pipe fixing plate	SPCC2.0	2	Borrowed
5	SIC-38W-R2-A-05	Right rear column	SPCC2.0	1	Borrowed
4	YW03000300000	3" black PP wheel with middle brake	Assembly	2	
3	BL08102100020	Triangular plate (right) SIC-004	SPCC2.0	4	
2	YW06203100400	Large hinge C1203-1 (left)	Assembly	2	
1	BL08112000020	Triangular plate (left) SIC-003	SPCC2.0	4	Borrowed

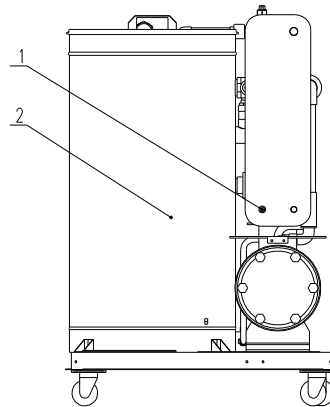
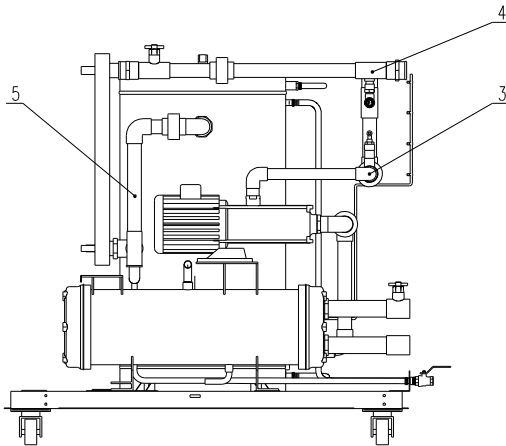
(F2)

(F1)

序号	代号	名称	材质	数量	备注
(F2)	活动脚轮3寸	固定脚轮3寸		20250206	设计
(F1)	补水固定板	无		20250206	校对
标记	更改前	更改后	更改人	日期	审核
				日期	20190301

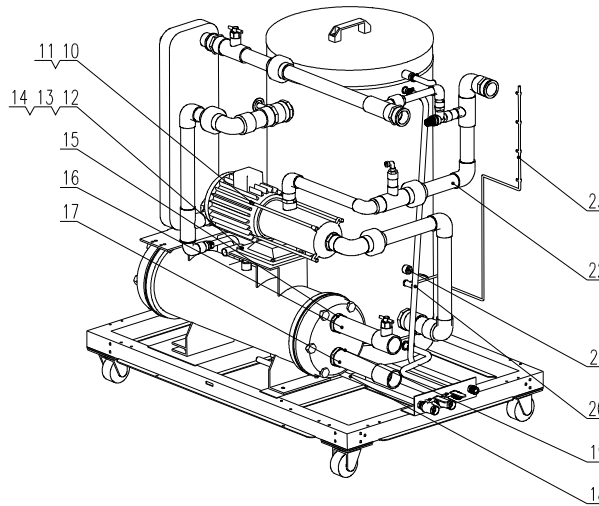
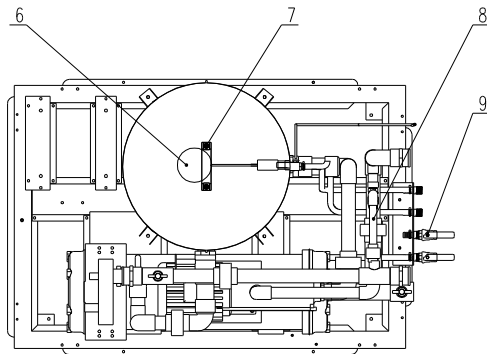
SHINI 信易电热机械股份有限公司
Shini Plastics Technologies, Inc.

比例	1:17	数量	1
材质	组合件		
表面要求	/		
物料号	/		



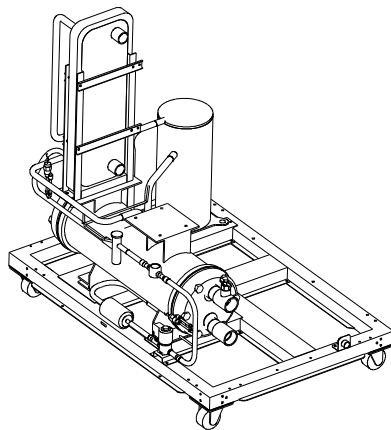
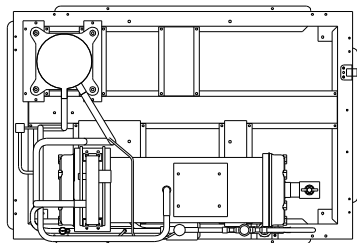
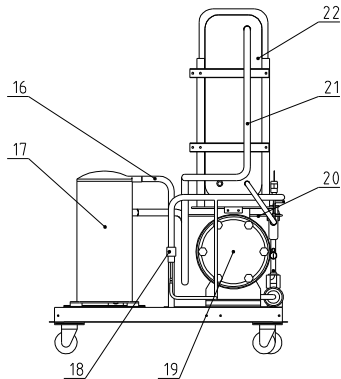
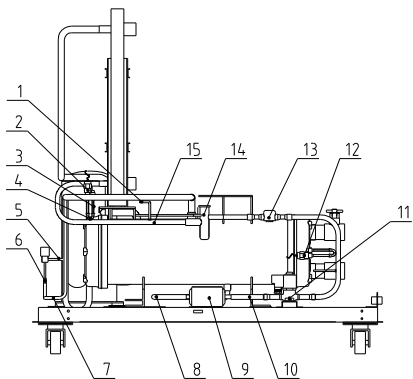
Technical requirements:

1. Wrap the threaded connection with a sealing tape;
2. Special adhesive glue is used for the connection of PVC-U plastic water pipes;
3. There shall be no leakage within 0.7Mpa;
4. After assembly, water should not be supplied for 24 hours.



23	YR90000022000	Air conditioner black cable tie	Structural parts	4	
22	YR60051000000	1/2 inch steel wire rubber hose	Assembly	2m	
21	YE90001600000	Stainless steel 1/2 inch 180° elbow	Structural parts	1	Option
20	YE90711000000	Water temperature probe FX10mm, 1/4"	Structural parts	1	
19	YW52153400000	Water pipe tee 1.5" * 3/4"	Q235A	1	
18	YW51001500000	Water pipe straight through 1.5"	Q235A	1	
17	SIC-29W-R2-B-06	Condenser inlet pipe	Q235A	1	
16	SIC-29W-R2-B-07	Condenser outlet pipe	Q235A	1	
15	YW57150200000	Galvanized water pipe 1.5" * 1/2"	Q235A	2	
14	YW60082000200	Hexagonal head bolt M8x20	8.8	16	
13	YW66081600000	Flat washer (8.4 * 16 * 1.6)	14.0HV	16	
12	YW65008000100	Spring washer GB/T93 8	65Mn	16	
11	YM21460300100	Non-Yuan Water Pump SHP4-60	Assembly	1	High pressure use
10	YM21450300400	Non-Yuan Water Pump SHP4-60	Assembly	1	Medium pressure use
9	YW50001208200	Copper ball valve 1/2 inch (inner thread)	Assembly	2	
8	SIC-29W-R2-B-08	Bypass combination of outlet pipe	Assembly	1	Borrowed
7	BW20012000040	Aluminum square handle 120L (black)	Assembly	1	
6	YW59010200000	Float switch 1/2 inch (copper)	Assembly	1	
5	SIC-29W-R2-B-03	Plate replacement water pipe combination	Assembly	1	
4	SIC-29W-R2-B-02	Plate replacement inlet pipe combination	Assembly	1	
3	SIC-29W-R2-B-05	Water pump outlet pipe combination	Assembly	1	
2	SIC-57W-R2-B-07	Water tank body	Assembly	1	Borrowed
1	YE90001400700	Anti-freezing temperature warning line	Structural parts	1	

					制图	版号	D	标题	SIC-29W-R2	图号	SIC-29W-R2-B-ALL	比例	1:13	数量	1
					设计	核准			水系统					材质	组合件
①		见本图	20250207	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	/



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 is filled with 2 SMPa nitrogen to maintain pressure, and the pressure gauge reading remains unchanged within 10 hours.

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

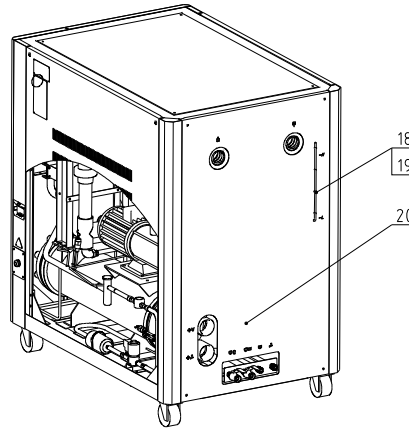
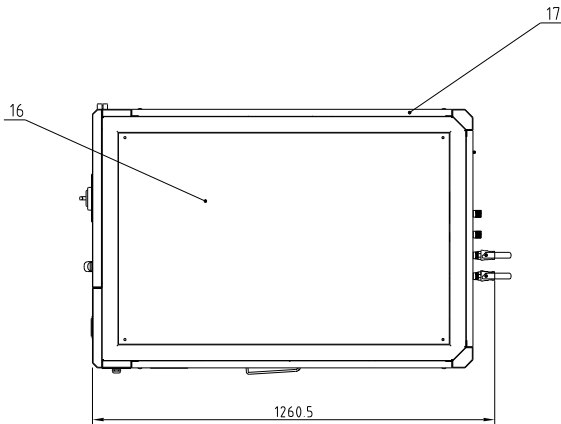
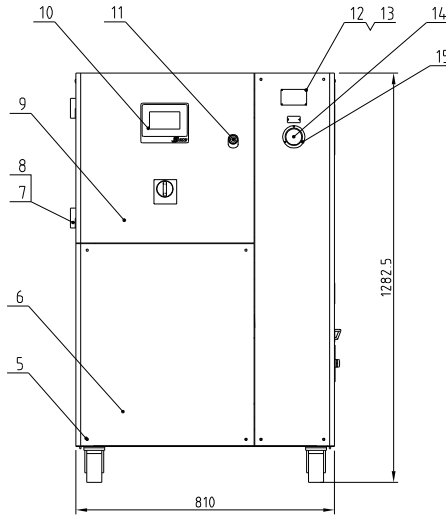
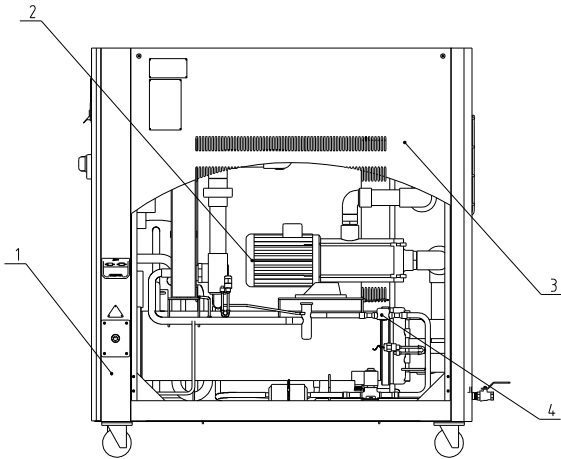
5. The temperature sensing probe also needs to be insulated.

22	SIC-29W-R2-C-01	Plate evaporator	Assembly	1	
21	SIC-29W-R2-C-04	muffler	TP2M	1	
20	YS30063500000	Expansion valve balance pipe	Assembly	1	
19	SIC-29W-R2-C-02	condenser	Assembly	1	
18	YE90042402100	Hot gas bypass valve FHF-4A	Assembly	1	
17	YM70006100000	Compressor ZP91KCE-TPD	Assembly	1	
16	SIC-29W-R2-C-03	exhaust pipe	TP2M	1	
15	SIC-29W-R2-C-07	Expansion valve outlet pipe	TP2M	1	
14	YW85651200100	Expansion valve B4B6Z71965T	Assembly	1	
13	YW85001500100	Vision Mirror HMI-1T75	Assembly	1	Option
12	YE15200300400	low pressure transmitter 0-2MPa	Assembly	1	
11	YE90207500500	Liquid tube solenoid valve 200R75N	Assembly	1	Option
10	SIC-29W-R2-C-06	Filter outlet pipe	TP2M	1	
9	YW85016500100	Drying filter BK305S	Assembly	1	
8	SIC-29W-R2-C-05	Filter inlet pipe	TP2M	1	
7	SIC-29W-R2-C-08	Bypass valve outlet pipe	TP2M	1	
6	YW51635000100	Copper equal diameter straight through	TP2M	1	
5	YS30063500000	Bypass valve inlet pipe	TP2M	1	
4	YW59001400600	Copper T-shaped connector 1/4"	TP2M	2	
3	YW85010400300	Liquid top needle valve	Assembly	4	
2	YE15200500400	high-pressure transmitter 0-5MPa	Assembly	1	
1	YS30063500000	Soft copper tube	TP2M	0.2	
序号	代 号	名 称	材 质	数 量	备 注

(E1)

					制图		版号	E	标题	SIC-29W-R2	图号	SIC-29W-R2-C-ALL	比例	1:15	数量	1
					设计		核		冷媒系统						材质	组合件
(E1)	无	新增紫铜等径直通		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		/		

Cooling capacity(water outlet temp. 7℃)	Cooling capacity(water outlet temp. 10℃)	Cooling capacity(water outlet temp. 15℃)	Total power(middle/high pressure)	Cooling water inlet(inch)	Cooling water outlet(inch)	Chilled water inlet (inch)	Chilled water outlet (inch)	Drainage outlet(inch)	Water tank refill port (inch)	Cooling water flow (L/min)	Flow rate of chilled water(L/min)	Water tank capacity(L)	Weight(kg)	Ver
29kw	32kw	38kw	8.3/9.0kw	Rc2	Rc2	Rc15	Rc15	Rc1/2	Rc1/2	136.1	108.9	150	350	B



Technical requirements

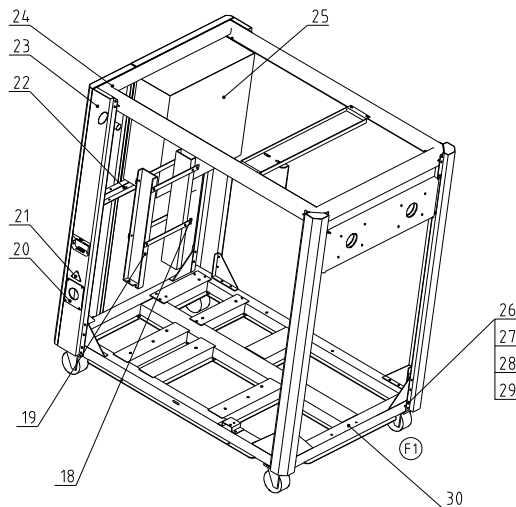
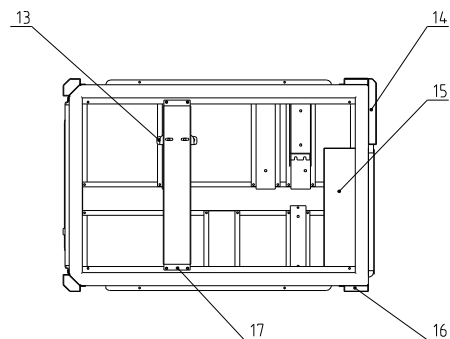
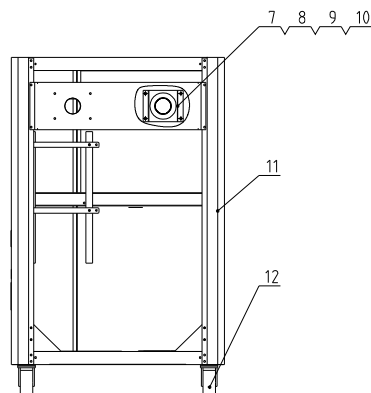
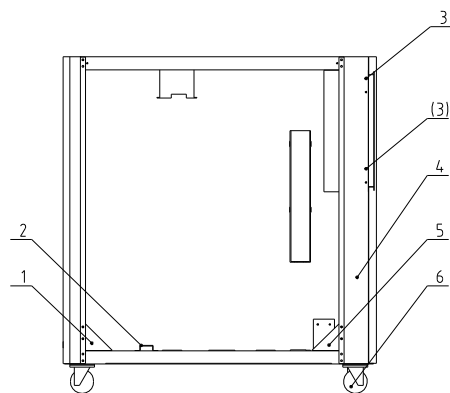
1. Tighten the sheet metal fastening screws to the standard torque without looseness.
2. Do not scratch or damage PVC-U fittings. PVC-U pipes need to be bonded with professional glue, and there should be no leakage during bonding.
3. Professional welding rods are required for copper pipe welding to ensure no leakage during welding.

20	SIC-38W-R2-ALL-04	Rear panel	SPCC15	1	
19	YR90000022000	Air conditioning zip ties	Assembly	4	
18	YR60620000100	Transparent trachea W6	Structural parts	3m	
17	SIC-38W-R2-ALL-02	Left side panel	SPCC15	1	
16	SIC-38W-R2-ALL-05	Top plate	SPCC15	1	
15	YW63030600000	Cross groove pin head screw M6		4.8	3
14	YP304.25000000	pump pressure gauge	Assembly	1	
13	YP30804.900700	Machine nameplate	Assembly	1	
12	YW69020500000	Rivet 2 × 5		4.8	21
11	YW00816100000	door lock	SPCC15	1	
10	YE80317501900	Chiller controller	Assembly	1	
9	SIC-38W-R2-ALL-01	Front door panel	SPCC15	1	
8	YW62051000100	Cross groove pin head screw M6		4.8	8
7	YW062031004.00	Large hinge CL203-1 (left)	Structural parts		2
6	SIC-38W-R2-ALL-06	Front lower door panel	SPCC15	1	
5	YW62063500000	Flat head screw M6x35		4.8	12
4	SIC-38W-R2-C-ALL	Refrigerant system	Assembly	1	
3	SIC-38W-R2-ALL-03	Right side panel	SPCC15	1	
2	SIC-38W-R2-B-ALL	WATER SYSTEM	Assembly	1	
1	SIC-38W-R2-A-ALL	Rack combination	Assembly	1	
序号	代 号	名 称	材 质	数 量	备 注

					制图		版号	H	标题	SIC-38W-R2	图号	SIC-38W-R2-ALL	比例	1:14	数量	1
					设计		核		总装图						材质	组合件
(H1)		见本图		20250206	校对		准									/
标记	更改前	更改后	更改人	日期	审核		日期	20190301					表面要求			/
													物料号			/



信昂电热机械股份有限公司
Shini Plastics Technologies, Inc.



Technical requirements:
Tighten the sheet metal fastening screws
to the standard torque without any
looseness.

30	SIC-38W-R2-A-ALL-01	Bottom frame assembly	Assembly	1	
29	YW64000600300	Hexagonal nut GB/T6170 M6		5	74
28	YW650006000100	Standard spring washer GB/T93 6		65Mn	118
27	YW660061300000	Flat Washer Grade A GB/T93.1 6-hat hole		14.0HV	118
26	YW60062000100	Hexagon head bolt GB/T5781 M6x20		4.8	118
25	SIC-38W-R2-A-07	Electrical baseboard	SECC15	1	
24	SIC-38W-R2-A-10	Top frame	SPCC2.0	1	
23	SIC-38W-R2-A-03	Right front column	SPCC2.0	1	
22	SIC-38W-R2-A-08	Front center cross member	SPCC2.0	1	
21	YP31051650000	Power supply 3-phase 400V 5165000		1	
20	BL02010000020	Wire clamp fixed plate	SPCC2.0	1	
19	SIC-38W-R2-A-20	Plate replacement fixed plate	SPCC3.0	2	
18	SIC-33A-R2-A-18	Evaporator fixed piece	SPCC2.0	4	Borrowed
17	SIC-38W-R2-A-11	Filter fixed beam	SPCC2.0	1	
16	SIC-38W-R2-A-02	Left front column	SPCC2.0	1	
15	SIC-38W-R2-A-06	Electric control box	SPCC15	1	
14	SIC-38W-R2-A-01	Dashboard	SPCC2.0	1	
13	SIC-38W-R2-A-12	Filter fixing block	SPCC3.0	1	
12	YW03000300300	Flat plate fixed black rubber sheet 1"	Assembly	2	
11	SIC-38W-R2-A-04	Left rear column	SPCC2.0	1	
10	SIC-33A-R2-A-30	Fixed folding plate	SPCC2.0	2	Borrowed
9	SIC-38W-R2-A-15	Inlet and outlet pipe fixed beam	SPCC3.0	1	
8	SIC-33A-R2-A-29/01	Fixed welding block	SPCC3.0	2	Borrowed
7	SIC-38W-R2-A-05	Right rear column	SPCC2.0	2	
6	YW03000300000	1" black PP sheet with white glue	Assembly	2	
5	BL08102100020	Triangular plate (right) SIC-004	SPCC2.0	4	
4	YE90048501200	Communication interface board RS-485	Assembly	1	
3	YW62051000100	Cross recessed flat head screw JISB1111		4.8	6
2	SIC-38W-R2-A-23	Liquid pipe solenoid valve fixed beam	SPCC15	1	Option
1	BL08112000020	Triangular plate (left) SIC-003	SPCC2.0	4	

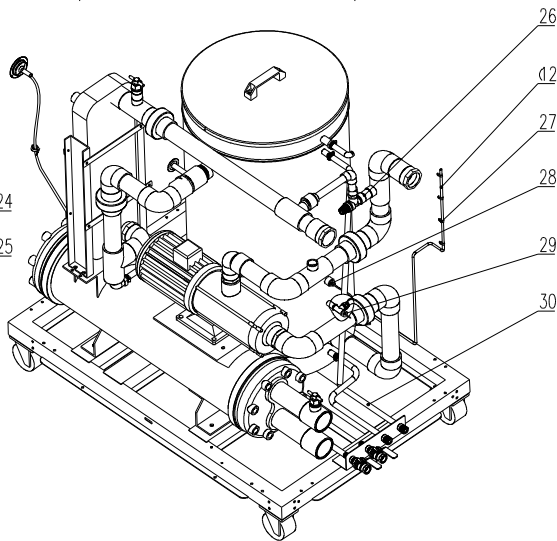
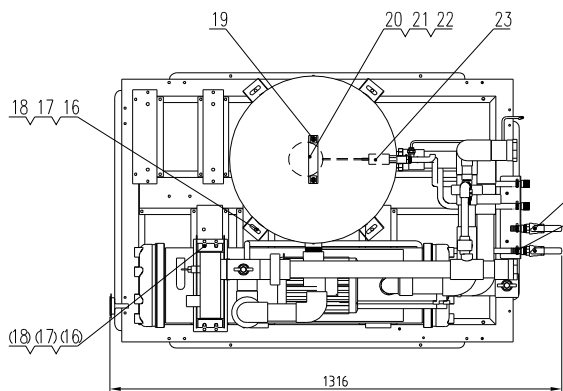
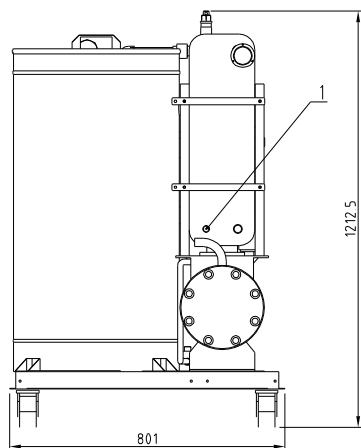
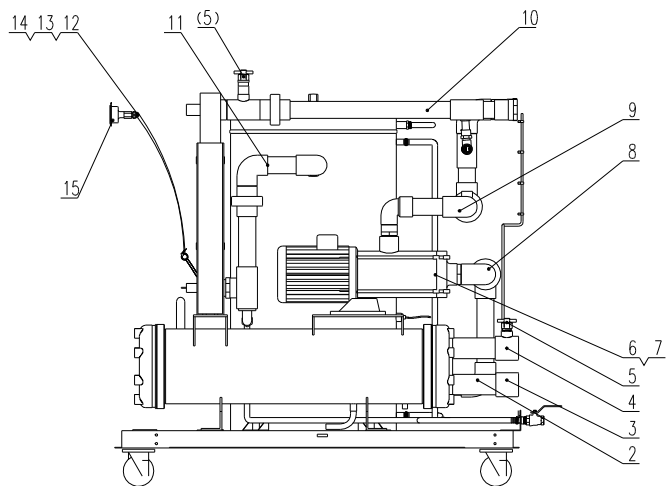
(F2)

(F1)

					制图		版号	F	标题	SIC-38W-R2	图号	SIC-38W-R2-A-ALL	比例	1:17	数量	1
(F2)	活动脚轮3寸	固定脚轮3寸		20250206	设计		核		机架组合						材质	组合件
(F1)	补水固定板	无		20250206	校对		准									/
标记	更改前	更改后	更改人	日期	审核		日期	20190301					表面要求			/
													物料号			/

SHINI

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Shini Plastics Technologies, Inc.



Technical requirements:

1. Wrap the threaded connection with a sealing tape.
2. Special adhesive glue is used for the connection of PVC-U plastic water pipes.
3. There shall be no leakage within 0.7Mpa.
4. After assembly, no pressure or water should be supplied for 24 hours.

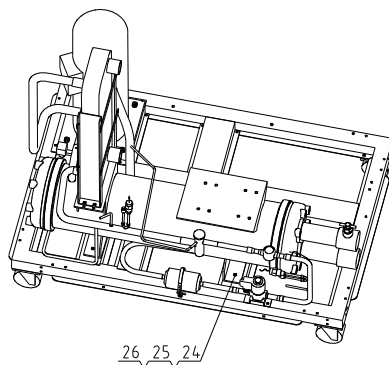
30	YR60051000000	1/2 inch steel wire rubber hose	Assembly	2m	
29	YE90711000000	Water temperature probe	Assembly	1	
28	YE90001600000	Black plastic drain pipe with 1/2 inch	Structural parts	1	Option
27	YR90000022000	Air conditioner black cable tie	Structural parts	4	
26	SIC-38W-R2-B-07	Bypass combination of outlet pipe	Assembly	1	
25	YW02182900000	Stainless steel tube bundle	Assembly	8	
24	YW50001208200	Copper ball valve 1/2 inch	Assembly	2	
23	YW59010200000	Float switch copper 1/2 inch	Assembly	1	
22	SIC-38W-R2-B-08	Water tank cover	Assembly	1	
21	SIC-38W-R2-B-07	Water tank	Assembly	1	
20	BW20012000040	Aluminum square handle	Assembly	1	
19	YW61062000000	Internal hexagon screw M6x20	SUS	2	
18	YW60082000200	Hexagonal head bolt M8x20	8.8	12	
17	YW66081600000	Flat washer (8.4 * 16 * 1.6)	14.0HV	12	
16	YW65008000100	Spring washer GB/T93 8	65Mn	12	
15	YW85001000100	Pressure gauge 0-10KG	Assembly	1	
14	BH12060701710	1/4 "PT to 1/4" H connector	H58	1	
13	YW800061400200	L-type threaded joint M16-1/4	Assembly	3	
12	YR60620000100	Transparent tracheas M6	Assembly	1m	
11	SIC-38W-R2-B-03	Plate replacement water pipe combination	Assembly	1	
10	SIC-38W-R2-B-01	Plate replacement inlet pipe combination	Assembly	1	
9	SIC-38W-R2-B-05	Water pump outlet pipe combination	Assembly	1	
8	SIC-38W-R2-B-04	Pump inlet pipe combination	Assembly	1	
7	YM21850300100	Nan Yuan Water Pump SHP8-50	Assembly	1	High pressure use
6	YM21840300100	Nan Yuan Water Pump SHP8-40	Assembly	1	Medium pressure use
5	YW85043600000	Flow switch	Assembly	2	
4	YW52023401300	Galvanized water pipe size 2 "X 3/4"	Q235A	1	
3	YW51000200000	Galvanized water pipe inner thread straight length 1'	Q235A	1	
2	SIC-38W-R2-B-08	Condensation inlet and outlet pipes	Q235A	2	
1	YE90001400700	Anti freezing temperature warning line	Structural parts	1	

					制图	版号	D	标题	SIC-38W-R2	图号	SIC-38W-R2-B-ALL	比例	1:13	数量	1
					设计	核准			水系统					材质	组合件
①		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	20190301								/



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Shini Plastics Technologies, Inc.

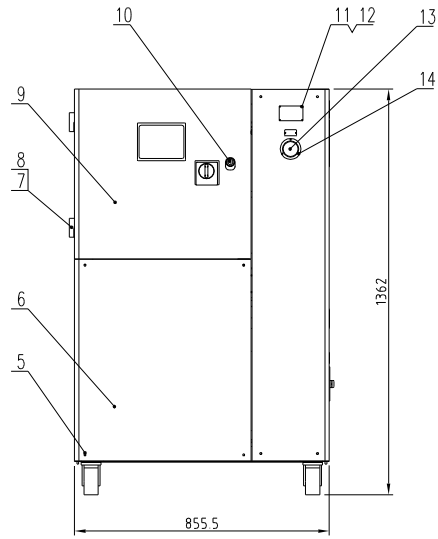
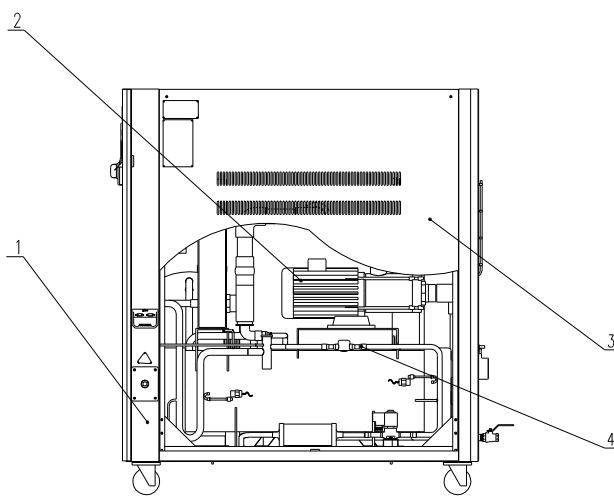
表面要求
物料号



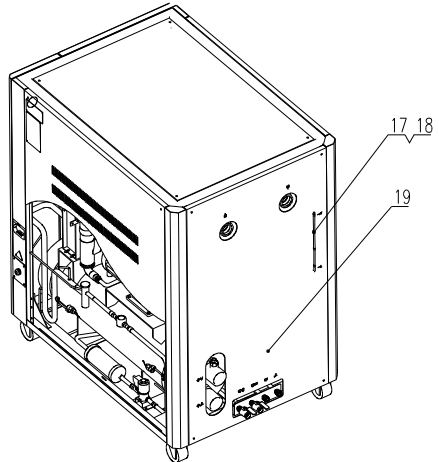
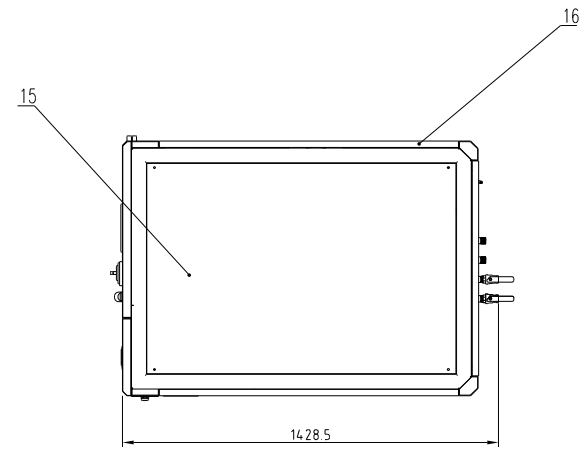
- (E1)

					制图	版号	E	标题	SIC-38W-R2	图号	SIC-38W-R2-C-ALL	比例	1:15	数量	1
					设计				冷媒系统					材质	组合件
(E1)	无	新增紫铜管径直通		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	20190301					物料号	/		

Cooling capacity(water outlet temp. 7℃)	Cooling capacity(water outlet temp. 10℃)	Cooling capacity(water outlet temp. 15℃)	Total power(middle/high pressure)	Cooling water inlet(inch)	Cooling water outlet(inch)	Chilled water inlet (inch)	Chilled water outlet (inch)	Drainage outlet(inch)	Water tank refill port (inch)	Cooling water flow (L/min)	Flow rate of chilled water(L/min)	Water tank capacity(L)	Weight(kg)	Ver.
45kw	49kw	57kw	11.95/12.55kw	Rc2	Rc2	Rc15	Rc15	Rc1/2	Rc1/2	204	163.4	150	440	B

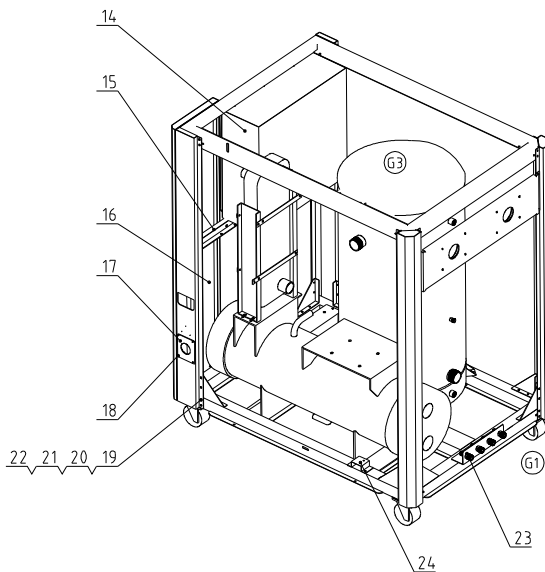
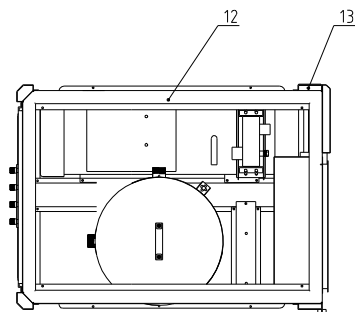
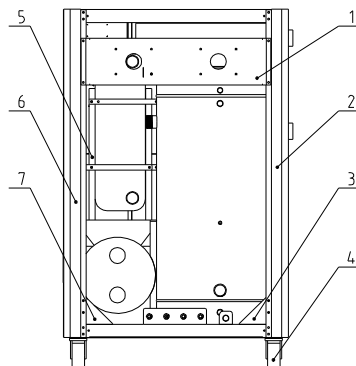
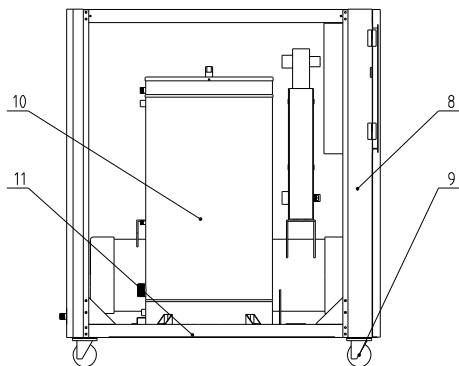


Technical requirements:
1. Tighten the steel metal fastening screws to the standard torque without looseness.
2. Do not scratch or damage PVC-U fittings. PVC-U pipes need to be bonded with professional glue, and there should be no leakage during bonding.
3. Professional welding rods are required for copper pipe welding to ensure no leakage during welding.



19	SIC-57W-R2-ALL-05	Rear panel	SPCC15	1	
18	YR90000022000	Air conditioning zip ties		4	
17	YR60620000100	Transparent trachea W6	Structural parts	3m	
16	SIC-57W-R2-ALL-03	Left side panel	SPCC15	1	
15	SIC-57W-R2-ALL-06	roof	SPCC15	1	
14	YW63030600000	Cross groove pan head screw M6x6		4.8	3
13	YP30425000000	pump pressure gauge	Assembly	1	
12	YP30804900700	Machine nameplate	Assembly	1	
11	YW69020500000	Rivet 2 × 5		4.8	17
10	YW00816100000	door lock	SPCC15	1	
9	SIC-57W-R2-ALL-01	Front door panel	SPCC15	1	
8	YW62051000100	Cross groove large flat head screw M10x16		4.8	8
7	YW06203100400	Large hinge CL203-1 (left)	Structural parts	2	
6	SIC-57W-R2-ALL-02	Front lower door panel	SPCC15	1	
5	YW62063500000	Cross groove large flat head screw M10x16		4.8	20
4	SIC-57W-R2-C-ALL	Refrigerant system	Assembly	1	
3	SIC-57W-R2-ALL-04	Right side panel	SPCC15	1	
2	SIC-57W-R2-B-ALL	WATER SYSTEM	Assembly	1	
1	SIC-57W-R2-A-ALL	Rack combination	Assembly	1	
序号	代 号	名 称	材 质	数 量	备 注

					制图	版号	H	标题	SIC-57W-R2	图号	SIC-57W-R2-ALL	比例	1:15	数量	1
					设计	核		总装图					材质	组合件	
(H1)		见本图	20250206	校对	准							表面要求		/	
标记	更改前	更改后	更改人	日期	审核	日期	20190808		信易电热机械股份有限公司	Shini Plastics Technologies, Inc.	物料号		/		

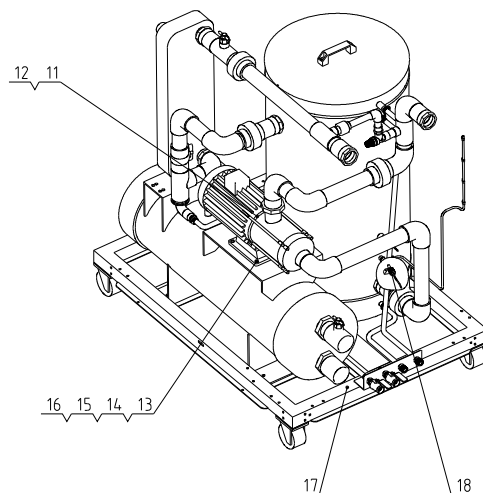
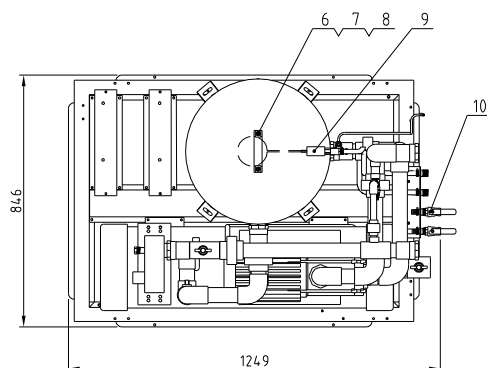
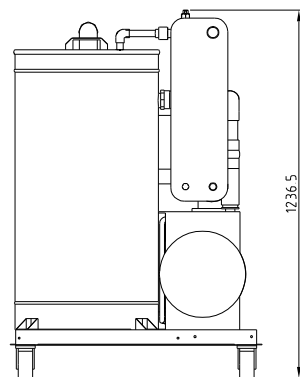
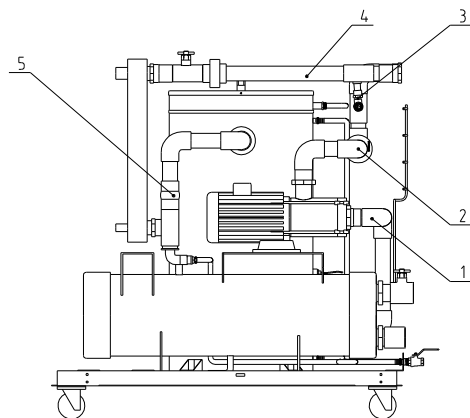


Technical requirements:
Tighten the sheet metal fastening screws
to the standard torque without any
looseness.

24	SIC-57W-R2-A-24	Fixed beam of liquid pipe inlet/outlet	SPCC15	1	Option
23	SIC-33A-R2-A-38	Water collector fixing plate	H58	1	Borrowed
22	YW66061300000	Flat washer Class A GB/T97.1 6	14.0HV	150	
21	YW65006000100	Standard spring washer GB/T93.6	65Mn	120	
20	YW64.0006000300	Hexagonal Nut GB/T6170 M6	5	120	
19	YW600620000100	Hexagonal head bolt GB/T5781	4.8	120	
18	YW674.819000000	One piece pin head self drilling self tapping screw	4.8	20	
17	BL020100000020	Wire fixture fixing plate K23 35-4-01		SPCC2.0	1
16	SIC-57W-R2-A-01	Top		SPCC15	1
15	SIC-57W-R2-A-08	Front middle crossbeam		SPCC3.0	1
14	SIC-57W-R2-A-06	Electric control box		SPCC15	1
13	SIC-57W-R2-A-03	Right front pillar		SPCC2.0	1
12	SIC-57W-R2-A-10	Top frame		SPCC2.0	1
11	SIC-57W-R2-A-ALL-01	Bottom frame combination		Assembly	1
10	SIC-57W-R2-A-07	Electric control box bottom plate		SPCC2.0	1
9	YW03000300000	3-inch black PP steel model with a hole		SPCC2.0	2
8	SIC-57W-R2-A-02	Left front pillar		SPCC2.0	1
7	BL081021000020	Triangle board (right) SIC-004		SPCC2.0	4
6	SIC-57W-R2-A-05	Right rear pillar		SPCC2.0	1
5	SIC-57W-R2-A-16	Plate replacement fixed bracket		SPCC3.0	2
4	YW030003000300	Fixed casters 3-inch black		Assembly	2
3	BL081120000020	Triangle board (left) SIC-003		SPCC2.0	4
2	SIC-57W-R2-A-04	Left rear pillar		SPCC2.0	1
1	SIC-57W-R2-A-19	Fixed beam for inlet and outlet pipes		SPCC3.0	1
序号	代 号	名 称	材 质	数 量	备 注

③	过滤器固定横梁	取消	20250210	制图	版号	G	标题	SIC-57W-R2	图号	SIC-57W-R2-A-ALL	比例	1:17	数量	1
②	活动脚轮3寸	固定脚轮3寸	20250206	设计	核		机架组合						材质	组合件
①	补水固定板	无	20250206	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						物料号	/

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



Technical requirements:

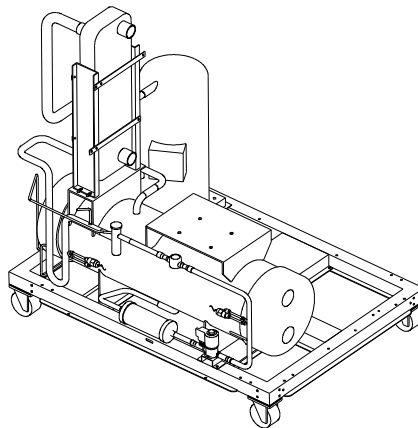
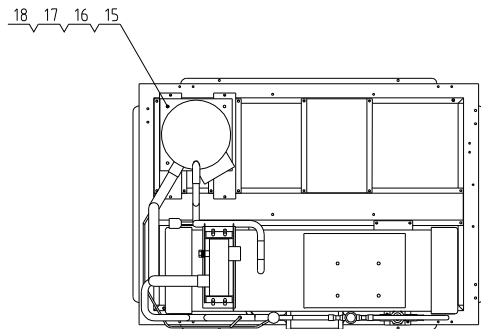
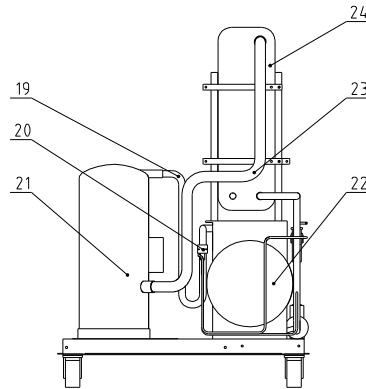
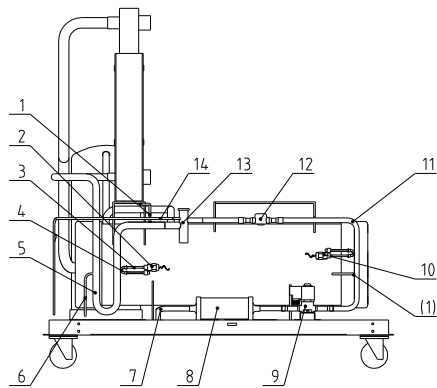
1. Wrap the threaded connection with a sealing tape;
2. Special adhesive glue is used for the connection of PVC-U plastic water pipes;
3. There shall be no leakage within 0.7Mpa;
4. After assembly, water should not be supplied for 24 hours.

18	YE90001600000	Hexagonal plastic ball valve 1/2"	Structural parts	1	Option
17	YR60051000000	Steel wire rubber hose 1/2"	Assembly	2M	
16	YW66061300000	Flat washer Class A GB/T97.1 8		14.0HV	8
15	YW65006000100	Standard spring washer GB/T93 8		65Mn	8
14	YW64080600000	Hexagonal Nut GB/T6170 M8		5.0	8
13	YW60082500100	Hexagonal head bolt M8 * 25-12.9		4.8	8
12	YM21124000600	Non-Yuan Water Pump SIF12-40	Assembly	1	High pressure use
11	YM21123001300	Non-Yuan Water Pump SIF12-30	Assembly	1	Medium pressure use
10	YW50001208200	Copper ball valve 1/2" (inner 6-turn)	Assembly	2	
9	YW59010200000	Float switch copper 1/2"	Assembly	1	
8	BW20012000040	Aluminum square handle head	Assembly	1	
7	SIC-33A-R2-B-08	Water tank cover	SUS201	1	Borrowed
6	SIC-57W-R2-B-07	Water tank body	Assembly	1	
5	SIC-57W-R2-B-03	Discharge outlet pipe combination	Assembly	1	
4	SIC-57W-R2-B-02	Return pipe combination	Assembly	1	
3	SIC-57W-R2-B-08	Bypass combination of outlet pipe	Assembly	1	
2	SIC-57W-R2-B-05	Water outlet pipe combination	Assembly	1	
1	SIC-57W-R2-B-04	Pump suction pipe combination	Assembly	1	

					制图		版号	D	标题	SIC-57W-R2	图号	SIC-57W-R2-B-ALL	比例	1:15	数量	1
					设计		核准			水系统					材质	组合件
①		见本图	20250206	校对												/
标记	更改前	更改后	更改人	日期	审核		日期	20190301					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. 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 is filled with 3.2MPa nitrogen gas to maintain pressure, and the pressure gauge reading remains unchanged within 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.

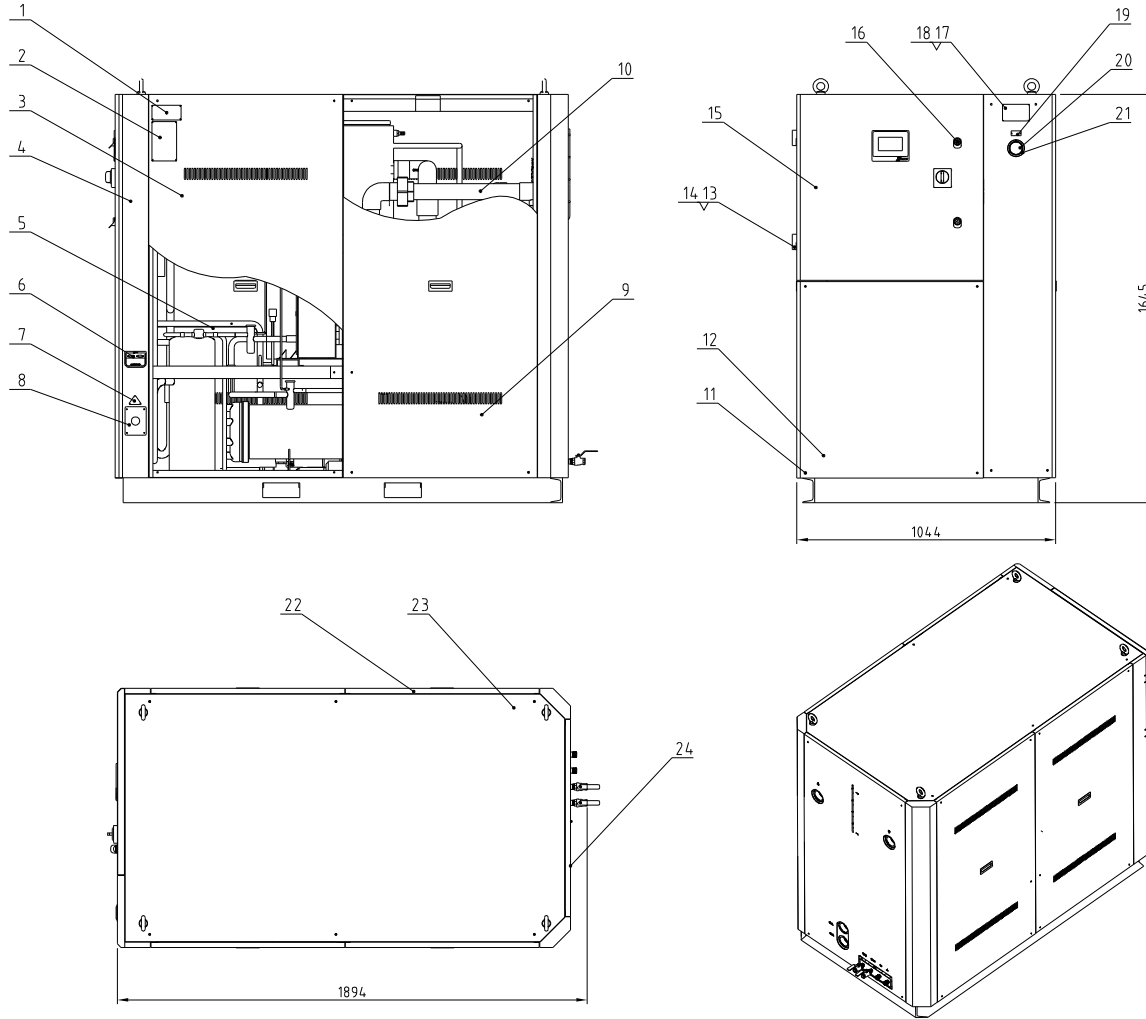
24	YW87570108800	Plate evaporator	Assembly	1	
23	SIC-57W-R2-C-03	muffler	TP2M	1	
22	BW86005300010	Condenser	Structural parts	1	
21	YM70018200000	Grain phase compressor ZPI6003	Assembly	1	
20	YE90062402100	Bypass solenoid valve RIF-0402	Assembly	1	
19	SIC-57W-R2-C-04	exhaust pipe	TP2M	1	
18	YW64080600000	Hexagonal nuts GB/T6170	5.0	16	
17	YW66082200100	Large gasket C grade GB/T96.8	14.0HV	20	
16	YW65008000100	Standard spring washer	65Mn	20	
15	YW60080500000	Hexagonal head bolt GB/T5783	4.8	4	
14	YS30063500000	Expansion valve pressure equalization pipe	TP2M	1	
13	YW85165800000	Expansion valve IPS 1/2-3/4 5/8 x 1/8	Assembly		
12	YW85001500100	Vision Mirror HMI-1775	Assembly	1	Option
11	SIC-57W-R2-C-06	Filter outlet pipe	TP2M	1	
10	YE15200500400	High-pressure transmitter 0-0.6MPa	Structural parts	1	
9	YE90207500500	Liquid tube solenoid valve 2002/207	Assembly	1	Option
8	YW85030500100	Drying filter BK305S	Assembly	1	
7	SIC-57W-R2-C-05	Condenser outlet pipe	TP2M	1	
6	YS30063500000	Bypass valve outlet pipe	TP2M	1	
5	SIC-57W-R2-C-07	Evaporator intake pipe	TP2M	1	
4	YW59001400600	Copper T-shaped connector 1/4 inch	TP2Y	2	
3	YW85010400300	Liquid tube valve 1/4 inch (for HMI)	Assembly	4	
2	YE15200300400	Low pressure transmitter 0-0.6MPa	Structural parts	1	
1	YS30063500000	Soft copper tube with a diameter	TP2M	0.5	
序号	代 号	名 称	材 质	数 量	备 注

③	YE90207506800	YE90207500500		2024.06.19	制图		版号	D	标题	SIC-57W-R2	图号	SIC-57W-R2-C-ALL	比例	1:15	数量	1
②	无	铜Y型接头1/4寸		2024.06.19	设计		核		冷媒系统						材质	组合件
①	无	高压/低压压力变送器		2024.06.19	校对		准								表面要求	/
标记	更改前	更改后	更改人	日期	审核		日期	20190808					物料号			/



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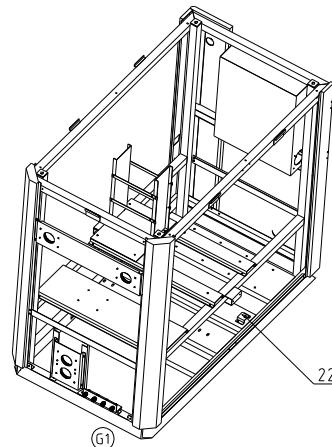
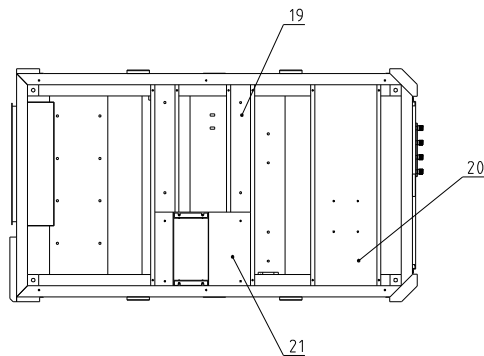
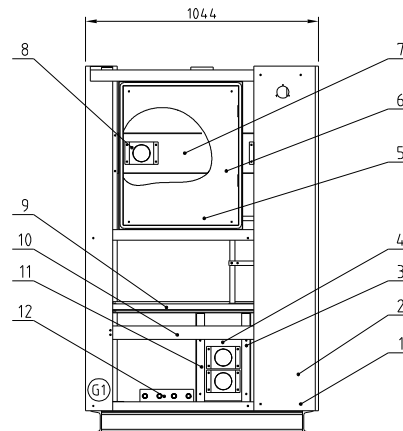
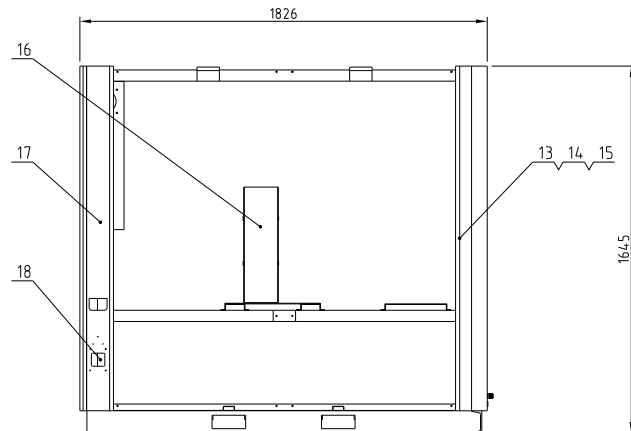
Cooling capacity/heat outlet temp. T(°C)	Cooling capacity/heat outlet temp. W(°C)	Cooling capacity/heat outlet temp. R(°C)	Total power(instant high pressure)	Cooling water inlet(inch)	Cooling water outlet(inch)	Chilled water inlet(inch)	Chilled water outlet(inch)	Drainage outlet(inch)	Water tank refill port(inch)	Cooling water flow lt./min	Flow rate of chilled water(lt./min)	Water tank capacity(L)	Weight(kg)	Ver
62kw	69kw	76kw	15.98/16.58kw	Rc2	Rc2	Rc2	Rc2	Rc1/2	Rc1/2	272.3	217.9	180	720	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.

26	BH12003300810	Three quarter internal lock expansion insert	H58	1	
25	YR50012000700	Stacked filter 120 mesh 2"	Assembly	1	
24	SIC-76W-R2-ALL-06	Rear panel	SPCC15	1	
23	SIC-76W-R2-ALL-07	roof	SPCC15	1	
22	SIC-76W-R2-ALL-05	Side panel 2	SPCC15	1	
21	YP30425000000	pump pressure gauge	Assembly	1	
20	YW63030600000	Cross groove pan head screw M6x6	4.8	3	
19	YP30425000000	Pump pressure label	2024	1	
18	YP30804900700	Machine nameplate	Assembly	1	
17	YW69020500000	Rivet 2 × 5	4.8	21	
16	YW00816100000	door lock	SPCC15	2	
15	SIC-76W-R2-ALL-01	Front door panel	SPCC15	1	
14	YW62051000100	Cross groove large flat head screw M10x16	4.8	8	
13	YW06203100400	Large hinge CL203-1 (left)	Structure parts	2	
12	SIC-76W-R2-ALL-02	Front lower door panel	SPCC15	1	
11	YW62063500000	Cross groove large flat head screw M10x16	4.8	26	
10	SIC-76W-R2-B-ALL	WATER SYSTEM	Assembly	1	
9	SIC-76W-R2-ALL-04	Side panel 1	SPCC15	2	
8	BL02010000020	Wire fixture fixing plate K02	SPCC15	1	
7	YP31051650000	Triangular power supply 3 × 400V	Structure parts	1	
6	YR40048500000	Shell RS485 0 version	Assembly	1	
5	SIC-76W-R2-C-ALL	Refrigerant system	Assembly	1	
4	SIC-76W-R2-A-ALL	Rack combination	Assembly	1	
3	SIC-76W-R2-ALL-03	Nameplate side panel	SPCC15	1	
2	YP31018600000	Attention label	Structure parts	1	
1	YP31115800400	Attention label for diffuser maintenance and repair	Structure parts	1	

					制图	版号	H	标题	SIC-76W-R2	图号	SIC-76W-R2-ALL	比例	1:18	数量	1
					设计	核准		总装图				材质	组合件		
(H1)		见本图		20250206	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	20210625	SHINI	信易电热机械股份有限公司	Shini Plastics Technologies, Inc.	物料号		/		



Technical requirements:

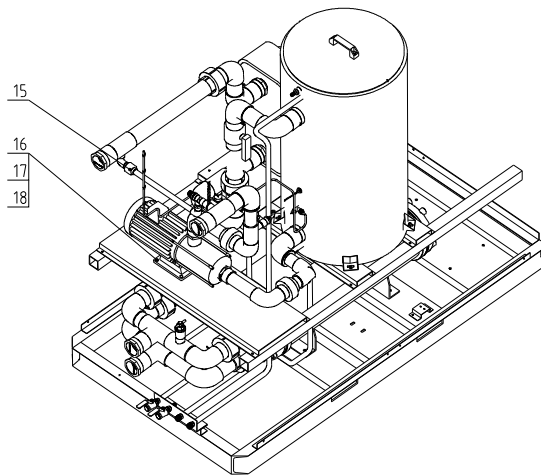
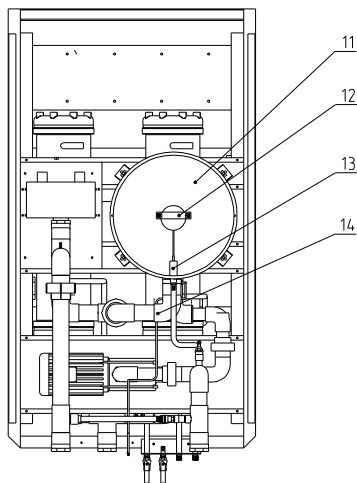
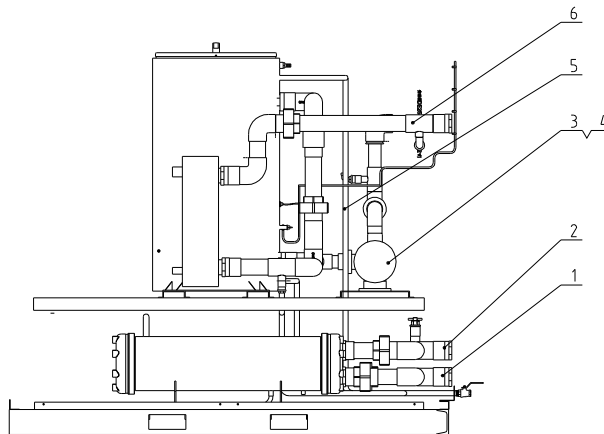
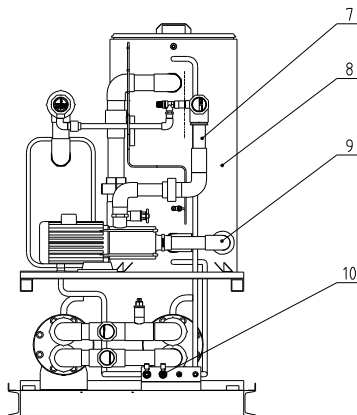
1. Tighten the fastening screws of the components to the standard torque without any looseness;
2. There is no paint peeling or scratching on the surface;
3. The panel equipment is easy to disassemble, without interference or jamming.

					制图		版号	G	标题	SIC-76W-R2	图号	SIC-76W-R2-A-ALL	比例	1:20	数量	1
					设计		核准		机架组合						材质	组合件
(G1)	补水管固定板	无		20250206	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	20210625					物料号			/

22	SIC-76W-R2-A-28	Final beam of liquid pipe solenoid valve	SPCC15	2	Option
21	SIC-76W-R2-A-13	Evaporator support plate	SPCC3.0	1	
20	SIC-76W-R2-A-11	Pump support beam	SPCC3.0	1	
19	SIC-76W-R2-A-12	Water tank support beam	SPCC3.0	2	
18	BL02010000020	Wire fixture fixing plate K02	4.8	1	
17	SIC-76W-R2-A-ALL-01	Rack welding diagram	Assembly	1	
16	SIC-76W-R2-A-15	Plate replacement fixed bracket	SPCC3.0	2	
15	YW66061300000	Flat washer Class A GB/T93.1 6	4.8	20	
14	YW650060000100	Standard spring washer GB/T93.1 6	4.8	20	
13	YW600620000100	Hexagonal head bolt GB/T5781 M16x20	4.8	20	
12	SIC-33A-R2-A-38	Water collector fixing plate	SPCC2.0	1	Borrowed
11	SIC-76W-R2-A-19	Right fixing beam of condenser water pipe	SPCC2.0	1	
10	SIC-76W-R2-A-24	Exhaust pipe fixing beam	SPCC3.0	1	
9	SIC-76W-R2-A-20	Condenser water pipe fixing beam	SPCC2.0	1	
8	SIC-76W-R2-A-22	Water pipe fixing plate	SPCC2.0	4	
7	SIC-76W-R2-A-23	Exhaustive inlet and outlet pipe fixing beam	SPCC3.0	1	
6	SIC-76W-R2-A-07	Electric control panel	SPCC15	1	
5	SIC-76W-R2-A-08	Electric control base plate	SPCC15	1	
4	SIC-76W-R2-A-17	Condenser water pipe fixing plate 2	SPCC2.0	1	
3	SIC-76W-R2-A-18	Left fixing beam of condenser water pipe	SPCC3.0	2	
2	SIC-76W-R2-A-01	Water meter plate	SPCC15	1	
1	YW62063500000	Cross groove large flat head screw	4.8	4	
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

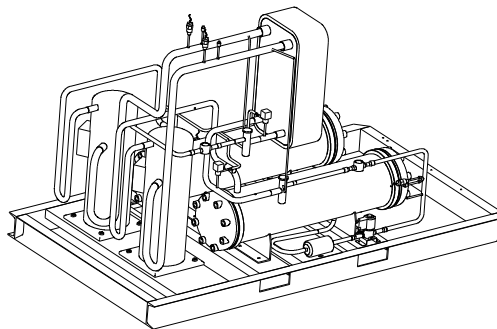
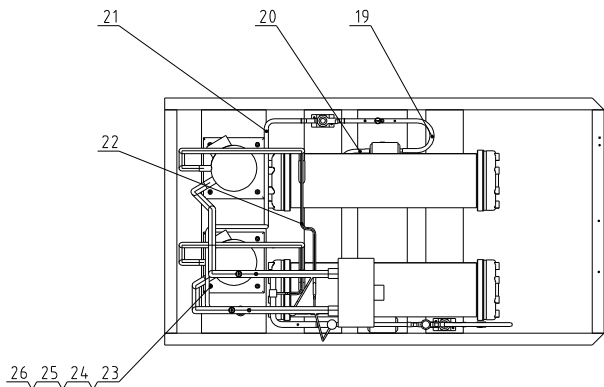
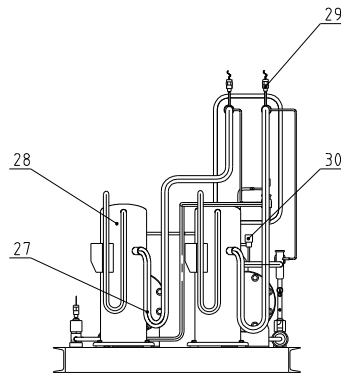
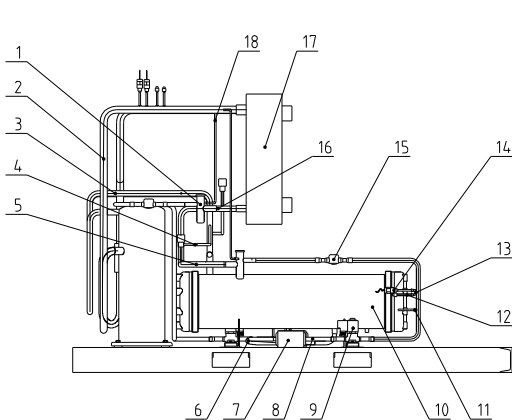
- 1 Wrap the threaded connection with a sealing tape.
- 2 Special adhesive glue is used for the connection of PVC-U plastic water pipes.
- 3 There shall be no leakage within 0.7Mpa.
- 4 After assembly, water should not be supplied for 24 hours.

18	YW66082200100	Large gasket C-grade GB/T908	14.0HV	8	
17	YW65006000100	Standard spring washer GB/T93 8	65Mn	8	
16	YW60082500100	Hexagonal head bolt M8 × 25	4.8	8	
15	SIC-76W-R2-B-08	Bypass combination of outlet pipe	Assembly	1	
14	SIC-76W-R2-B-03	Plate replacement inlet pipe combination	Assembly	1	
13	YW59010200000	Float switch copper 1/2"	Assembly	1	
12	BW20012000040	Aluminum square handle head	Assembly	1	
11	SIC-33A-R2-B-08	Water tank cover	SUS201	1	Borrowed
10	YW50001208200	Copper ball valve 1/2 inch	Assembly	2	
9	SIC-76W-R2-B-04	Pump suction pipe combination	Assembly	1	
8	SIC-114W-R2-B-08	Water tank body	Assembly	1	Borrowed
7	SIC-76W-R2-B-05	Water pump outlet pipe combination	Assembly	1	
6	SIC-76W-R2-B-03	Plate replacement inlet pipe combination	Assembly	1	
5	YR60051000000	Inner diameter of steel wire rubber hose	Assembly	3M	
4	YM21125000300	Non Yuen Water Pump SHF12-50	Assembly	1	High pressure use
3	YM21124000600	Non Yuen Water Pump SHF12-40	Assembly	1	Medium pressure use
2	SIC-76W-R2-B-07	Condenser outlet pipe combination	Assembly	1	
1	SIC-76W-R2-B-06	Condenser inlet pipe combination	Assembly	1	

					制图		版号	F	标题	SIC-76W-R2	图号	SIC-76W-R2-B-ALL	比例	1:18	数量	1
					设计		核准			水系统					材质	组合件
(F1)	无	见本图		20250206	校对		核准									/
标记	更改前	更改后	更改人	日期	审核		日期	20210625					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 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 is filled with 3.2MPa nitrogen gas to maintain pressure, and the pressure gauge reading remains unchanged within 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

30	YE90042402100	Bypass solenoid valve F0P-4410	Assembly	2	
29	YE15200300400	Low pressure transmitter 0-5MPa	Structural parts	2	
28	YM70012201600	Grain Wheel Compressor	Assembly	2	
27	SIC-76W-R2-C-05	Return air pipe 2	TP2M	1	
26	YW66061300000	Flat washer A/T97.1 8	140HV	20	
25	YW65008000100	Standard spring washer G8/T93 8	65Mn	20	
24	YW64080600000	Hexagonal nut G8/T6170 M8	5.0	20	
23	YW60085000000	Hexagonal head bolt G8/T6783	4.8	8	
22	YS3095284.0000	Bypass valve outlet pipe	TP2M	0.5	
21	SIC-76W-R2-C-11	Filter outlet pipe 3	TP2M	1	
20	SIC-76W-R2-C-09	Condenser outlet pipe 2	TP2M	1	
19	SIC-76W-R2-C-10	Filter outlet pipe 2	TP2M	1	
18	YS30063500000	Expansion valve pressure equalization pipe	TP2M	2	
17	YW87011406000	Plate evaporator	Assembly	1	
16	SIC-76W-R2-C-12	Expansion valve outlet pipe 2	TP2M	1	
15	YW85001500100	Sight glass HMI-11T5	Assembly	2	Option
14	YE15200500400	High pressure transmitter 0-5MPa	Structural parts	2	
13	YW59001400600	Copper Y-shaped connector 1/4"	TP2	2	
12	YW85010400300	Liquid top needle valve 1/4"	Assembly	6	
11	YS30063500000	Soft copper tube	TP2M	0.5	
10	YW86762000100	Condenser SIC-76W-R2-C-02	Assembly	2	
9	YE90207500500	Liquid tube solenoid valve 2002/75T	Assembly	2	Option
8	SIC-76W-R2-C-07	Filter outlet pipe 1	TP2M	1	
7	YW85016500100	Dry filter EK 166S	Assembly	1	
6	SIC-76W-R2-C-06	Condenser outlet pipe 1	TP2M	1	
5	SIC-76W-R2-C-08	Expansion valve outlet pipe 1	TP2M	1	
4	YW51635000100	Copper equal diameter straight through	TP2M	2	
3	SIC-76W-R2-C-03	exhaust pipe	TP2M	2	
2	SIC-76W-R2-C-04	Return airway 1	TP2M	1	
1	YW85712500000	Expansion valve 5/8T/400PS/1	Assembly	1	
序号	代号	名称	材质	数量	备注

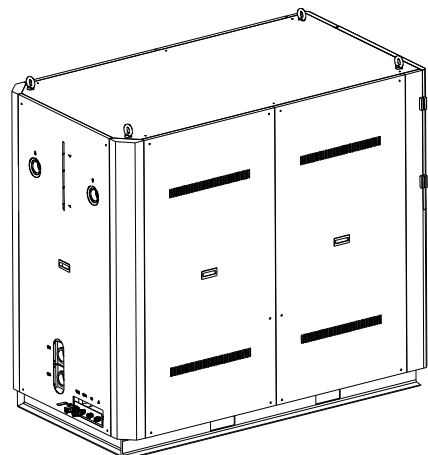
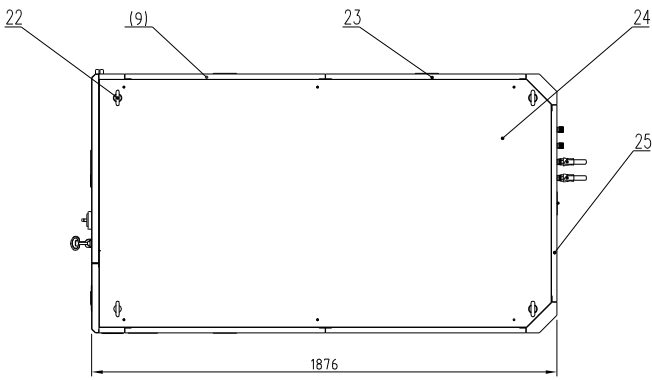
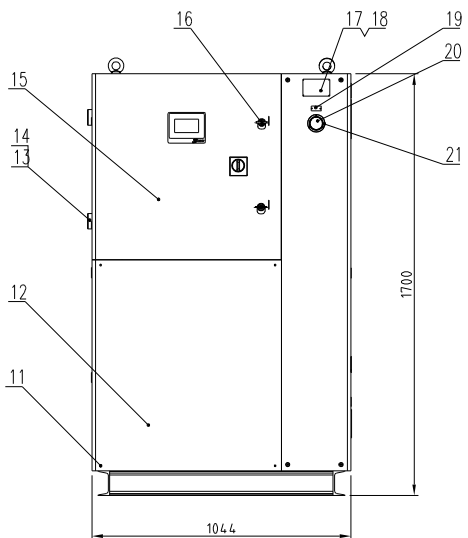
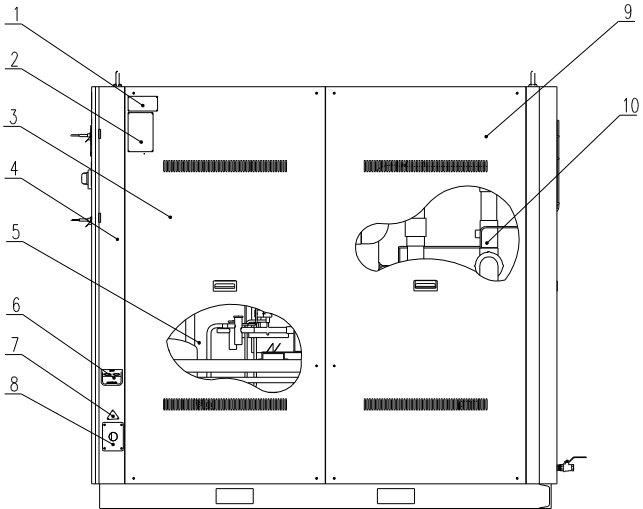
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					制图	版号	D	标题	SIC-76W-R2	图号	SIC-76W-R2-C-ALL	比例	1:18	数量	1
					设计	核准			冷媒系统					材质	组合件
(D1)	无	新增紫铜等径直通	20250210	校对								表面要求		/	
标记	更改前	更改后	更改人	日期	审核	日期	20210625					物料号		/	



信昂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(middle/high pressure)	Cooling water inlet(inch)	Cooling water outlet(inch)	Chilled water inlet (inch)	Chilled water outlet (inch)	Drainage outlet(inch)	Water tank refill port (inch)	Cooling water flow L/min	Flow rate of chilled water(L/min)	Water tank capacity(L)	Weight(kg)	Ver.
91kw	100kw	114kw	24.3/24.7kw	Rc2	Rc2	Rc2	Rc2	Rc1/2	Rc1/2	408.5	326.8	180	720	B

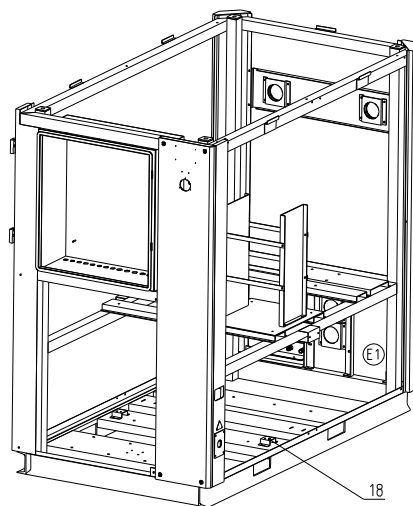
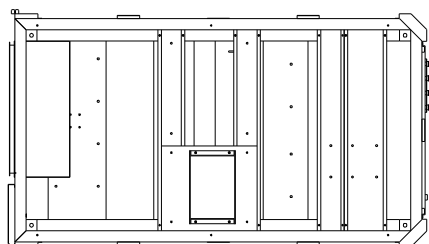
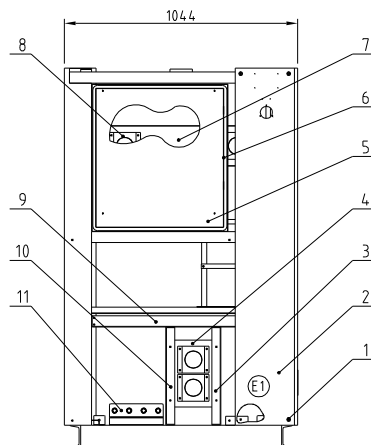
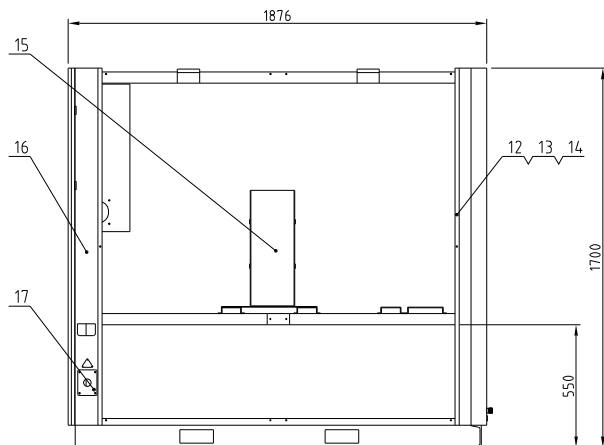


Technical requirements:
1. Tighten the fastening screws of the components to the standard torque without any looseness.
2. There is no paint peeling or scratching on the surface.
3. The panel equipment is easy to disassemble, without interference or jamming.

25	SIC-114W-R2-ALL-05	Rear panel	SPCC15	1	
24	SIC-114W-R2-ALL-06	Top plate	SPCC15	1	
23	SIC-114W-R2-ALL-07	Side panel 3	SPCC15	1	
22	YW09001600000	Eye bolt GB/T825 M16	Structural parts	4	
21	YP30425000000	Pump pressure gauge	Assembly	1	
20	YW63030600000	Cross groove pan head screw K16		4.8	3
19	YP30425000000	Pump pressure label	2024	1	
18	YP30804900700	Machine nameplate	Assembly	1	
17	YW69020500000	Rivet 2 × 5		4.8	21
16	YW00816100000	door lock	SPCC15	2	
15	SIC-114W-R2-ALL-01	Front door panel	SPCC15	1	
14	YW62051000100	Cross groove large flat head screw		4.8	12
13	YW06203100400	Large hinge CL203-1 (left)	Structural parts	2	
12	SIC-114W-R2-ALL-02	Front lower door panel	SPCC15	1	
11	YW62063500000	Cross groove large flat head screw		4.8	26
10	SIC-114W-R2-B-ALL	WATER SYSTEM	Assembly	1	
9	SIC-114W-R2-ALL-03	Side panel 1	SPCC15	2	
8	BL02010000020	Wire fixture fixing plate K32	SPCC15	1	
7	YP31051650000	Triangular power supply 3 × 400	Structural parts	1	
6	YR40048500000	Shell RS485 0 version	Assembly	1	
5	SIC-114W-R2-C-ALL	Refrigerant system	Assembly	1	
4	SIC-114W-R2-A-ALL	Rack combination	Assembly	1	
3	SIC-114W-R2-ALL-04	Side panel 2	SPCC15	1	
2	YP31018600000	Attention label	Structural parts	1	
1	YP31158004000	Warning label for oil filter maintenance and repair	Structural parts	1	

					制图		版号	H	标题	SIC-114W-R2	图号	SIC-114W-R2-ALL	比例	1:18	数量	1
					设计		核准		总装图						材质	组合件
(H1)		见本图	2024.12.18	校对			核准									/
标记	更改前	更改后	更改人	日期	审核	日期	20210625						表面要求			/
													物料号			/





Technical requirements

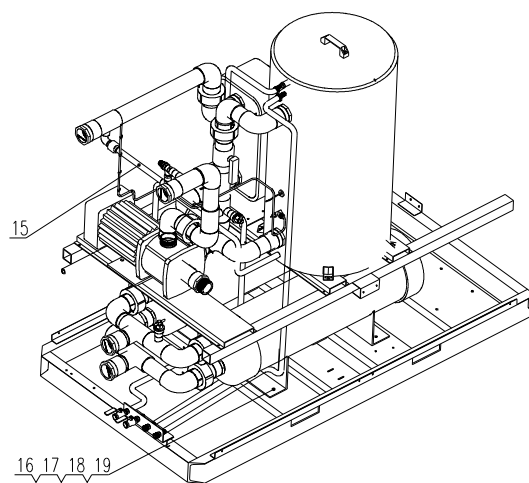
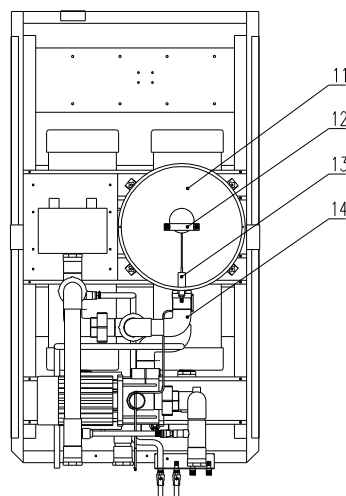
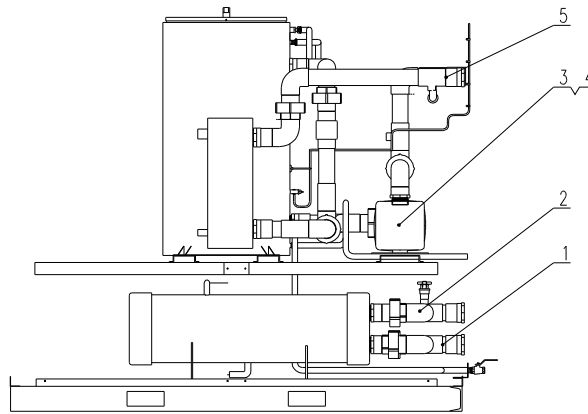
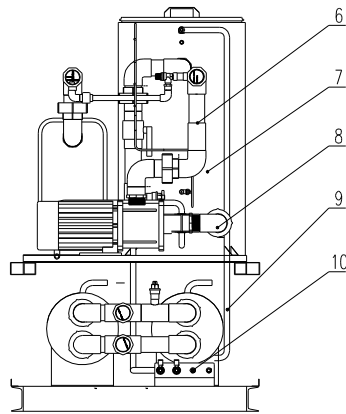
1. Tighten the fastening screws of the components to the standard torque without any looseness;
2. There is no paint peeling or scratching on the surface;
3. The panel equipment is easy to disassemble, without interference or jamming.

					制图		版号	E	标题	SIC-114W-R2	图号	SIC-114W-R2-A-ALL	比例	1:20	数量	1
					设计		核准		机架组合						材质	组合件
①	补水管固定板	无		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	20210625					物料号			/

18	SIC-114W-R2-A-23	Support block	SPCC15	2	Option
17	BL02010000020	Wire fixture fixing plate	4.8	1	
16	SIC-114W-R2-ALL-01	Rack welding diagram	Assembly	1	
15	SIC-114W-R2-A-15	Evaporator fixed groove	SPCC3.0	2	
14	YW66061300000	Flat washer A-grade 6	4.8	20	
13	YW65006000100	Standard spring washer 6	4.8	20	
12	YW60062000100	Hexagonal head bolt M6x20	4.8	20	
11	SIC-33A-R2-A-38	Drainage find plate combination	SPCC2.0	1	Borrowed
10	SIC-114W-R2-A-21	Evaporator fixing strip 2	SPCC3.0	1	
9	SIC-114W-R2-A-09	Rear middle crossbeam	SPCC2.0	1	
8	SIC-114W-R2-A-18	Find plate for inlet and outlet pipes	SPCC2.0	4	
7	SIC-114W-R2-A-17	Find beam for inlet and outlet pipes	SPCC3.0	1	
6	SIC-114W-R2-A-06	Electric control panel	SPCC15	1	
5	SIC-114W-R2-A-04	Electrical Base Plate	SPCC15	1	
4	SIC-114W-R2-A-22	Condenser fixing plate	SPCC2.0	1	
3	SIC-114W-R2-A-20	Condenser fixing strip 1	SPCC3.0	4	
2	SIC-114W-R2-A-01	Meter plate	SPCC15	1	
1	YW62063500000	Large flat head screw M6 * 35	4.8	4	
序号	代号	名称	材质	数量	备注



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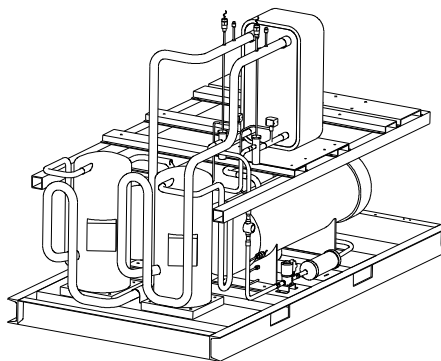
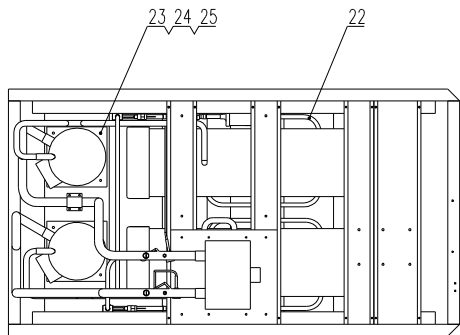
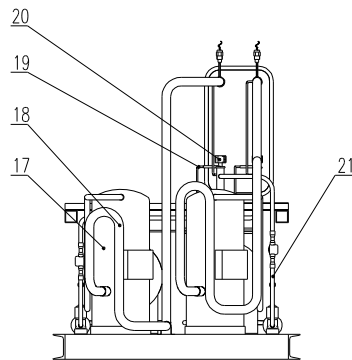
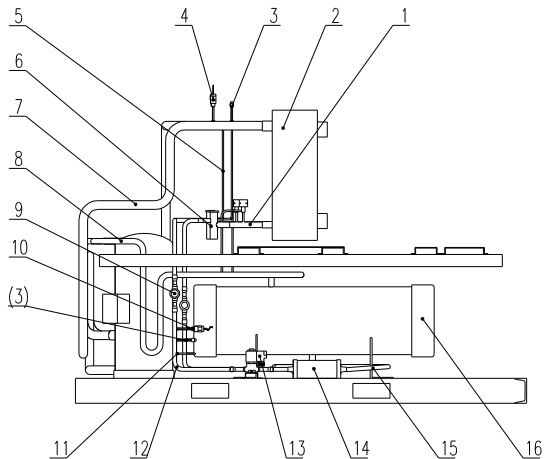


- Technical requirements:
1. Wrap the threaded connection with a sealing tape;
 2. Special adhesive glue is used for the connection of PVC-U plastic water pipes;
 3. There shall be no leakage within 0.7Mpa;
 4. After assembly, water should not be supplied for 24 hours.

19	YW60082500100	Hexagonal head bolt M8 * 25	4.8	8	
18	YW64080600000	Hexagonal Nut GB/T6170	5.0	8	
17	YW65006000100	Standard spring washer GB/T93.8	65Mn	8	
16	YW66061300000	Flat washer Class A GB/T97.1.8	14.0HV	8	
15	SIC-114 W-R2-B-09	Bypass combination of outlet pipe	Assembly	1	
14	SIC-114 W-R2-B-03	Plate replacement inlet pipe combination	Assembly	1	
13	YW59010200000	Float switch copper 1/2"	Assembly	1	
12	BW2001200004.0	Aluminum square handle head	Assembly	1	
11	SIC-33A-R2-B-08	Water tank cover	SUS201	1	Borrowed
10	YW50001208200	Copper ball valve 1/2"	Assembly	2	
9	YR60051000000	Inner diameter of steel wire rubber hose	Assembly	8M	
8	SIC-114 W-R2-B-04	Pump suction pipe combination	Assembly	1	
7	SIC-114 W-R2-B-08	Water tank body	Assembly	1	
6	SIC-114 W-R2-B-05	Water pump outlet pipe combination	Assembly	1	
5	SIC-114 W-R2-B-03	Plate replacement inlet pipe combination	Assembly	1	
4	YM21204.0014.00	Nan Yuan Water Pump SHF20-40	Assembly	1	High pressure use
3	YM21203001000	Nan Yuan Water Pump SHF20-30	Assembly	1	Medium pressure use
2	SIC-114 W-R2-B-07	Condenser outlet pipe combination	Assembly	1	
1	SIC-114 W-R2-B-06	Condenser inlet pipe combination	Assembly	1	
序号	代 号	名 称	材 质	数 量	备 注

					制图		版号	E	标题	SIC-114 W-R2	图号	SIC-114 W-R2-B-ALL	比例	1:18	数量	1
					设计		核			水系统					材质	组合件
①		见本图	20250210	校对	准											/
标记	更改前	更改后	更改人	日期	审核	日期	20210625						表面要求			/
													物料号			/





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 is filled with 3.2MPa nitrogen gas to maintain pressure, and the pressure gauge reading remains unchanged within 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.

25	YW66082200100	Large gasket Class C	140HV	8	
24	YW65008000100	Standard spring washer GB/T93.8	65Mn	8	
23	YW60085000000	Hexagonal head bolt GB/T5783	4.8	8	
22	SIC-114W-R2-C-10	Condenser outlet pipe 2	TP2M	1	
21	SIC-114W-R2-C-11	Filter outlet pipe 2	TP2M	1	
20	YE90062402100	Bypass solenoid valve R1P-6A2	Assembly	2	
19	YS30952840000	Bypass valve outlet pipe	TP2M	0.5	
18	SIC-114W-R2-C-08	Return air pipe 2	TP2M	1	
17	YM70018200000	Grain Wheel Compressor	Assembly	2	
16	BW86011400010	Condenser SIC-114W-R2	Assembly	2	
15	SIC-114W-R2-C-05	Condenser outlet pipe 1	TP2M	1	
14	YW85030500100	Drying filter BK305S	Assembly	2	
13	YE90207500500	Liquid tube solenoid valve Z00E73R	Assembly	2	Option
12	SIC-114W-R2-C-06	Filter outlet pipe 1	TP2M	1	
11	YS30063500000	Soft copper tube with 1/8" x 0.015"	TP2M	0.5	
10	YE15200500400	High pressure transmitter 0-3MPa	Structural parts	2	
9	YW85001500100	Sight glass FMI-1175	Assembly	2	Option
8	SIC-114W-R2-C-04	Exhaust pipe 1	TP2M	1	
7	SIC-114W-R2-C-03	Return airway 1	TP2M	1	
6	YW85165800000	Expansion valve	Assembly	1	
5	YS30063500000	Expansion valve pressure equalization pipe	TP2M	0.5	
4	YE15200300400	Low pressure transmitter 0-3MPa	Structural parts	2	
3	YW85010400300	Liquid top needle valve 1/4"	Assembly	10	
2	YW87660900000	Plate evaporator	Assembly	1	
1	SIC-114W-R2-C-07	Evaporator inlet pipe 1	TP2M	1	
序号	代号	名称	材质	数量	备注

③	无	旁通电磁阀RDP-6A2		2024.0702	制图		版号	B	标题	SIC-114W-R2	图号	比例	1:18	数量	1
②	YE90207506800	YE90207500500		2024.0702	设计		核准			冷媒系统	SIC-114W-R2-C-ALL			材质	组合件
①	无	高压/低压压力变送器		2024.0702	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	20210625						物料号	/

SHINI

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