1.0 Reference and Address			
Report Number	191125198GZU-001	Original Issued: 9-Jun-2020	Revised: 22-Feb-2023
Standard(s)	Household And Similar Electrical Appliances, Part 1: General Requirements [UL 60335-1:2016 Ed.6] Safety Requirements for Household and Similar Electrical Appliances - Part 2: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers [UL 60335-2-24:2017 Ed.2+R:27Feb2020] Safety of Household and Similar Appliances - Part 1: General Requirements [CSA C22.2#60335-1:2016 Ed.2] Household and Similar Electrical Appliances – Safety – Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-cream Appliances and Ice-makers [CSA C22.2#60335-2-24:2017 Ed.2+U1;U2]		

Applicant	Zhongshan YEHOS Electrical Appliance Co., Ltd.	Manufacturer	**Zhongshan YEHOS Electrical Appliance Co., Ltd.**
Address	No. 9, Yuan lin Rd, Nantou Town, Zhongshan Guangdong	Address	No. 9, Yuan lin Rd, Nantou Town, Zhongshan Guangdong
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2.0 Product Description

Product	Wine Cooler
Brand name	YEHOS, Colzer
Description	The products covered by this report are wine coolers, rated 115 V, 60 Hz, intended for household indoor use only, provided with a permanently connected 3-wire flexible power supply cord terminated in a grounding type attachment plug.
Models	YC-120-2D, YC-120-BB, YC-150A, YC-150B, YC-150C, YC-150E, YC-150F, YC-510A, YC-510B, YC-510C, YC-408A, YC-408B, YC-408C, YC-298A, YC-298B, WCF149SE3S, WCF148DE3S, YC-510D2Z, YC-510D2C, YC-510BB, CZW36SS2, CZB36SS1, CZW154SS1, YC-760, YC-100A, YC-100B, YC-100C, YC-60, YC-60A, YC-32, YC-32A, YC-18, YH-12, YH-18, YH-24, YH-32A.
Model Similarity	Models YC-120-BB, YC-150A, YC-150B, YC-150C, YC-150E, YC-150F was same as model YC-120-2D, except the model number. Models YC-510B, YC-510C, YC-408A, YC-408B, YC-408C, YC-298A, YC-298B, WCF149SE3S, WCF148DE3S was same as model YC-510A, except the model number. Models YC-510D2C, YC-510BB was same as model YC-510D2Z, except the model number. Model YC-510A was similar to model YC-510D2Z, except the PCB, evaporator, inner cabinet and without PTC heater. CZW36SS2 and CZB36SS1 are same as YC-120-2D except for model number. CZW154SS1 is same as YC-408A except for model number. Model YC-760 used the same power PCB as model YC-510D2Z. Models YC-100C, YC-60, YC-60A, YC-32, YC-32A are same as model YC-100A, except the model number. Models YH-12, YH-18, YH-24 are same, except overall size and the size of condenser. Model YC-18 is same as as model YH-24, except overall size, power supply borad, evaporator fan, compressor, the size of condenser and evaporator are different, and YC-18 with condenser fan. Model YC-100B is same as model YC-100A, except YC-100B with three evaporator fan and PTC heater. Model YH-32A is same as model YC-100B, except model number.

Ratings

Model	Ratings	Refrigerant	Input of Heating
YC-510D2Z, YC-510D2C, YC-510BB	115V, 60Hz, 2.0A	R600a / 52g	260 W
YC-510A, YC-510B, YC-510C, YC-408A, YC-408B, YC-408C, YC-298A, YC-298B, WCF149SE3S, WCF148DE3S, CZW154SS1	115V, 60Hz, 1.6A	R600a / 52g	NA
YC-120-2D, YC-120-BB, YC-150A, YC-150B, YC-150C, YC-150E, YC-150F, CZW36SS2, CZB36SS1	115V, 60Hz, 1.5A	R600a / 30g	NA
YC-760	115V, 60Hz, 1.8A	R600a / 70g	NA
YC-100A, YC-100C, YC-60, YC-60A, YC-32, YC-32A	115V, 60Hz, 1.4A	R600a / 43g	NA
YC-100B, YH-32A	115V, 60Hz, 1.0A	R600a / 43g	130 W
YC-18	115V, 60Hz, 1.0A	R600a / 13g	NA
YH-12, YH-18, YH-24	115V, 60Hz, 0.9A	R600a / 15g	NA

Other Ratings	NA

3.0 Product Photographs

Photo 1 - External view of model YC-510D2Z

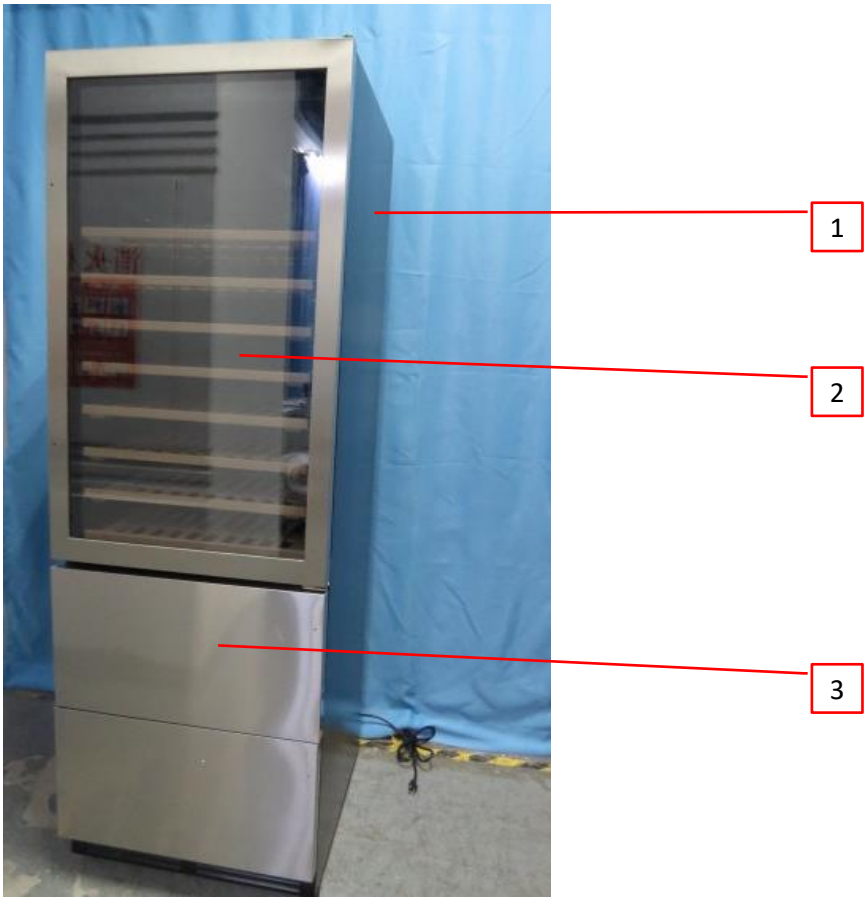


Photo 2 - External view of model YC-510A

3.0 Product Photographs

Photo 3 - External view of model YC-510D2Z, also represented model YC-510A

Photo 4 - Internal view of model YC-510D2Z

3.0 Product Photographs

Photo 5 - Internal view of drawers of model YC-510D2Z

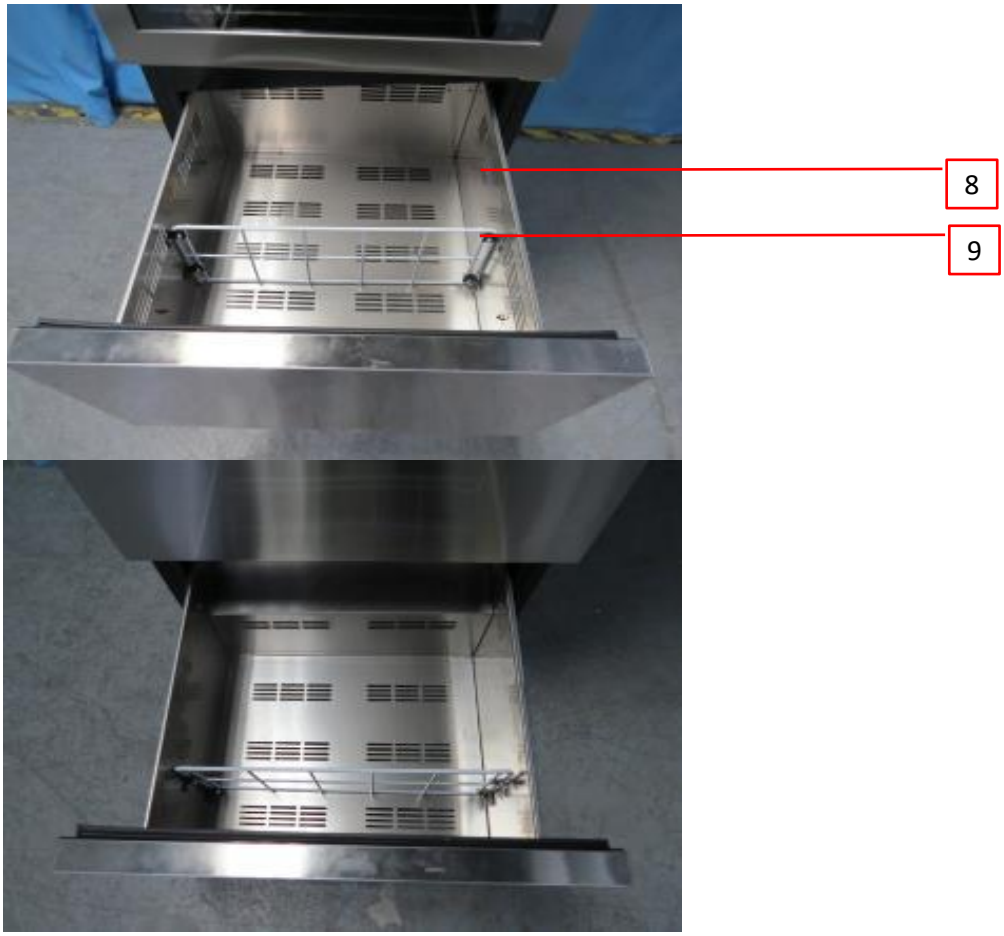


Photo 6 - Internal view of drawers of model YC-510A

3.0 Product Photographs

Photo 7 - Internal view of the upper cabinet of model YC-510D2Z

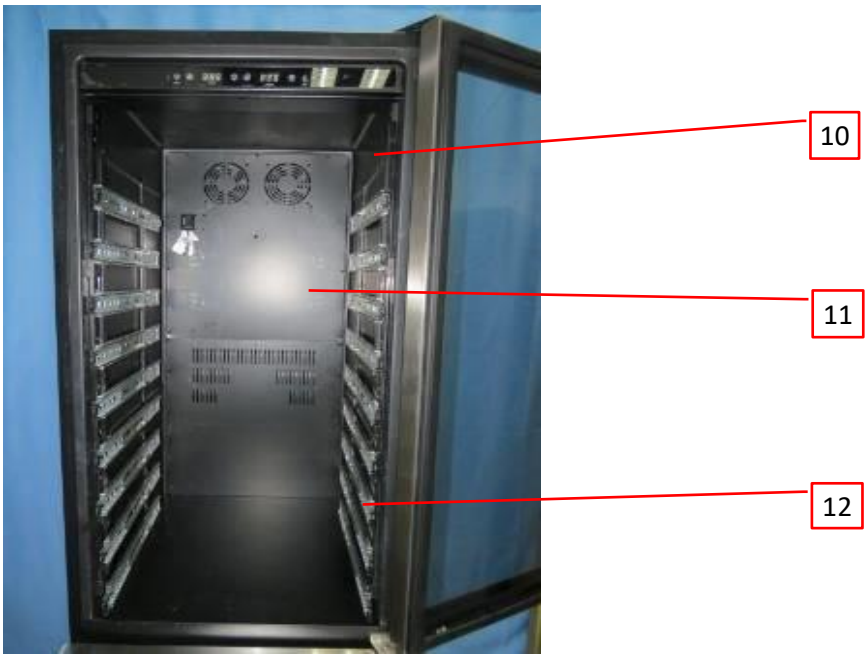
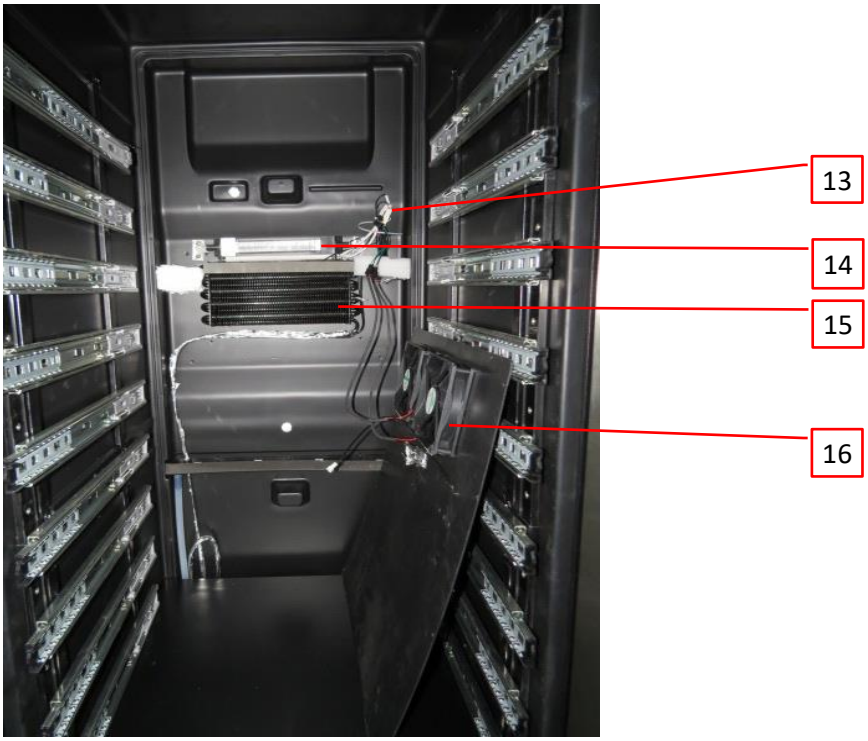


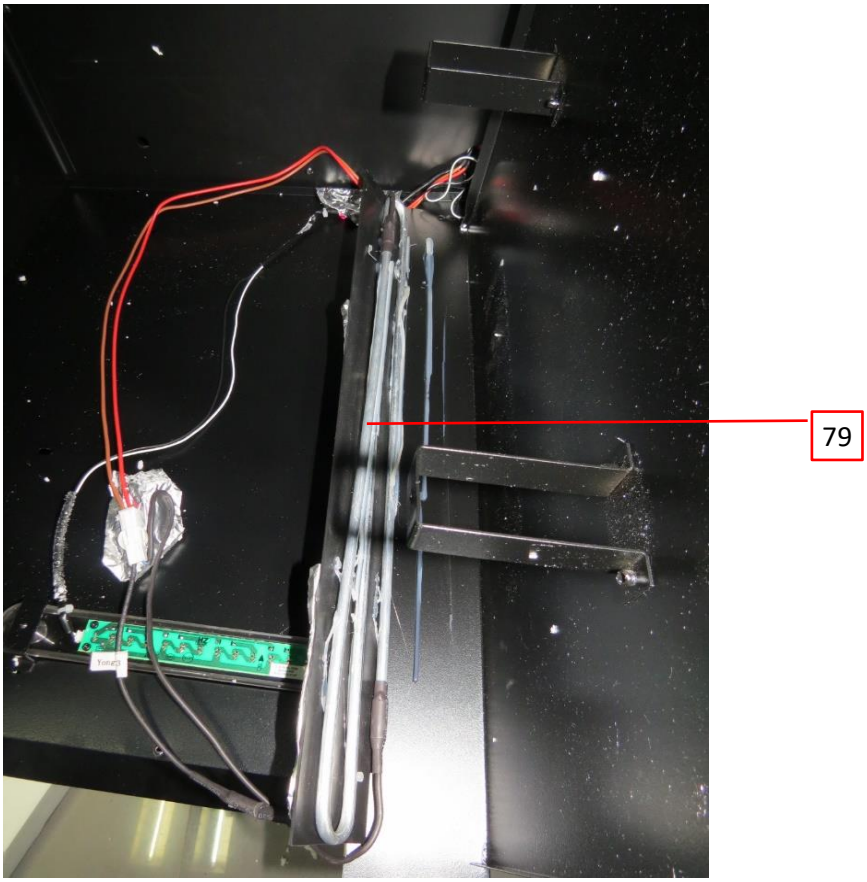
Photo 8 - Internal view of the upper cabinet of model YC-510D2Z



3.0 Product Photographs

Photo 8a - Internal view of the upper cabinet of model YC-510D2Z

Photo 8b - Internal view of the upper cabinet of model YC-510D2Z



3.0 Product Photographs

Photo 9 - Internal view of the upper cabinet of model YC-510D2Z

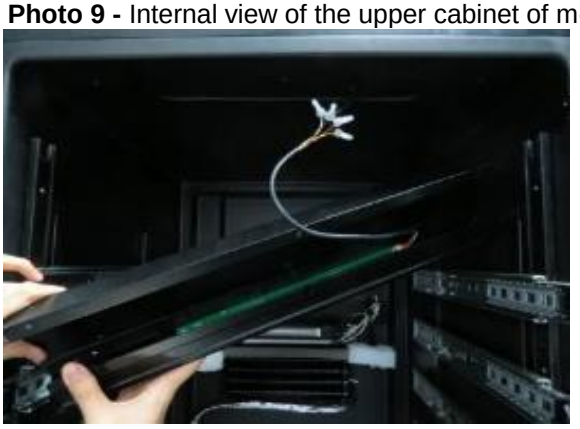


Photo 10 - Internal view of the lower cabinet of model YC-510D2Z

Photo 11 - Internal view of the lower cabinet of model YC-510D2Z

3.0 Product Photographs

Photo 11a - Internal view of the lower cabinet of model YC-510D2Z

Photo 11b - Internal view of the lower cabinet of model YC-510D2Z

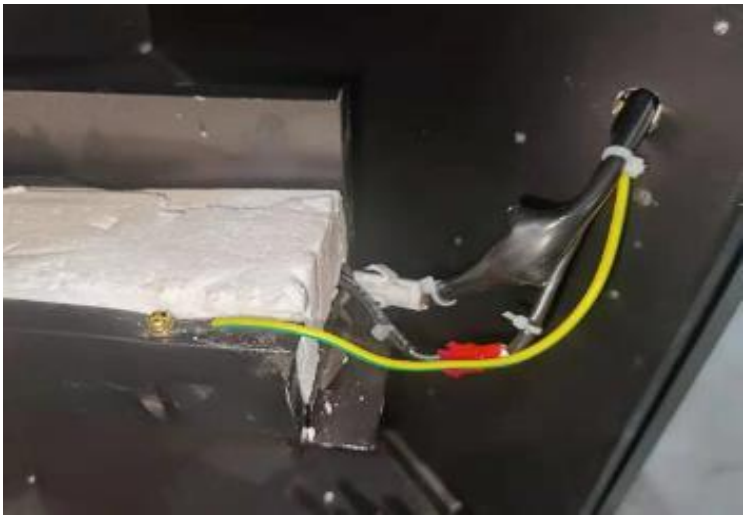


Photo 11c - Detail view of the lower cabinet frame of model YC-510D2Z

3.0 Product Photographs

Photo 12 - Internal view of lower cabinet of model YC-510D2Z

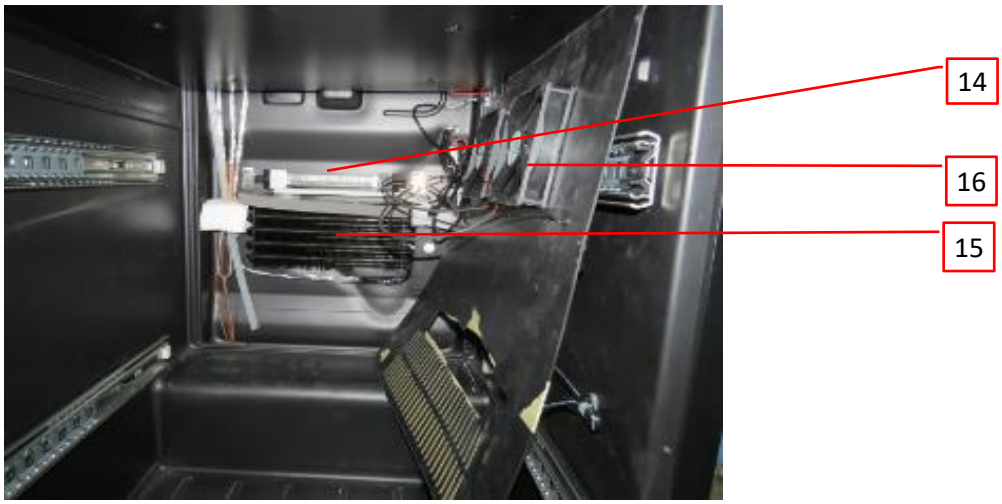


Photo 13 - Internal view of model YC-510A

3.0 Product Photographs

Photo 14 - Internal view of model YC-510A

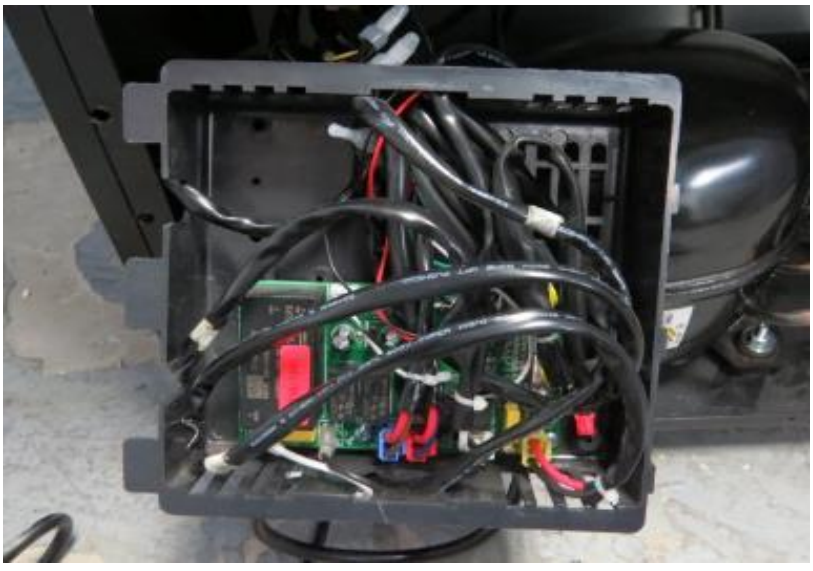
Photo 15 - Internal view of model YC-510D2Z

3.0 Product Photographs

Photo 16 - Internal view of model YC-510A

Photo 17 - Internal view of model YC-510D2Z, also represented model YC-510A

Photo 18 - Internal view of model YC-510D2Z, also represented model YC-510A



3.0 Product Photographs

Photo 19 - External view of model YC120-2D

Photo 20 - External view of model YC120-2D

Photo 21 - Bottom view of model YC120-2D

3.0 Product Photographs

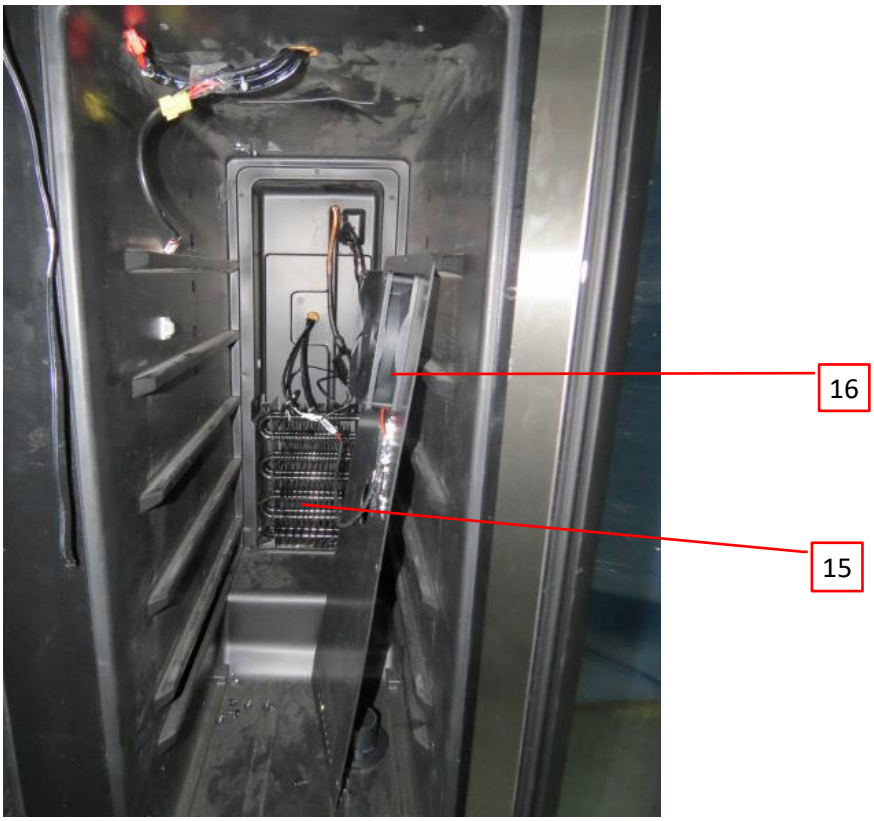
Photo 22 - Internal view of model YC120-2D

Photo 23 - Internal view of model YC120-2D

3.0 Product Photographs

Photo 24 - Internal view of model YC120-2D

Photo 25 - Internal view of model YC120-2D



3.0 Product Photographs

Photo 26 - Internal view of model YC120-2D

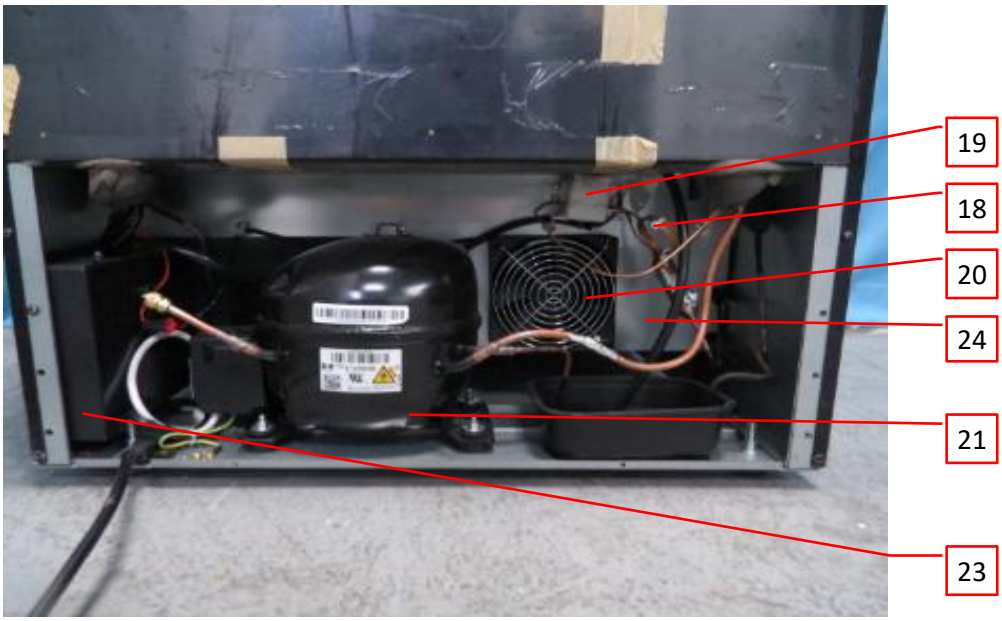


Photo 27 - Internal view of model YC120-2D

3.0 Product Photographs

Photo 28 - View of switching power supply model YH005, used for model YC-120-2D

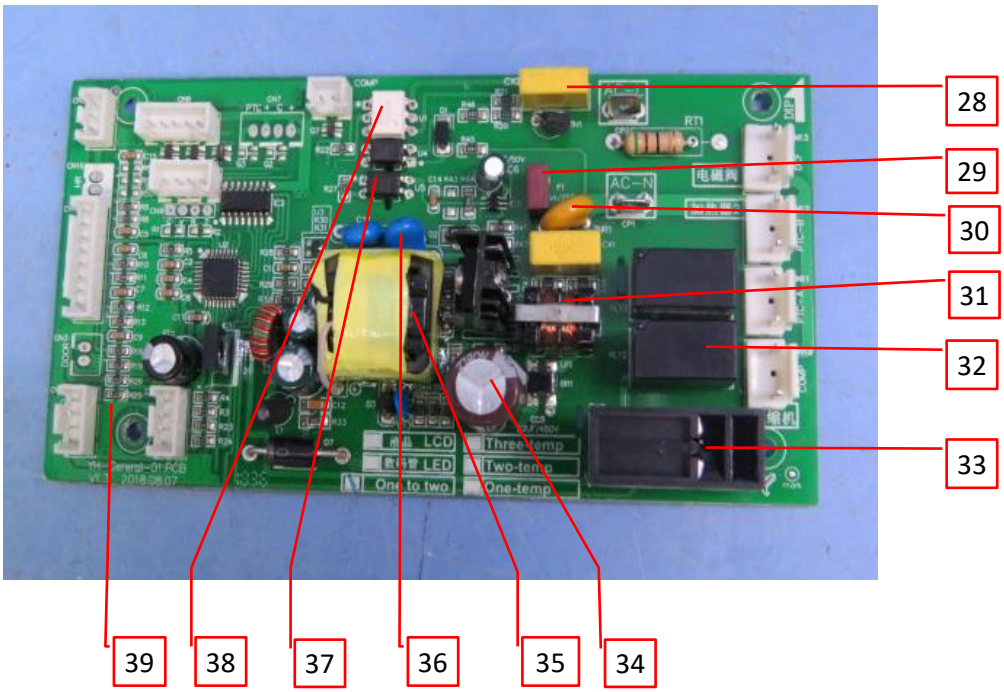


Photo 29 - View of switching power supply model YH005, used for model YC-120-2D

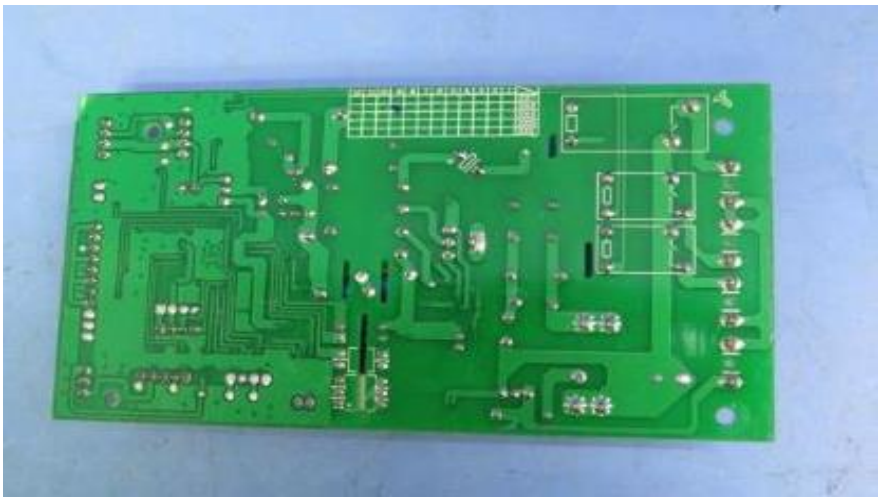
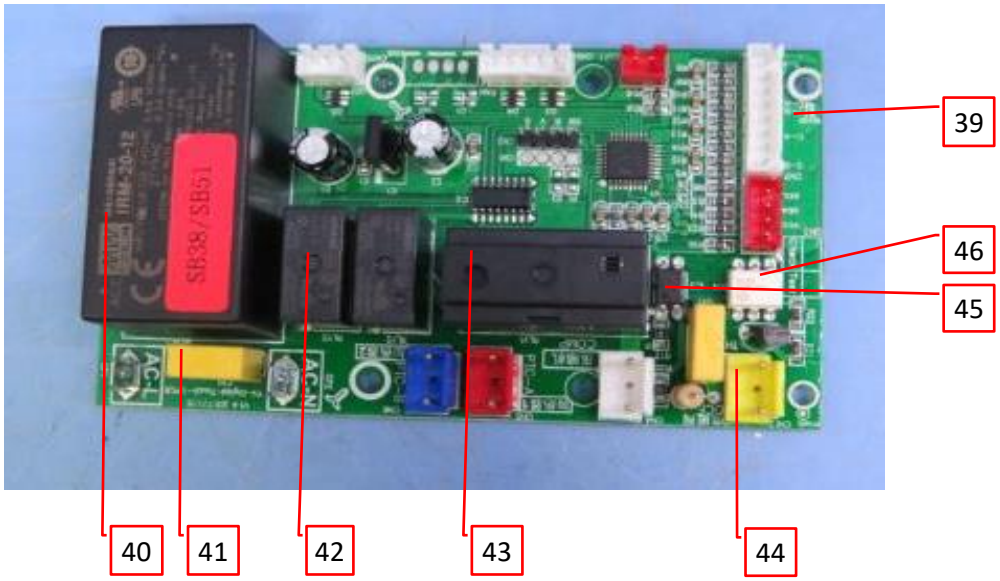


Photo 30 - View of power PCB of models YC-510D2Z, YC-760



3.0 Product Photographs

Photo 31 - View of power PCB of models YC-510D2Z, YC-760

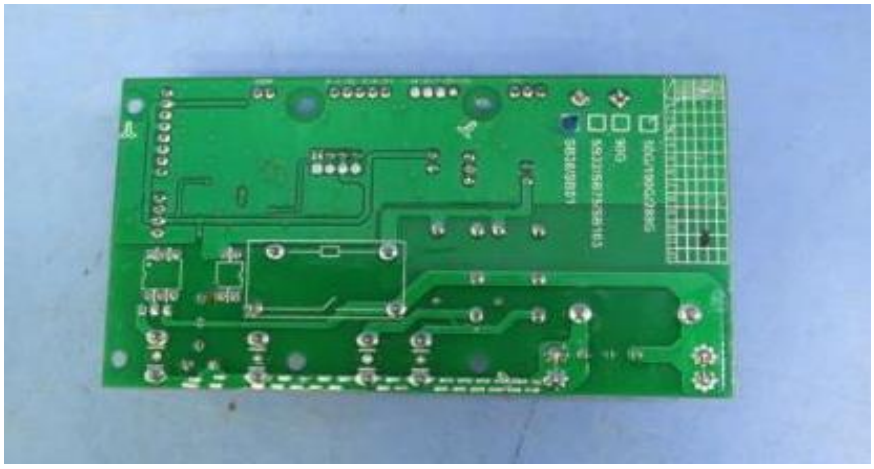


Photo 32 - View of power PCB of model YC-510A

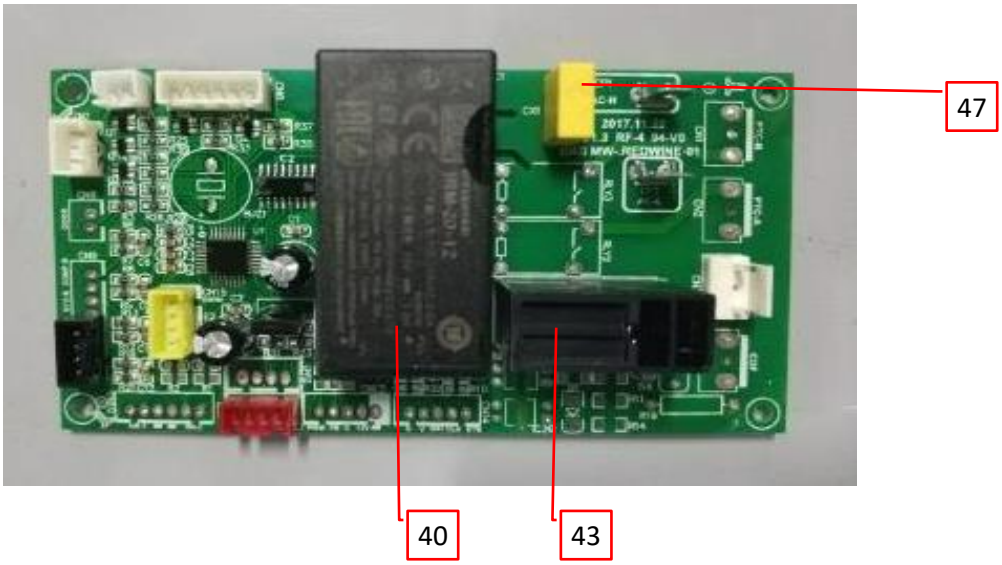
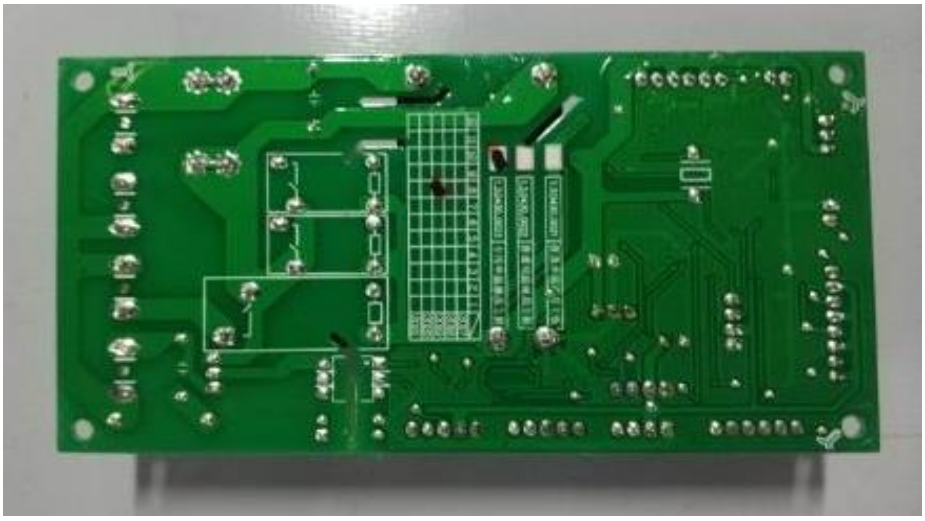


Photo 33 - View of power PCB of model YC-510A



3.0 Product Photographs

Photo 34 - View of alternative power PCB model YH-3C, used for model YC-510A

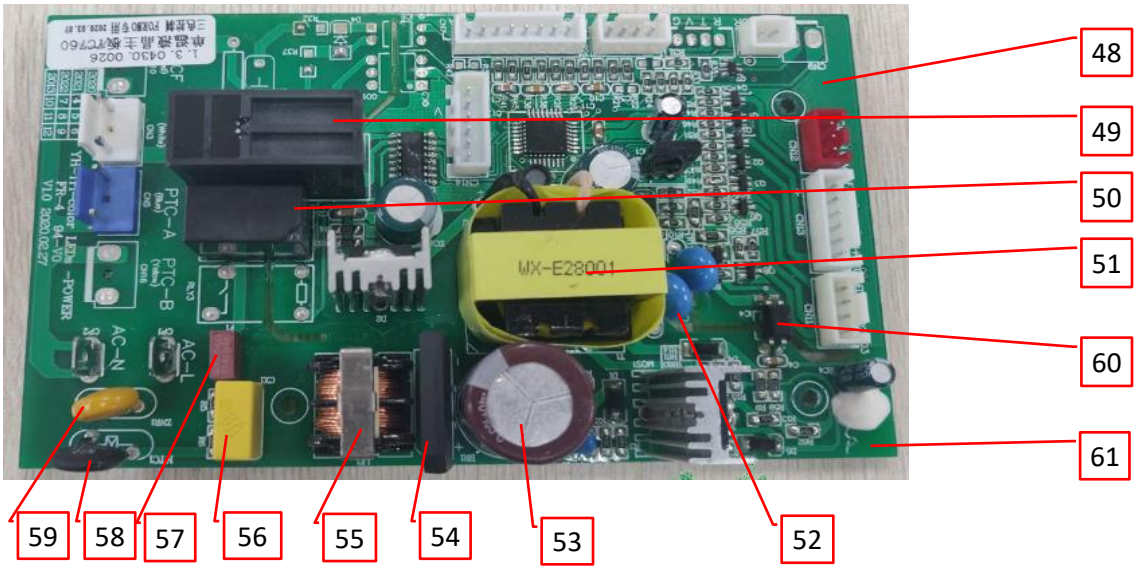


Photo 35 - View of alternative power PCB model YH-3C, used for model YC-510A

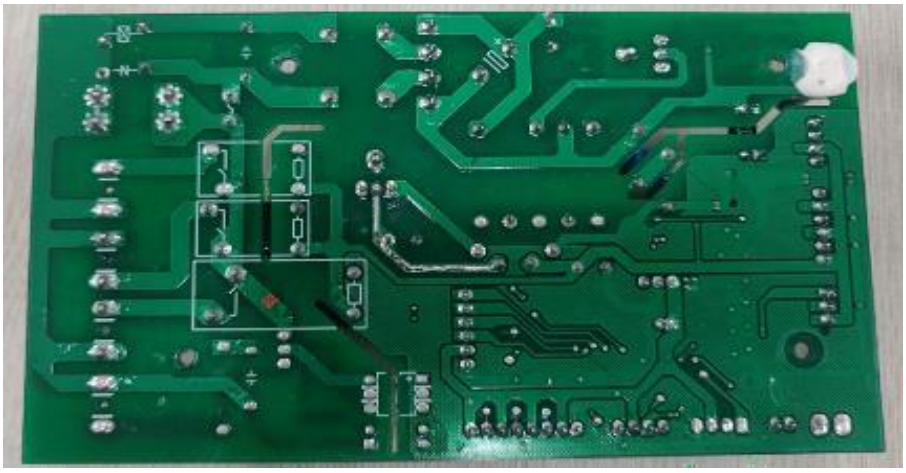


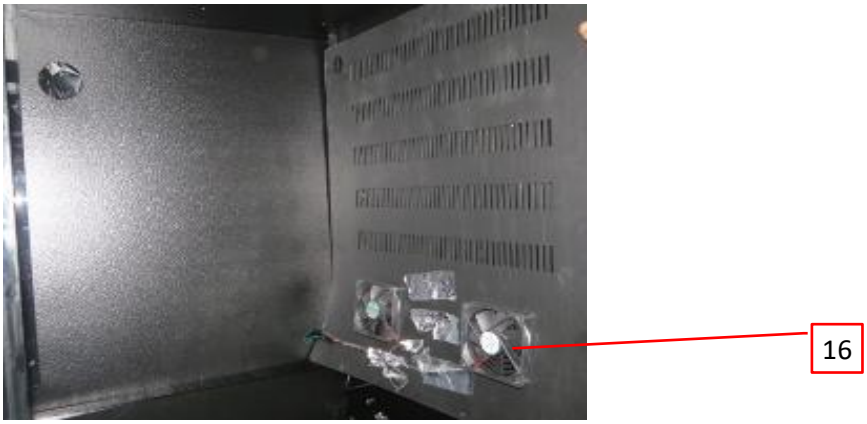
Photo 36 - External view of model YC-760

3.0 Product Photographs

Photo 37 - Internal view of model YC-760

Photo 38 - Internal view of model YC-760

Photo 39 - Internal view of model YC-760



3.0 Product Photographs

Photo 40 - External view of model YC-760

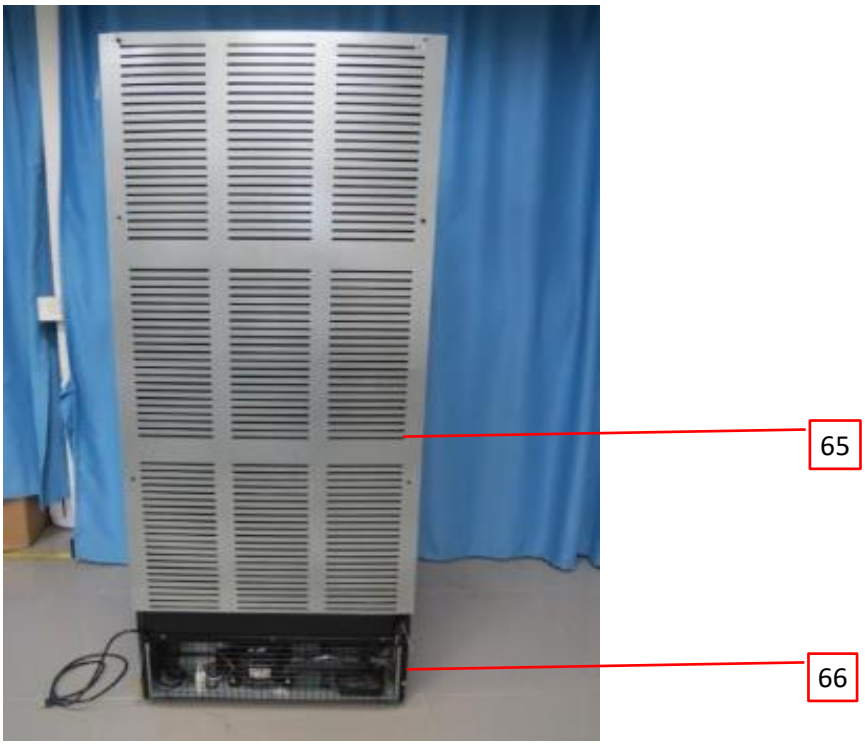


Photo 41 - Internal view of model YC-760

3.0 Product Photographs

Photo 42 - External view of model YC-760

Photo 43 - Internal view of model YC-760

Photo 44 - Internal view of model YC-760

3.0 Product Photographs

Photo 45 - Internal view of model EF20

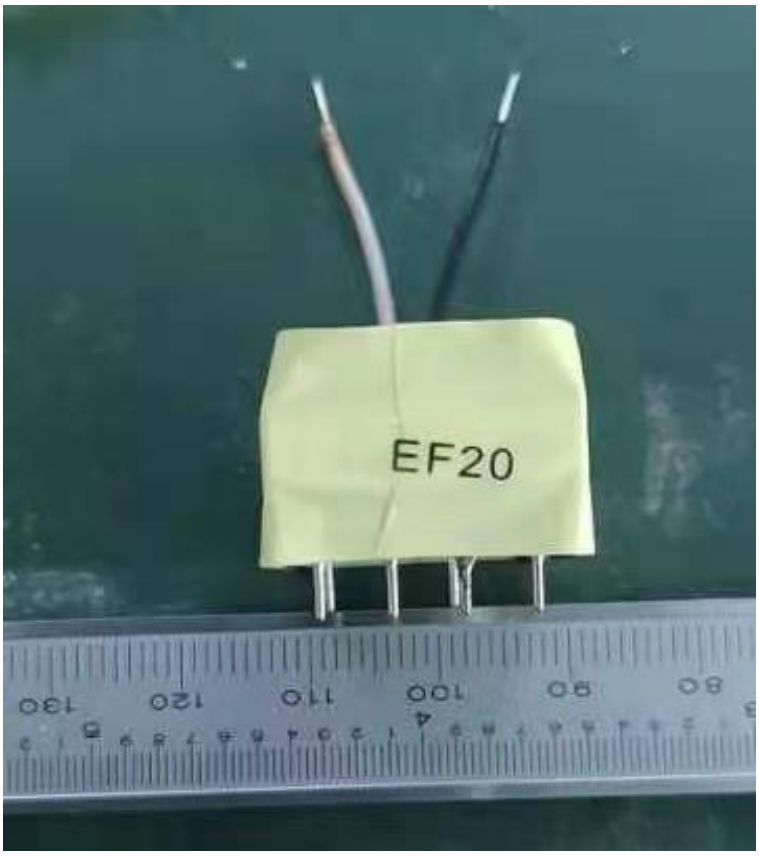


Photo 46 - Internal view of model EF20

3.0 Product Photographs

Photo 47 - Internal view of model WX-E28001

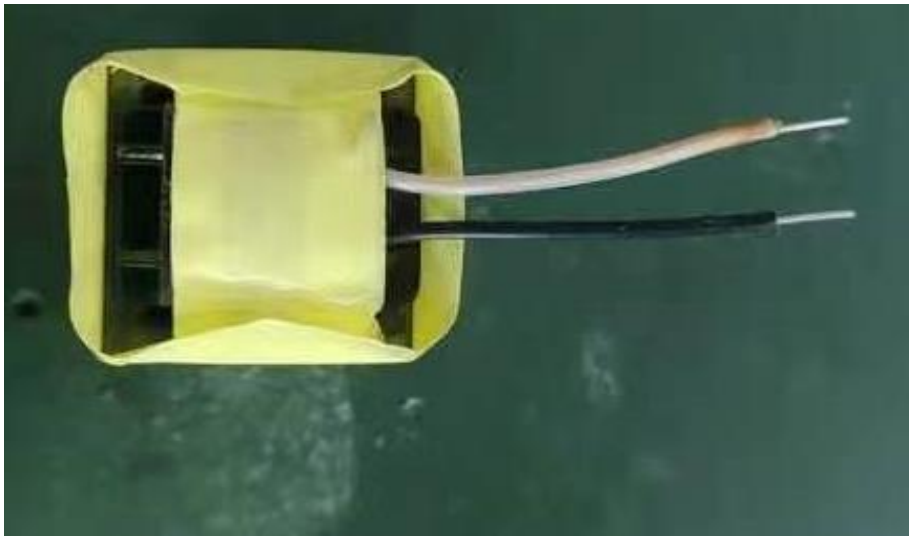


Photo 48 - Internal view of model WX-E28001

3.0 Product Photographs

Photo 49 - External view of model YC-100A, also represent model YC-100B

Photo 50 - External view of model YC-100A, also represent model YC-100B

3.0 Product Photographs

Photo 51 - Bottom view of model YC-100A, also represent model YC-100B

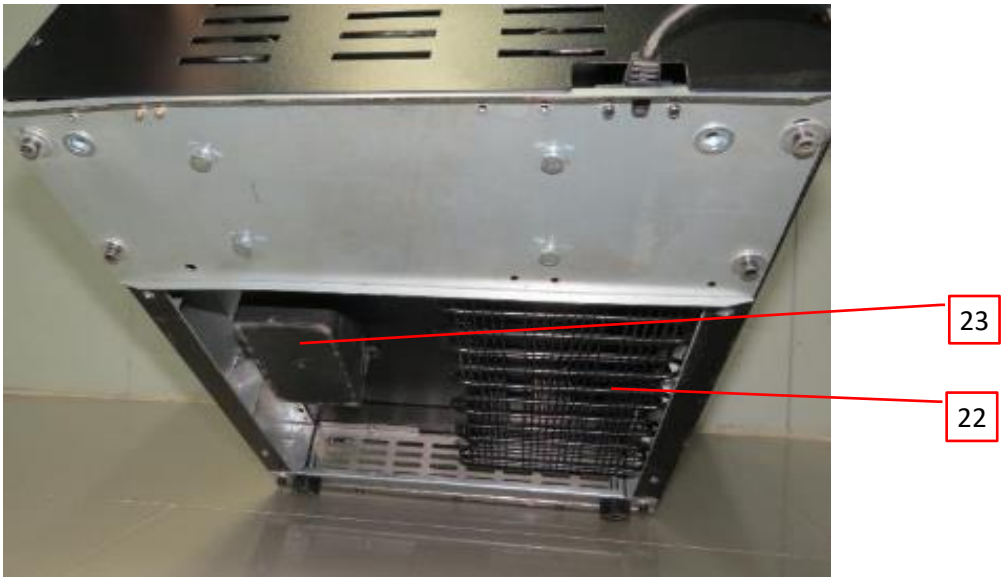


Photo 52 - Internal view of model YC-100A, also represent model YC-100B

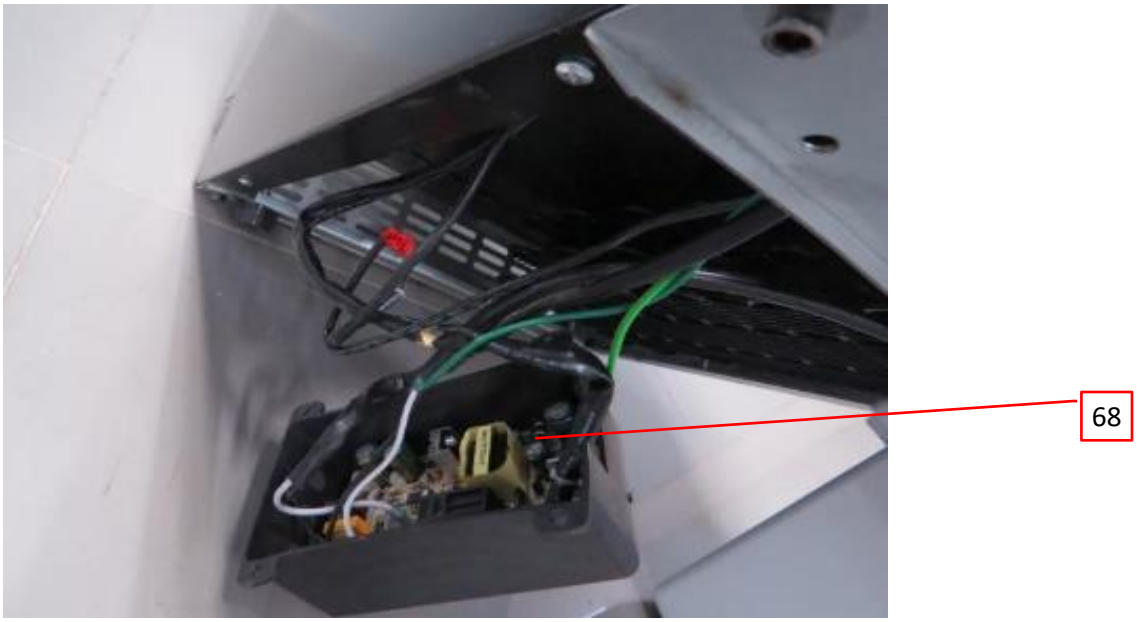
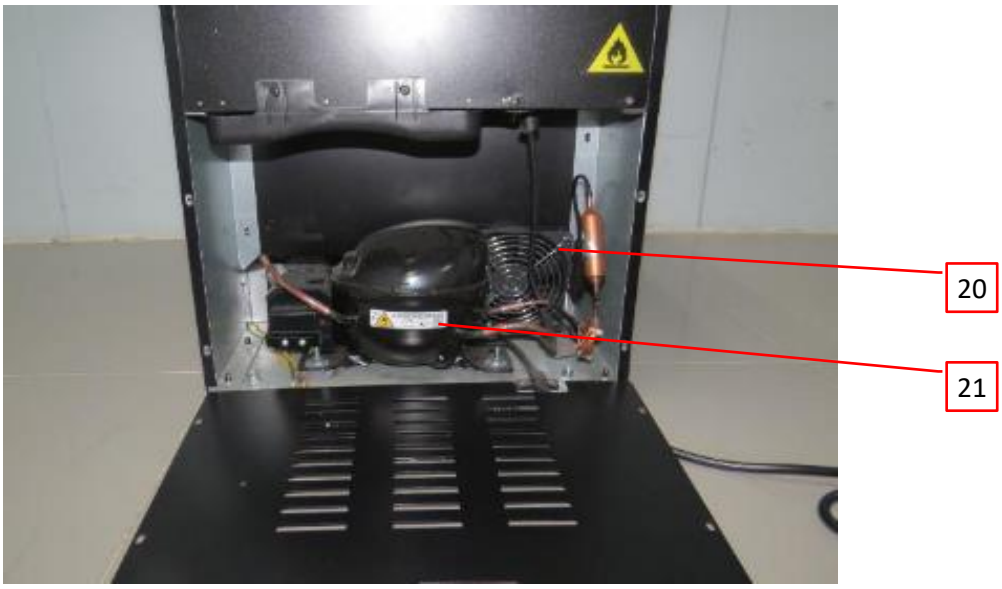


Photo 53 - Internal view of model YC-100A, also represent model YC-100B



3.0 Product Photographs

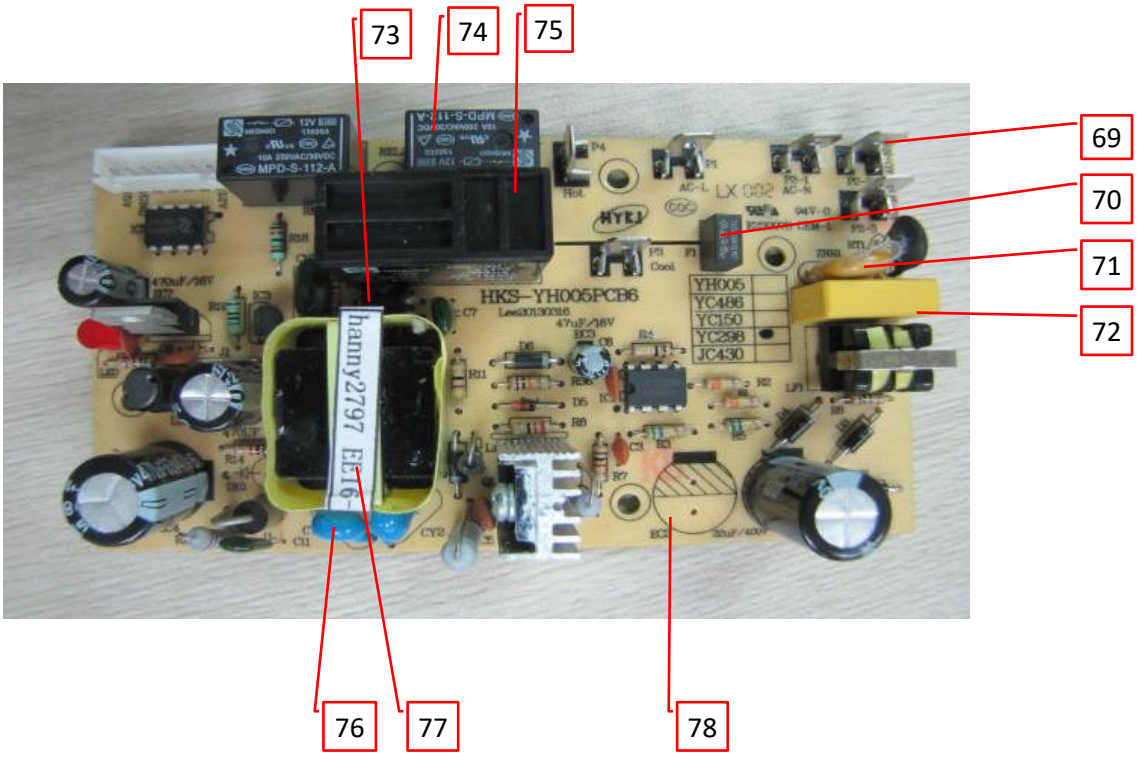
Photo 54 - Internal view of model YC-100A

Photo 55 - Internal view of model YC-100A

3.0 Product Photographs

Photo 56 - Internal view of model YC-100A

Photo 57 - View of class 2 power supply model YH 005



3.0 Product Photographs

Photo 58 - View of class 2 power supply model YH 005

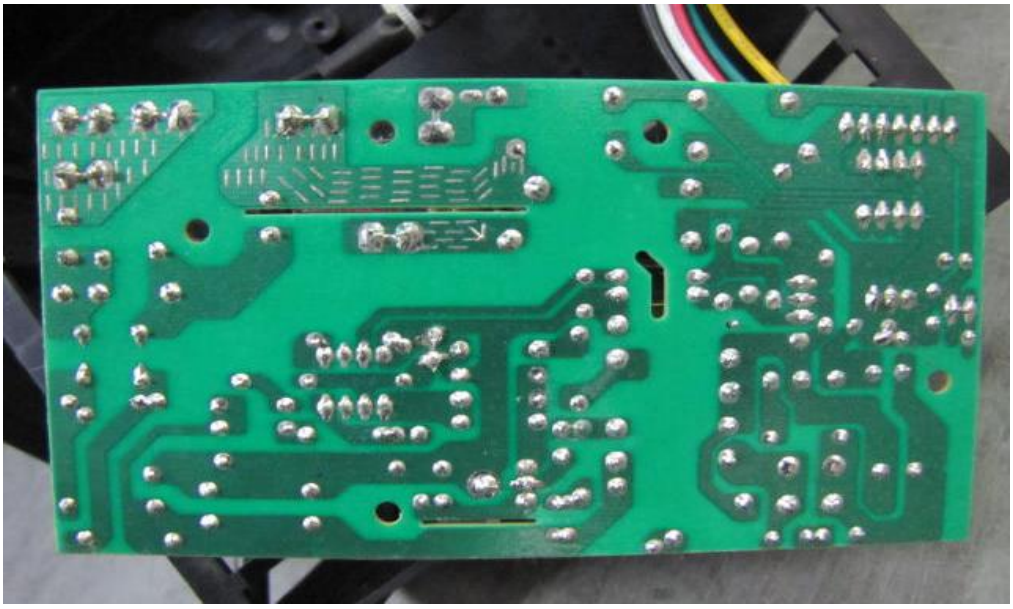
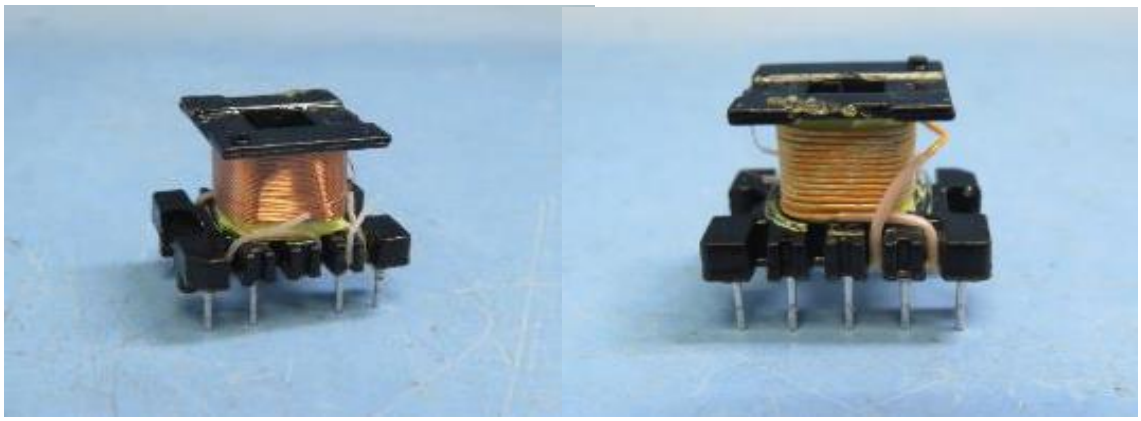


Photo 59 - View of transformer model EE16-25

Photo 60 - View of transformer model EE16-25



3.0 Product Photographs

Photo 61 - View of door frame heater

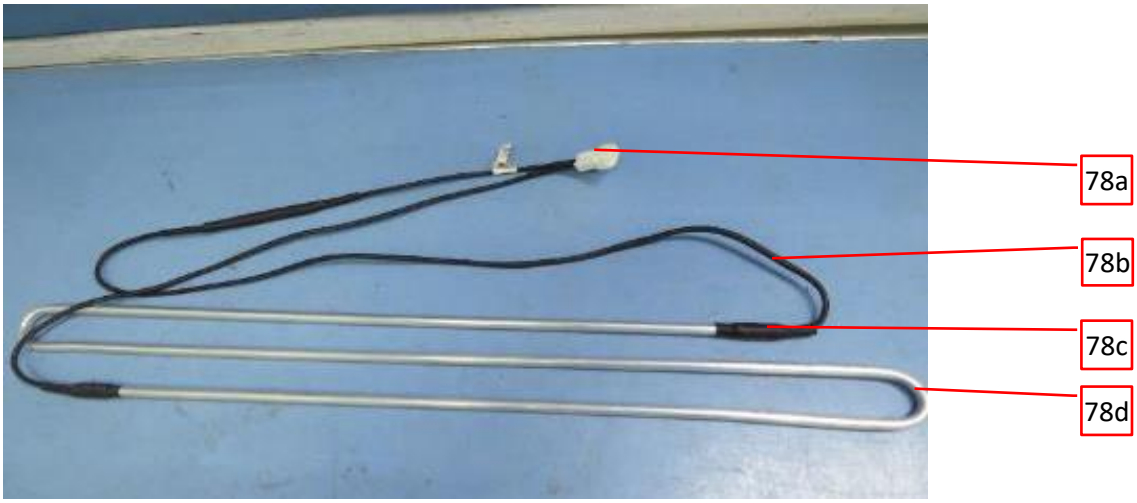


Photo 62 - External view of model YC-18

Photo 63 - External view of model YC-18

3.0 Product Photographs

Photo 64 - External view of model YC-18

Photo 65 - Internal view of model YC-18

3.0 Product Photographs

Photo 66 - Internal view of model YC-18

Photo 67 - Internal view of model YC-18

3.0 Product Photographs

Photo 68 - Internal view of model YC-18

Photo 69 - Internal view of model YC-18

3.0 Product Photographs

Photo 70 - Internal view of model YC-18

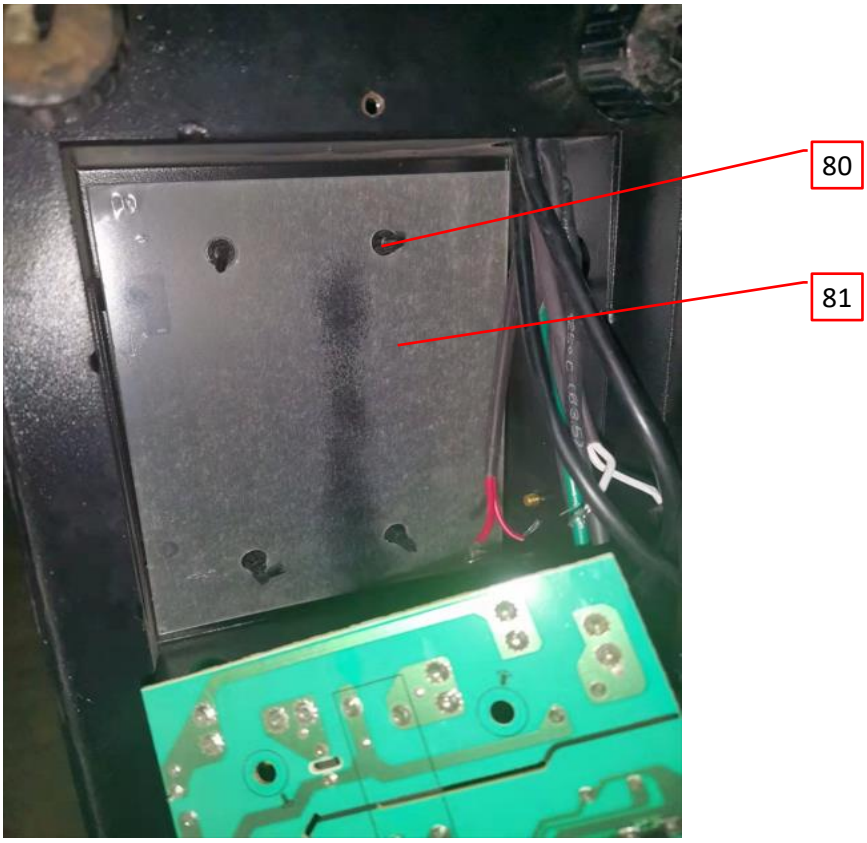


Photo 71 - Internal view of model YC-18

3.0 Product Photographs

Photo 72 - External view of model YH-24

Photo 73 - External view of model YH-24

Photo 74 - External view of model YH-24 (The detail construction of machine compartment see photo 75 and 80.)

3.0 Product Photographs

Photo 75 - External view of model YH-24

Photo 76 - Internal view of model YH-24

Photo 77 - Internal view of model YH-24

3.0 Product Photographs

Photo 78 - Internal view of model YH-24

Photo 79 - Internal view of model YH-24

Photo 80 - Internal view of model YH-24

3.0 Product Photographs

Photo 81 - Internal view of model YH-24

Photo 82 - External view of model YH-18

Photo 83 - External view of model YH-18 (The detail construction of machine compartment see photo 84 and 85.)

3.0 Product Photographs

Photo 84 - External view of model YH-18

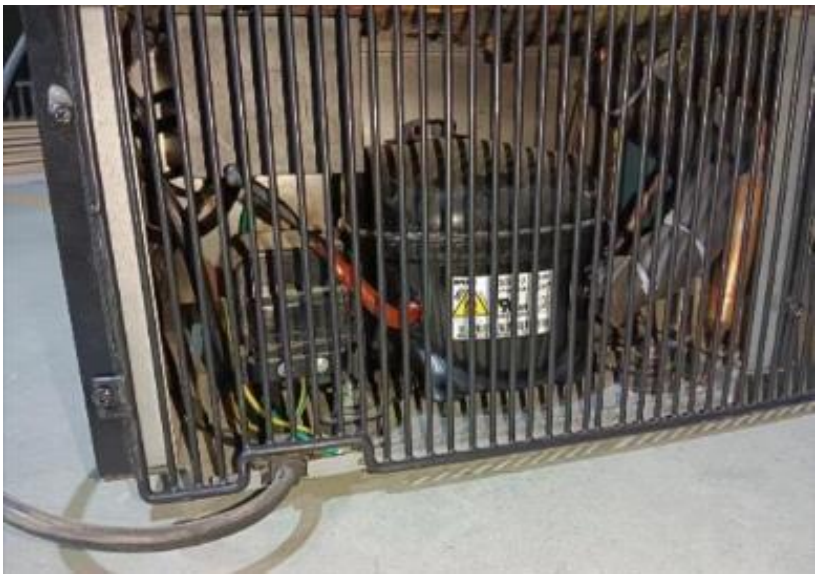


Photo 85 - Internal view of model YH-18

Photo 86 - Internal view of model YH-18

3.0 Product Photographs

Photo 87 - External view of model YH-12

Photo 88 - External view of model YH-12 (The detail construction of machine compartment see photo 89 and 91.)

Photo 89 - External view of model YH-12

3.0 Product Photographs

Photo 90 - External view of model YH-12

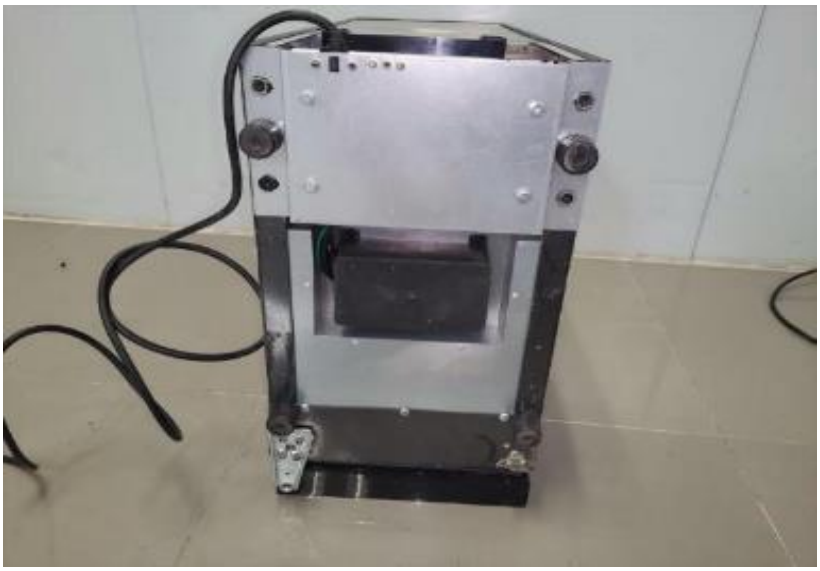


Photo 91 - Internal view of model YH-12

Photo 92 - Internal view of model YH-12

3.0 Product Photographs

Photo 93 - View of Power PCB model JC18

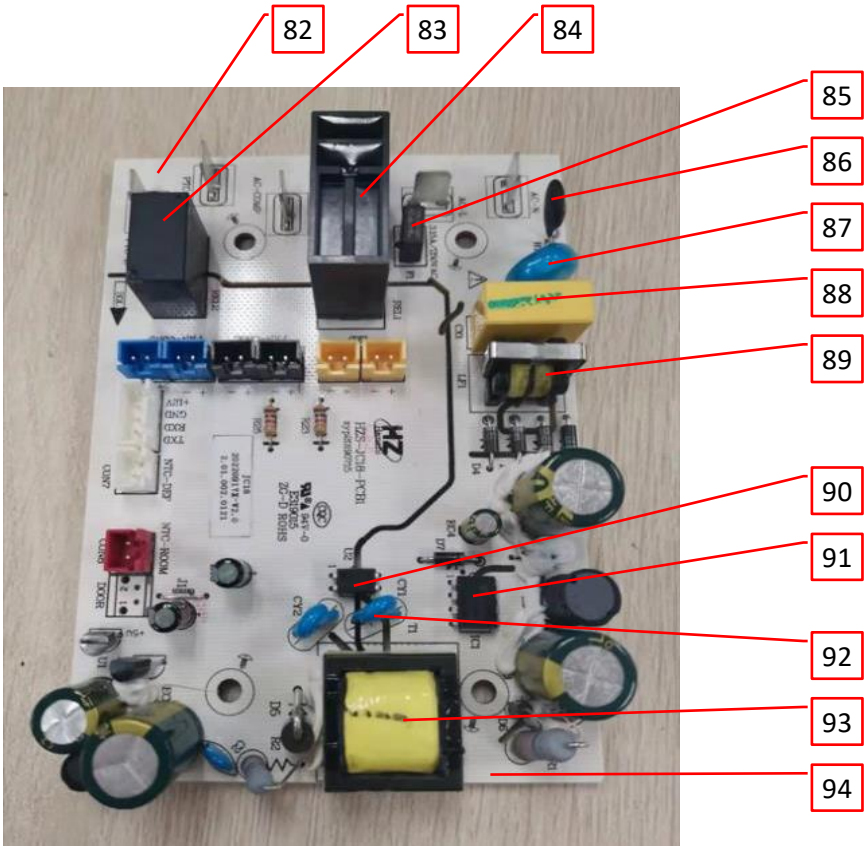
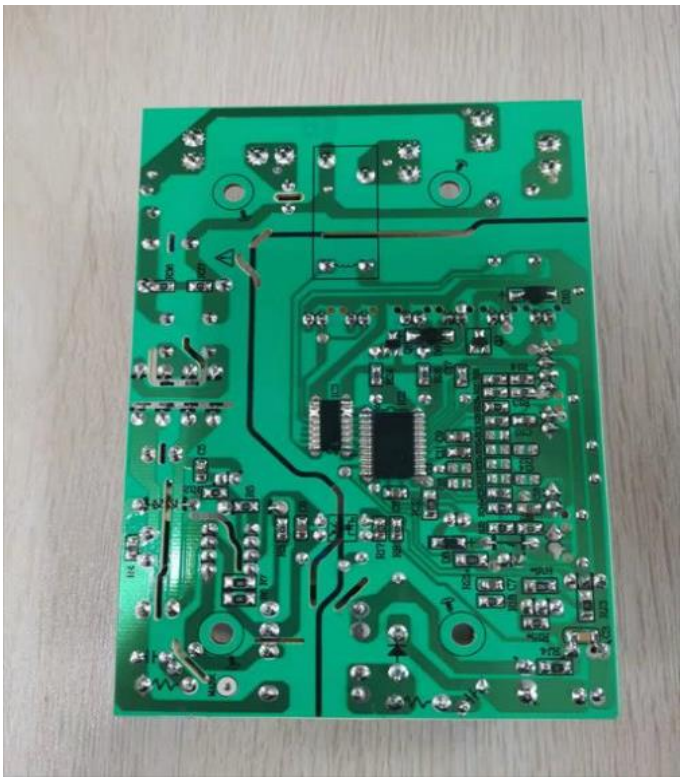


Photo 94 - View of Power PCB model JC18



3.0 Product Photographs

Photo 95 - View of Power PCB model SST-E16

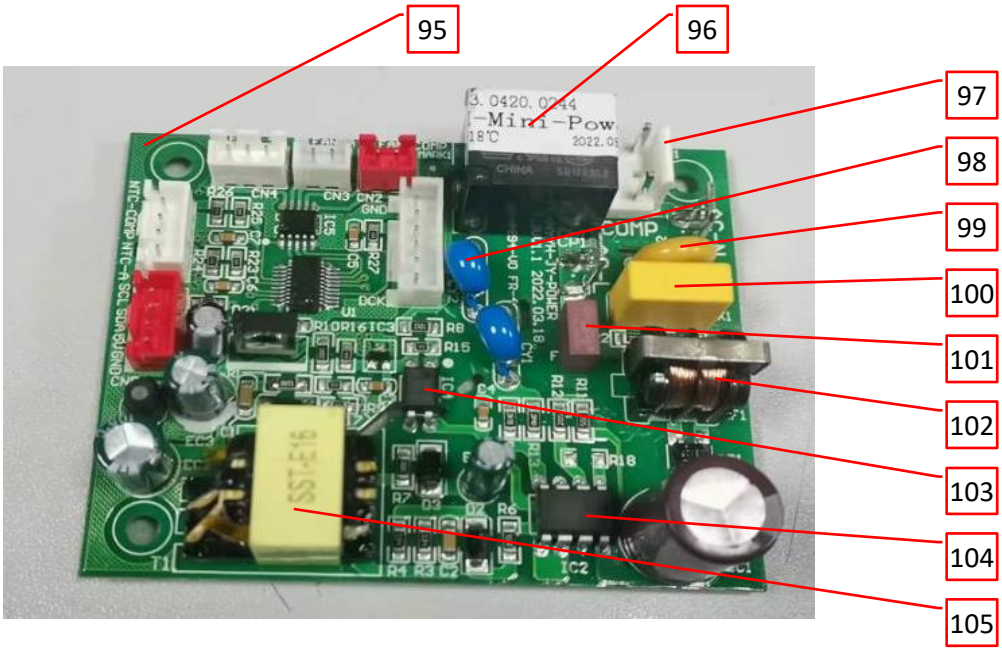


Photo 96 - View of Power PCB model SST-E16

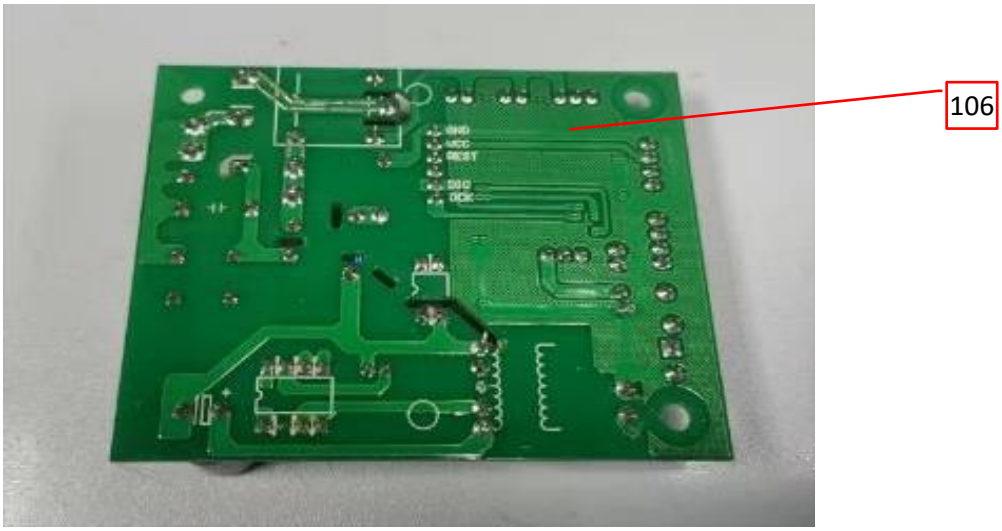
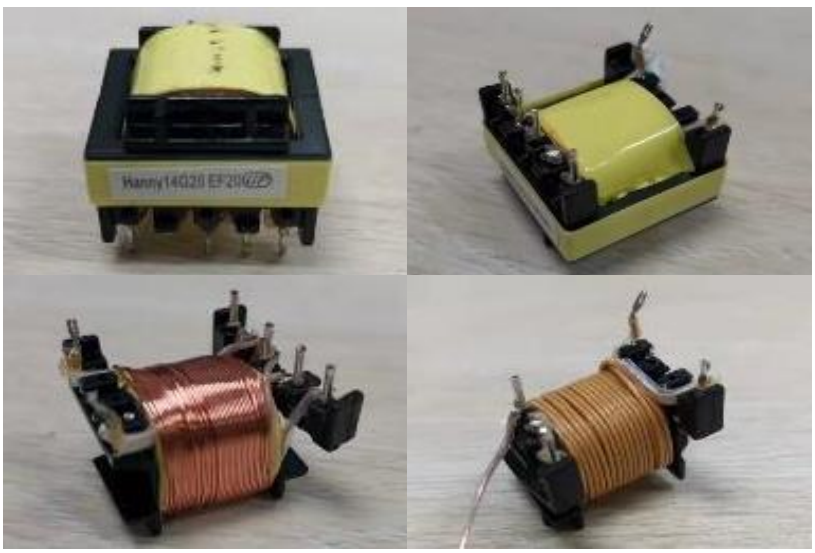


Photo 97 - View of transformer model Hanny14G20 EF20



3.0 Product Photographs

Photo 98 - View of transformer model EE16-10-1.1mH

Photo 99 - Internal view of model YC-100B

3.0 Product Photographs

Photo 100 - Internal view of model YC-100B

Photo 101 - Internal view of model YC-100B

4.0 Critical Components

Photo #	Item no.[1]	Name	Manufacturer/ trademark[2]	Type / model[2]	Technical data and securement means	Mark(s) of conformity [3]
1	1	Metal enclosure	Various	Various	Made by painted sheet steel, 0.5 mm thickness for top and two sides, 0.4 mm thickness for rear enclosure. Used for all models.	NR
1, 2, 19, 36	2	Glass Door	FOSHAN SHUNDE CHANGZHU PLASTICS INDUSTRIAL Co., Ltd	Various	Two layers tempered glass. The thickness of single layer is 4 mm. Used for all models.	NR
1	3	Front Enclosure of Drawer and Glass Door	Various	Various	Made by painted sheet steel, 0.3 mm in thickness.	NR
3	4	Rear Cover	Various	Various	Made by painted sheet steel, 0.4 mm in thickness. Fixed to the rear enclosure by screws. Used for all models except model YC-760, YC-18, YH-12, YH-18, YH-24.	NR
75	4a	Rear Cover	Various	Various	Formed of painted steel wire φ2 mm. Fixed to the rear enclosure by screws. The width of the guard opening measured 9.6 mm. Used for models YH-12, YH-18, YH-24.	NR
3	5	Power Supply Cord Set	Various	Various	SJT, 18 AWG×3C, rating: 300 V, 105°C, VW-1, length in range of 1.5-3.0 m, integrally molded with strain relief, terminated in a 3-wire grounding attachment plug, NEMA Config 5-15P.	cULus or cETLus
3	6	Marking Label and Caution Marking Label (not shown)	ZHONGSHAN JIATENG PRINTING CO LTD	JJ-04	Affixed to steel metal sheet, rated temperature 150°C. UL Category PGDQ2 and PGDQ8.	cURus
			Various	Various	Affixed to steel metal sheet, rated temperature min. 80°C. UL Category PGDQ2 and PGDQ8.	cURus
4, 22	7	Shelf	Various	Various	Maded by wood, measured min.3.0 mm in thickness. For all models except YC-18, YH-24, YH-18, YH-12.	NR
65	7a	Shelf	Various	Various	Made by plated steel wire, φ1.0 mm. For models YC-18, YH-24, YH-18, YH-12.	NR
76	7b	Shelf	Various	Various	Made by wood, measured 5 mm thick. For model YH-24.	NR
5	8	Drawer	Various	Various	Made by painted sheet steel, 0.3 mm in thickness.	NR
5	9	Grille of Drawer	Various	Various	Made by plated steel wire, Φ 6.0 mm for outside frame, Φ 3.0mm for inside wire. Fixed to the drawer by screws.	NR

4.0 Critical Components						
7	10	Cabinet Liner	INEOS STYROLUTION POLYMERS (FOSHAN) COMPANY LIMITED	4440	PS, all color, HB, 50°C, minimum 1.5 mm thickness.	cURus
7, 54	11	Evaporator Cover	INEOS STYROLUTION POLYMERS (FOSHAN) COMPANY LIMITED	4440	PS, all color, HB, 50°C, measured 2.0 mm thickness. Provided some air outlet opening measured 5.7 mm in width.	cURus
7	12	LED Light Cover	SHANGHAI SECCO PETROCHEMICAL CO LTD	GPPS123	PS, NC color, HB, 50°C, min thickness 1.5 mm.	cURus
8	13	Quick Connector for PTC Heater	Various	Various	Rated 250 V, min. 2 A, the composition of the plastic material rated at least V-1.	cURus
8, 12	14	PTC Heater	SHENZHEN SHARING ELECTRONICS CO LTD DONGGUAN BRANCH	SHHB-MM-VVV-WWWW	Rated 110-120 V, 60 Hz, 130W. Used for model YC-510D2Z and YC-100B.	cURus
8, 12, 14, 25, 56	15	Evaporator	Various	Various	Made by copper tube, outside diameter 9.5 mm, thickness 1.25mm. Refer to Illustration No. 6.1 for detail size. Used for model YC-510D2Z.	NR
			Various	Various	Made by aluminium tube, outside diameter 8 mm, thickness 0.7 mm, refer illustration 6.2 for details size. Used for model YC-510A.	NR
			Various	Various	Made by copper tube, outside diameter 6 mm, thickness 0.55 mm, refer illustration 6.3 for details size. Used for model YC120-2D.	NR
			Various	Various	Made by aluminium tube, outside diameter 8 mm, thickness 0.75 mm, refer illustration 6.5 for details size. Used for model YC-100A.	NR
39	15a	Evaporator (not shown)	Various	Various	Copper type, outside diameter 6.0 mm, thickness 0.5 mm, refer to illustration No. 6.4 for details size. Used for model YC-760.	NR
67	15b	Evaporator	Various	Various	Made by aluminium tube, outside diameter 6.0 mm, thickness 0.55 mm, used for model YC-18, YH-24, YH-18, YH-12. Refer to illusrtation 6.6, 6.7 for details.	NR

4.0 Critical Components						
8, 12, 25, 39, 56	16	Evaporator Fan	ZHAOQING CHENHUI ELECTRONICS CO LTD	CHA12012BL-25B	DC12V, 0.2A.	cURus
			SHEN ZHEN JINHUIPU TECHNOLOGY CO LTD	HSP12025MS	Rated 12 VDC, 0.25 A.	cURus
			Hongkong Poweryear Technology Co Ltd	PY-8015M12S	DC12V, 0.2A. Used for model YC-18.	cURus
				PY-1225L12S	DC12V, 0.2A. Used for models YH-12, YH-18, YH-24.	cURus
			ZHAOQING CHENHUI ELECTRONICS CO LTD	CHA12012BL-25C	DC12V, 0.2A. Used for model YC-100A, YC-100B.	cURus
				CHA8012RM-15B	DC12V, 0.18A. Used for model YC-100B.	cURus
				CHA9212SL-25B	DC12V, 0.1A. Used for model YC-100B.	cURus
			Xinruilian Science & Technology Co Ltd	RDH8015S	DC12 V, 0.18 A. Used for model YC-100B.	cURus
11	17	LED Light Cover	SHANGHAI SECCO PETROCHEMICAL CO LTD	GPPS123	PS, NC color, HB, 50°C, min thickness 1.5 mm.	cURus
15, 26	18	Capillary Tube	Various	Various	Outside diameter 1.8 mm, thickness 0.5 mm, Length: 1800 mm. Used for all models except YC-760, YC-18, YH-12, YH-18, YH-24.	NR
			Various	Various	Outside diameter 1.8 mm, thickness 1.0 mm, Length: 1900 mm. Used for model YC-760.	NR
			Various	Various	Outside diameter 1.8 mm, thickness 0.6 mm, Length: 1200 mm. Used for models YC-18, YH-12, YH-18, YH-24.	NR
15, 26	19	Magnetic Valve	ZHEJIANG SANHUA INTELLIGENT CONTROLS CO LTD	KMV432	Rated 100-127 V, 50/60 Hz, for models YC-510D2Z, YC120-2D.	cURus

4.0 Critical Components						
15, 26, 43, 53	20	Condenser Fan	SHEN ZHEN JINHUIPU TECHNOLOGY CO LTD	HSP12025MS	Rated 12 VDC, 0.25 A, secured to base enclosure by screws. 2 provided for models YC-510D2Z, YC-510A, 1 provided for model YC-120-2D, YC-760, YC-100A.	cURus
			SHENZHEN POWERYEAR TECHNOLOGY CO LTD	PY-9225L12B	DC12V, 0.16A. Used for model YC-18.	cURus
			ZHAOQING CHENHUI ELECTRONICS CO LTD	CHA12012BL-25C	DC12V, 0.2A. Used for model YC-100B.	cURus
15, 26, 43, 53	21	Compressor	WANBAO GROUP COMPRESSOR CO LTD	ETB80U6L	115 VAC, 60 Hz, 1PH, thermally protected, R600a, used for models YC-510D2Z, YC-510A.	cURus
			WANBAO GROUP COMPRESSOR CO LTD	EYA55U6	115 VAC, 60 Hz, 1PH, thermally protected, R600a, used for model YC-120-2D.	cURus
			WANBAO GROUP COMPRESSOR CO LTD	ETB90U6	115 VAC, 60 Hz, 1PH, thermally protected, R600a, used for model YC-760.	cURus
			Embraco Industria de Compressores e Solucoes em Refrigeracao Ltda	EMYS45CLP	115-127V, 60Hz, 1PH, thermally protected, R600a, used for model YC-120-2D.	cURus
			ANHUI MEIZHI COMPRESSOR CO LTD	FZ59E1G-U	115-127V, 60Hz, 1PH, LRA 7.7A, thermally protected, R600a, used for model YC-120-2D.	cURus
				FZ35Y1M-U	115-127V, 60Hz, 1PH, LRA 4A, thermally protected, R600a, used for models YC-120-2D, YC-100A, YC-100B.	cURus
				FZ35S1L-U	115-127V, 60Hz, 1PH, LRA 3.9A, thermally protected, R600a, used for models YH-12, YH-18, YH-24.	cURus
			Hangzhou Qianjiang Refrigeration Compressor Group Co Ltd	MD058YA	110V-120V, 60HZ, R600a, thermally protected, used for model YC-18.	cURus

4.0 Critical Components						
15, 41, 51	22	Condenser	Various	Various	Zinc coat steel tube, outside diameter 4 mm, thickness 0.5 mm, refer illustration 5.1 for details. Used for YC-510D2Z, YC-510A.	NR
			Various	Various	Zinc coat steel tube, outside diameter 4.8 mm, thickness 0.5 mm, refer illustration 5.2 for details. Used for model YC-120-2D.	NR
			Various	Various	Painted steel tube, thickness 0.7 mm, refer illustration 5.3 for details. Used for model YC-760.	NR
			Various	Various	Bundy tube, outside diameter 4.76 mm, thickness 0.765 mm for model YC-100A. Outside diameter 4.76mm, thickness 0.65 mm for model YC-18. Outside diameter 4.0mm, thickness 0.55 mm for model YH-24, YH-18, YH-12. Refer to illustration 5.4 to 5.8 for details.	NR
15, 26, 51	23	Electric Box	CHI MEI CORPORATION	PA-765A	ABS, all color, rated 5VA, 80°C, 2.5 mm thick, secured by screws.	cURus
64	23a	PCB Cover	Various	Various	Made by painted sheet steel, 0.5 mm in thickness. Secured by screws. For model YC-18.	NR
15, 26	24	Internal Wire	Various	1015	18-22 AWG, 600 V, 105°C. For compressor and PTC heater connected.	cURus
17, 43	25	Compressor Capacitor	ANHUI FEIDA ELECTRICAL TECHNOLOGY CO LTD	CBB65A-2	Rated 250 V, 8 uF, minimum 70°C, used for compressor ETB80U6L, ETB90U6.	cURus
			ANHUI TONG FENG ELECTRONICS CO LTD	CBB65	Rated 250 V, 8 uF, minimum 70°C, used for compressor ETB80U6L, ETB90U6.	cURus
			NINGGUO YUHUA ELECTRICAL PRODUCTS CO LTD	CBB65	Rated 250 V, 8 uF, minimum 70°C, used for compressor ETB80U6L, ETB90U6.	cURus
			SHANGHAI HAOYE ELECTRIC CO LTD	MKP	450V/250V, 12 uF, minimum 70°C, used for compressor EMYS45CLP.	cURus
23	26	Rear Cover of cabinet	INEOS STYROLUTION POLYMERS (FOSHAN) COMPANY LIMITED	4440	PS, all color, HB, 50°C, measured 2.0 mm thickness. Provided some air outlet opening measured 5.7 mm in width.	cURus
27	27	Switching Power Supply	Foshan Shunde Henrys Electric Co., Ltd	YH005	Rated input: 120 V, 60 Hz; output: 12 VDC, 1.8 A. Class 2 output. Consist of items 28 to 39.	NR
28	28	X2 Capacitor	Various	Various	Rated 275 V, 0.1 uF, at least 85°C.	cURus

4.0 Critical Components						
28	29	Fuse	CONQUER ELECTRONICS CO LTD	MST	Rated 250 V, 3.15 A.	cURus
			DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO LTD	933	Rated 250 V, 3.15 A.	cURus
			XC ELECTRONICS (SHENZHEN) CORP LTD	5TE	Rated 250 V, 3.15 A.	cURus
			SHENZHEN LANSON ELECTRONICS CO LTD	SMT	Rated 250 V, 3.15 A.	cURus
28	30	Varistor	Various	Various	Rated 300 VAC, Vn=470 V, ambient temp: -40-85°C.	cURus
28	31	Inductance	Foshan Shunde Santak Electronic Technology Co.Ltd.	UU9.8	60mH.	NR
28	32	Relay for Heater	XIAMEN HONGFA ELECTROACOUSTIC CO LTD	JZC-32F	250 VAC, 5 A.	cURus
				HF32F	250 VAC, 5 A.	cURus
			HUIZHOU QUNCHUANG ELECTRONICS CO LTD	G2F-12DMS	250 VAC, 5 A.	cURus
			SANYOU CORPORATION LIMITED	SJ-S-112DM	250 VAC, 5 A.	cURus
28	33	Relay for Compressor	XIAMEN HONGFA ELECTROACOUSTIC CO LTD	JQX 62F Serie	250 VAC, 16 A, 85°C.	cURus
				HF62F Serie	250 VAC, 16 A, 85°C.	cURus
			ZHEJIANG MEISHUO ELECTRIC TECHNOLOGY CO LTD	MPL-112-A-T	250 VAC, 16 A, 85°C.	cURus
28	34	Electrolytic Capacitor	Various	Various	450 V, 22 uF, 105°C.	NR
28	35	Transformer	Foshan Yiyuan Shengte Electronic Co., Ltd.	EF20	Rated input: 120 V, 60 Hz; output: 12 V. Consist of items 35a to 35e. Refer to illustration No. 8.2 for details. Class A.	NR
28	35a	Primary Winding (not shown)	DONG GUAN YIDA INDUSTRIAL CO LTD	2UEW/155	Polyurethane coated, rated 155°C, φ0.27 mm.	UR
28	35b	Secondary Winding (not shown)	SHANGHAI LUCKY TRADE CO LTD	TIW-B	Triple Insulated Wire. Rated 130°C, Φ0.50 mm.	UR
28	35c	Bobbin (not shown)	CHANG CHUN PLASTICS CO LTD	T375J	PMC. Rated V-0, HWI=1, HAI=0, CTI=3, 150°C. 1.0mm thick at least.	cURus

4.0 Critical Components						
28	35d	Insulation Tape (not shown)	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD	CT* (c)(g)	Rated 130°C.	UR
28	35e	Teflon Tube (not shown)	HUIZHOU DONGJU FLUO TECH PLASTIC CO LTD	TFL	Not heat shrinkable PTFE tubing, CL or BK color, rated 150V, 200°C, VW-1. Sleeved winding terminals of transformer.	cURus
				TFS	Not heat shrinkable PTFE tubing, CL or BK color, rated 600V, 200°C, VW-1. Sleeved winding terminals of transformer.	cURus
				TFT	Not heat shrinkable PTFE tubing, CL or BK color, rated 300V, 200°C, VW-1. Sleeved winding terminals of transformer.	cURus
28	36	Y1 Capacitor	Various	Various	Rated 250 Vac, 1000pF, 125°C.	cURus
28	37	Optical Isolators	EVERLIGHT ELECTRONICS CO LTD	EL817	Double protection optical isolators, 5000 vac isolation.	cURus
			CHINA RESOURCES SEMICONDUCTOR(SHENZHEN)LIMITED	PC817C	Double protection optical isolators, 5000 vac isolation.	cURus
			BRIGHT LED ELECTRONICS CORP	BPC-817	Double protection optical isolators, 5000 vac isolation.	cURus
			LITE-ON TECHNOLOGY CORP	LTV-817	Double protection optical isolators, 5300 vac isolation.	cURus
28	38	Optical Isolators	BRIGHT LED ELECTRONICS CORP	BPC-817XXXXXX*	Double protection optical isolators, 5000 vac isolation. * - Where XXXXXX can be any alphanumeric character or blank.	cURus
28, 30	39	PCB	Various	Various	Rated V-0, 130°C, met UL796. Measured 1.6mm thick minimum.	cURus
30, 32	40	Power Supply Unit	MEAN WELL ENTERPRISES CO LTD	IRM-20-12	Input: 100-240 Vac, 0.6 A / 277Vac, 0.3 A, 50/60 Hz. Output: 12 Vdc, 1.8 A. LPS output.	cURus
30	41	X2 Capacitor	Various	Various	Rated 275 V, 0.22 uF for CX1, 0.01 uF for C11, at least 105°C.	cURus
30	42	Relay for Heater	OMRON CORP	G5SB-14	250 V, 5 A, rated at least 70°C.	cURus
				G5Q-1	250 V, 10 A, rated at least 70°C.	cURus
30, 32	43	Relay for Compressor	OMRON CORP	G4A-1A	250 V, 20 A, rated at least 70°C.	cURus
30	44	Quick Connector	Various	Various	Rated at least 120 V, 2 A, suitable for 18-22 AWG wire connected. The composition of the plastic material rated at least V-1. Used for all models.	cURus
30	45	Optical Isolators	FAIRCHILD SEMICONDUCTOR CORP	MOC3052	Providing 4170 vac isolation and 3500 vac double protection isolation.	UR

4.0 Critical Components						
30	46	Optical Isolators	BRIGHT LED ELECTRONICS CORP	BPC-817A,B,C or D	Double protection optical isolators 5000 Vac isolation voltage.	cURus
32	47	X2 Capacitor	Various	Various	Rated 275 V, 0.01 uF, at least 105°C.	cURus
34	48	Switching Power Supply	Foshan Shunde Henrys Electric Co., Ltd	YH-3C	Rated input: 120 V, 60 Hz; output: 12 VDC, 2 A. Class 2 output. Consist of items 49 to 61. Used for model YC-510A.	NR
34	49	Relay for Compressor	Xiamen Hongfa Electroacoustic Co., Ltd.	JQX-62F	16A, 250VAC, 85°C	cURus
				HF-62F	16A, 250VAC, 85°C	cURus
34	50	Relay	Xiamen Hongfa Electroacoustic Co., Ltd.	JZC-32F	250 VAC, 5 A, minimum 70°C.	cURus
				HF-32F	250 VAC, 5 A, minimum 70°C.	cURus
34	51	Transformer	Foshan Yiyuan Shengte Electronic Co., Ltd.	WX-E28001	Rated output: 12 V, 3 A. Consist of item 51a to 51e. Refer to illustration No. 8.1 for detail. Class A.	NR
34	51a	Primary Winding (not shown)	DONG GUAN YIDA INDUSTRIAL CO LTD	2UEW/155	Polyurethane coated, rated 155°C.	UR
34	51b	Secondary Winding (not shown)	SHANGHAI LUCKY TRADE CO LTD	TIW-B	Triple Insulated Wire. Rated 130°C, Φ0.50 mm.	UR
34	51c	Bobbin (not shown)	CHANG CHUN PLASTICS CO LTD	T375J	PMC, V-0, HWI=1, HAI=0, CTI=3, 150°C. 1.0mm thick at least.	cURus
34	51d	Insulation Tape (not shown)	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD	CT* (c)(g)	Rated 130°C.	UR

4.0 Critical Components						
34	51e	Teflon Tube (not shown)	HUIZHOU DONGJU FLUO TECH PLASTIC CO LTD	TFL	Not heat shrinkable PTFE tubing, CL or BK color, rated 150V, 200°C, VW-1. Sleeved winding terminals of transformer.	cURus
				TFS	Not heat shrinkable PTFE tubing, CL or BK color, rated 600V, 200°C, VW-1. Sleeved winding terminals of transformer.	cURus
				TFT	Not heat shrinkable PTFE tubing, CL or BK color, rated 300V, 200°C, VW-1. Sleeved winding terminals of transformer.	cURus
34	52	Y capacitor	Various	Various	Y2 Capacitor, two in series connection, 2200 pF, minimum 250 V, 125°C.	cURus
34	53	Electrolytic Capacitor	Various	Various	400 V, 68 uF, 105°C.	NR
34	54	Rectifier Bridge	Various	GBU410	Rated 1000 V, min 4 A.	UR
34	55	Inductance	Foshan Shunde Santak Electronic Technology Co.Ltd.	UU10.5-15mH	15mH	NR
34	55a	Bobbin of Inductance (not shown)	CHANG CHUN PLASTICS CO LTD	T375J	PMC, V-0, HWI=1, HAI=0, CTI=3, 150°C. 1.0mm thick at least.	cURus
34	55b	Winding of Inductance (not shown)	DONG GUAN YIDA INDUSTRIAL CO LTD	2UEW/155	Polyurethane coated, rated 155°C.	UR
34	56	X2 Capacitor	Various	Various	X2 Capacitor. Rated min. 250Vac, 0.22 µF, 100°C at least.	cURus
34	57	Fuse	DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO LTD	932	Rated 300 V, 5 A.	cURus
34	58	NTC	Various	5D-11	Rated 4 A, min. 120 V.	cURus
34	59	Varistor	THINKING ELECTRONIC INDUSTRIAL CO LTD	TVR10561	Rated 350 V, Vn=560 V, ambient temp: -40-105°C.	cURus
			Various	Various	Rated 350 V, Vn=560 V, ambient temp: -40-105°C.	cURus
34	60	Optical Isolators	BRIGHT LED ELECTRONICS CORP	BPC-817XXXXXX*	Double protection optical isolators, 5000 vac isolation. * - Where XXXXXX can be any alphanumeric character or blank.	cURus
34	61	PCB	Various	Various	Rated V-0, 130°C, met UL796. Measured 1.6mm thick minimum.	cURus
37	62	Evaporator Fan Cover	INEOS STYROLUTION POLYMERS (FOSHAN) COMPANY LIMITED	1540	PS, all color, HB, minimum 1.5 mm thickness. Fixed to the inner enclosure by screws.	cURus

4.0 Critical Components						
37	63	Evaporator Fan Cover Bracket	Various	Various	Made by painted steel sheet, min. 0.4 mm thickness. Provided some air vent on bottom side measured 5.3 mm in width. Fixed to the inner enclosure by screws.	NR
38	64	Evaporator Fan Guard	Various	Various	Made by steel wire, φ 1.6 mm, the air opening measured 5.6 mm in minor dimension. Fixed to the Evaporator Fan Cover by screws.	NR
40	65	Condenser Cover	Various	Various	Made by painted steel sheet, 0.4 mm thickness. Provided some opening measured 5.3 mm in width. Fixed to the rear enclosure by screws.	NR
40	66	Rear Grill	Various	Various	Steel wire, min. Φ2mm with cvering, opening measured max. 24 X 19.1 mm.	NR
44	67	PVC Tube	Various	Various	VW-1, 300 V, 105°C, minimum 1.0 mm thick,	cURus
52	68	Switching Power Supply	FOSHAN HANNY TECHNOLOGY CO,LTD	YH 005	Input 120 V, 60 Hz, Output: 12 VDC, 2 A. Consist of items 69 to 78.	NR
57	69	Wire Connector	Various	Various	Suitable for 18 AWG wire connected.	cURus
57	70	Fuse	CONQUER ELECTRONICS CO LTD	MST	250V, 3.15A.	cURus
57	71	Varistor	THINKING ELECTRONIC INDUSTRIAL CO LTD	TVR10D471	Rated 300V, Vn=470V, ambient temp: -40-105°C.	cURus
			Various	Various	Rated 300V, Vn=470V, ambient temp: -40-100°C or above.	cURus
57	72	X Capacitor	SHANTOU HIGH-NEW TECHNOLOGY DEVELOPMNT ZONE SONGTIAN ENTERPRISE CO LTD	MPX	X2 Capacitor. Rated 275Vac, 0.1 µF, 110°C.	cURus
			Various	Various	X2 Capacitor. Rated 0.1 µF, min. 250Vac, 100°C.	cURus

4.0 Critical Components						
57	73	Optical Isolators	EVERLIGHT ELECTRONICS CO LTD	EL817	Double protection optical isolators, 5000 vac isolation.	cURus
			CHINA RESOURCES SEMICONDUCTOR(SHENZHEN)LIMITED	PC817C	Double protection optical isolators, 5000 vac isolation.	cURus
			BRIGHT LED ELECTRONICS CORP	BPC-817	Double protection optical isolators, 5000 vac isolation.	cURus
			LITE-ON TECHNOLOGY CORP	LTV-817	Double protection optical isolators, 5300 vac isolation.	cURus
57	74	Relay	ZHEJIANG MEISHUO ELECTRIC TECHNOLOGY CO LTD	MPD series	Rated 5 A, 250 VAC, soldered on PCB.	cURus
			Sanyou Corporation Limited	SJ-S-112DM	Rated 5 A, 250 VAC, soldered on PCB.	cURus
			XIAMEN HONGFA ELECTROACOUSTIC CO LTD	HF32F	Rated 5 A, 250 VAC, soldered on PCB.	cURus
57	75	Relay for Compressor	ZHEJIANG MEISHUO ELECTRIC TECHNOLOGY CO LTD	MPL series	Rated 20 A, 125 VAC, soldered on PCB.	cURus
			Sanyou Corporation Limited	SMIH series	Rated 20 A, 125 VAC, soldered on PCB.	cURus
			XIAMEN HONGFA ELECTROACOUSTIC CO LTD	JQX 62F	Rated 20 A, 125 VAC, soldered on PCB	cURus
				HF62F	Rated 20 A, 125 VAC, soldered on PCB	cURus
57	76	Y Capacitor	HAOHUA ELECTRONIC CO.	CT7	Y2 capacitor, two in series connection. Rated 250V, 1000pF, 125°C.	cURus
			Various	Various	Y1 or Y2 capacitor, two in series connection. Rated 1000pF, minimum 250V, 100°C.	cURus
57	77	Transformer	QIAOJING ELECTRONIC CO.,LTD	EE16-25	Rated input: 120V, 60Hz; output: 12V, class A. Consists of items 77a to 77e. Refer to illustration No. 8.3 for detail.	NR
57	77a	Primary Winding (not shown)	JIANGXI GANYUE HENGXING ELECTRICAL MATERIAL CO LTD	HXMW75-C (SH)	Polyurethane coated copper wire, ANSI type MW 75-C, 130°C.	UR
			Various	Various	Polyurethane coated copper wire, ANSI type MW 75-C, 130°C.	UR
57	77b	Secondary Winding (not shown)	SHANGHAI LUCKY TRADE CO LTD	TIW-B	Triple Insulated Wire. Rated 130°C, Φ0.50 mm.	UR

4.0 Critical Components						
57	77c	Bobbin (not shown)	CHANG CHUN PLASTICS CO LTD	T375J	PBT, BK or BN color, V-0, 150°C, measured 1.7 mm.	UR
57	77d	Insulation Tape (not shown)	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD	CT* (c)(g)	Rated 130°C.	UR
57	77e	Teflon Tube (not shown)	HUIZHOU DONGJU FLUO TECH PLASTIC CO LTD	TFL	Not heat shrinkable PTFE tubing, CL or BK color, rated 150V, 200°C, VW-1. Sleeved winding terminals of transformer.	cURus
				TFS	Not heat shrinkable PTFE tubing, CL or BK color, rated 600V, 200°C, VW-1. Sleeved winding terminals of transformer.	cURus
				TFT	Not heat shrinkable PTFE tubing, CL or BK color, rated 300V, 200°C, VW-1. Sleeved winding terminals of transformer.	cURus
57	78	PCB	Various	Various	Rated V-0, 130°C, met UL796. Measured 1.6mm thick minimum.	cURus
8b, 11c	79	Door Frame Heater	Guangzhou Yongjia Appliance Co.,Ltd	3323	Rated 115V, 60Hz, 17W. Consist of items 79a to 79e. Used for model YC-510D2Z.	NR
61	79a	Wire Connector	Various	Various	Suitable for 18-22 AWG wire connected, rated min. 250V, 1A, 80°C, the composition of the plastic material rated at least V-1.	cURus
61	79b	Lead Wire	Various	1015	18-22 AWG, 600 V, 105°C.	cURus
61	79c	Heat Shrinkable Tubing	Various	Various	Rated 600V, 105°C, VW-1.	cURus
61	79d	Heater Enclosure	Various	Various	Made by aluminium tube, φ 6.35 mm, 0.5 mm thickness.	NR
61	79e	Heating Wire (not shown)	Guangzhou Yongjia Appliance Co., Ltd	3323	Rated 300V, 200°C, VW-1, 17W.	ETLus
70	80	Support Column	CHI MEI CORPORATION	PA-765A	ABS, all color, rated 5VA, 80°C, 2.5 mm thick.	cURus
70	81	Barrier	CHI MEI CORPORATION	PA-765A	ABS, all color, rated 5VA, 80°C, 2.5 mm thick.	cURus
93	82	Switching Power Supply	Guangdong Hanyi Intelligent Electronics Co., Ltd	JC18	Input 115 V, 60 Hz, Output: 12 VDC, 1 A, class 2 output. Consist of items 83 to 94. Used for model YC-18.	NR

4.0 Critical Components						
93	83	Relay 1	XIAMEN HONGFA ELECTROACOUSTIC CO LTD	JZC-32F	250VAC, 5A.	cURus
				HF32FV	250VAC, 5A.	cURus
			ZHEJIANG MEISHUO ELECTRIC TECHNOLOGY CO LTD	MPD series	Rated 5 A, 250 VAC, soldered on PCB.	cURus
			HUIZHOU QUNCHUANG ELECTRONICS CO LTD	G2F-12DMS	250 VAC, 5 A.	cURus
			SANYOU CORPORATION LIMITED	SJ-S-112DM	250 VAC, 5 A.	cURus
93	84	Relay 2	Xiamen Hongfa Electroacoustic Co., Ltd.	JQX-62F	16A, 250VAC, 85°C	cURus
				HF-62F	16A, 250VAC, 85°C	cURus
			Sanyou Corporation Limited	SMIH series	16A, 250VAC, 85°C	cURus
			ZHEJIANG MEISHUO ELECTRIC TECHNOLOGY CO LTD	MPL series	16A, 250VAC, 85°C	cURus
			SHENZHEN GOLDEN ELECTRICAL APPLIANCES CO LTD	GU series	16A, 250VAC, 85°C	cURus
93	85	Fuse	CONQUER ELECTRONICS CO LTD	MST	250V, 3.15A.	cURus
			DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO LTD	932	250V, 3.15A.	cURus
			XC ELECTRONICS (SHENZHEN) CORP LTD	5TE	250V, 3.15A.	cURus
			SHENZHEN LANSON ELECTRONICS CO LTD	SMT	250V, 3.15A.	cURus
93	86	NTC	CHENGDU HONG MING ELECTRONICS CO LTD	MF72-5D9X	110/220V, Imax=2.5A.	cURus

4.0 Critical Components						
93	87	Varistor	HUIZHOU SONGLONGXINDIAN ELECTRONICS TECHNOLOGY CO LTD	10D561K	Rated 350VAC, Vn=560Vdc, ambient temp: -40-85°C.	cURus
			THINKING ELECTRONIC INDUSTRIAL CO LTD	TVR10561	Rated 350VAC, Vn=560Vdc, ambient temp: -40-105°C.	cURus
			Various	Various	Rated 350VAC, Vn=560Vdc, ambient temp: -40-85°C or above.	cURus
93	88	X Capacitor	SHANTOU HIGH-NEW TECHNOLOGY DEVELOPMNT ZONE SONGTIAN ENTERPRISE CO LTD	MPX	X2 capacitor, rated 0.33μF, 275V, 110°C.	cURus
			Various	Various	X2 capacitor, rated 0.33μF, at least 275V, 110°C.	cURus
93	89	Inductance	Shenzhen Xinhejia Electric Technology Co., LTD	UU9.8	Rated 40 MH. Consist of items 89a to 89b.	NR
93	89a	Bobbin of Inductance (not shown)	CHANG CHUN PLASTICS CO LTD	T375J	PMC, black color, V-0, 150°C, minimum 1.0 mm thick.	cURus
93	89b	Winding of Inductance (not shown)	GUANGZHOU CHUNYI ELECTRIC ENTERPRISE LTD	QA-x/155	Polyurethane coated copper wire, ANSI type MW 79-C, 155°C.	UR
			Various	Various	Polyurethane coated copper wire, ANSI type MW 79-C, 155°C.	UR
93	90	Optocoupler	EVERLIGHT ELECTRONICS CO LTD	EL817	Double protection optical isolators, providing 5000 vac isolation.	cURus
			CRM ICBG (Wuxi) Co Ltd	PC817C	Double protected optical isolators rated for 5000 vrms isolation.	cURus
			BRIGHT LED ELECTRONICS CORP	BPC-817C	Double protection optical isolators 5000 Vac isolation voltage.	cURus
			LITE-ON Technology Corporation	LTV-817	Double protection optical isolators having an isolation voltage of 5300 Vrms.	cURus
93	91	IC	Shenzhen Fiyada Semiconductor Co. LTD	PHY364DB	Input: AC85V-230V, MAX: 18W, Fixed: 100KHz.	NR

4.0 Critical Components						
93	92	Y Capacitor	SHANTOU HIGH-NEW TECHNOLOGY DEVELOPMNT ZONE SONGTIAN ENTERPRISE CO LTD	CE	Two provided, Y2 capacitor, rated 22 nF, 250V, 125°C.	cURus
			Various	Various	Two provided, Y2 capacitor, rated 22 nF, at least 250V, 125°C.	cURus
93	93	High-frequency Transformer	Foshan Hanny Electron Technology Co., Ltd	Hanny14G20 EF20	Input: 115V, 60Hz, Output: 12VDC, 1A. Consist of items 93a to 93e. Refer to illustration 8.4 for details. Class A.	NR
93	93a	Bobbin (not shown)	CHANG CHUN PLASTICS CO LTD	T375J	PMC, black color, V-0, 150°C, minimum 1.0 mm thick.	cURus
93	93b	Primary Winding (not shown)	GUANGZHOU CHUNYI ELECTRIC ENTERPRISE LTD	QA-x/155	Polyurethane coated copper wire, ANSI type MW 79-C, 155°C.	UR
			Various	Various	Polyurethane coated copper wire, ANSI type MW 79-C, 155°C.	UR
93	93c	Secondary Winding (not shown)	SHENZHEN KAIZHONG HEDONG NEW MATERIALS CO LTD	TIW-B*	Triple Insulated Wire, 130°C.	UR
93	93d	Insulation Tape (not shown)	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD	CT* (c)(g)	Polyethylene terephthalate film insulating tapes, yellow color, 130°C.	cURus
93	93e	Teflon Tube (not shown)	Various	Various	Rated 150V, 200°C, VW-1.	cURus
93	94	PCB	Various	Various	Rated V-0, 130°C, met UL796. Measured 1.6mm thick minimum.	cURus
95	95	Switching Power Supply	Foshan Shunde Henrys Electronic Co,. LTD	SST-E16	Input: 110-120V, 60 Hz, Output: 12VDC, 0.8A. Consist of items 96 to 106. Used for model YH-12, YH-18, YH-24. Class A.	NR
95	96	Relay	XIAMEN HONGFA ELECTROACOUSTIC CO LTD	HF3FA series	250VAC, 10A.	cURus
95	97	Quick Connector	Various	Various	Rated at least 120 V, 2 A, suitable for 18-22 AWG wire connected. The composition of the plastic material rated at least V-1.	cURus

4.0 Critical Components						
95	98	Y Capacitor	JYH CHUNG ELECTRONICS CO LTD	JY	Two provided, Y2 capacitor, rated 2200 pF, 300V, 85°C.	cURus
			Various	Various	Two provided, Y2 capacitor, rated 2200 pF, at least 300V, 85°C.	cURus
95	99	Varistor	HUIZHOU SONGLONGXINDIAN ELECTRONICS TECHNOLOGY CO LTD	10D561K	Rated 350VAC, Vn=560Vdc, ambient temp: -40-85°C.	cURus
			THINKING ELECTRONIC INDUSTRIAL CO LTD	TVR10561	Rated 350VAC, Vn=560Vdc, ambient temp: -40-105°C.	cURus
			Various	Various	Rated 350VAC, Vn=560Vdc, ambient temp: -40-85°C or above.	cURus
95	100	X Capacitor	SHANTOU HIGH-NEW TECHNOLOGY DEVELOPMNT ZONE SONGTIAN ENTERPRISE CO LTD	MPX	X2 capacitor, rated 0.22μF, 275V, 110°C.	cURus
			Various	Various	X2 capacitor, rated 0.22μF, at least 275V, 110°C.	cURus
95	101	Fuse	DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO LTD	932	250V / 300V, 2A.	cURus
95	102	Inductance	Zhongshan Yahui Electric Appliance Co., LTD	UU9.8	Rated min. 60mH.	NR
95	102a	Bobbin of Inductance (not shown)	CHANG CHUN PLASTICS CO LTD	T375J	PMC, black color, V-0, 150°C, minimum 1.0 mm thick.	cURus
95	102b	Winding of Inductance (not shown)	Various	Various	Polyurethane coated copper wire, ANSI type MW 79-C, 155°C.	UR
95	103	Optocoupler	BRIGHT LED ELECTRONICS CORP	BPC-817	Double protection optical isolators 5000 Vac isolation voltage.	cURus
95	104	IC	Shenzhen Yuantai Electronic Technology Co., LTD	SF5539HDP DIP-8	Input: AC85V-230V, MAX:15W~26W, Fixed: 65KHz.	NR
95	105	High-frequency Transformer	Foshan Sheng Shan te Electrical Factory	EE16-10-1.1mH	Input: 110-120V, 60Hz, Output: 12VDC, 0.8A. Consist of items 105a to 105e. Refer to illustration 8.5 for details. Class A.	NR
95	105a	Bobbin (not shown)	CHANG CHUN PLASTICS CO LTD	T375J	PMC, black color, V-0, 150°C, minimum 1.0 mm thick.	cURus

4.0 Critical Components						
95	105 b	Primary Winding (not shown)	DONG GUAN YIDA INDUSTRIAL CO LTD	2UEW/155	Polyurethane coated copper wire, ANSI type MW 79-C, 155°C.	UR
			Various	Various	Polyurethane coated copper wire, ANSI type MW 79-C, 155°C.	UR
95	105 c	Secondary Winding (not shown)	SHENZHEN DARUN SCIENCE AND TECHNOLOGY CO LTD	DRTIW-B	Triple Insulated Wire, 130°C.	UR
				DRTIW-F	Triple Insulated Wire, 130°C.	UR
95	105 d	Insulation Tape (not shown)	HUIZHOU YAHUA ELECTRONIC TECHNOLOGY CO LTD	CT	PET film insulating tape with Acrylic adhesive, clear color, 130°C.	cURus
95	105 e	Teflon Tube (not shown)	Various	Various	Rated 150V, 200°C, VW-1.	cURus
96	106	PCB	Various	Various	Rated V-0, 130°C, met UL796. Measured 1.6mm thick minimum.	cURus

NOTES:

1) Not all item numbers are indicated (called out) in the photos, as their location is obvious.

2) “Various“ means any type, from any manufacturer that complies with the "Technical data and securement means" and meets the "Mark(s) of conformity" can be used.

3) Indicates specific marks to be verified, which assures the agreed level of surveillance for the component. "NR" - indicates Unlisted and only visual examination is necessary. "See 5.0" indicates Unlisted components or assemblies to be evaluated periodically refer to section 5.0 for details.

5.0 Critical Unlisted CEC Components

No Unlisted CEC components are used in this report.

6.0 Critical Features

Recognized Component - A component part, which has been previously evaluated by an accredited certification body with restrictions and must be evaluated as part of the basic product considering the restrictions as specified by the Conditions of Acceptability.

Listed Component - A component part, which has been previously Listed or Certified by an accredited Certification Organization with no restrictions and is used in the intended application within its ratings.

Unlisted Component - A part that has not been previously evaluated to the appropriate designated component standard. It may also be a Listed or Recognized component that is being used outside of its evaluated Listing or component recognition.

Critical Features/Components - An essential part, material, subassembly, system, software, or accessory of a product that has a direct bearing on the product's conformance to applicable requirements of the product standard.

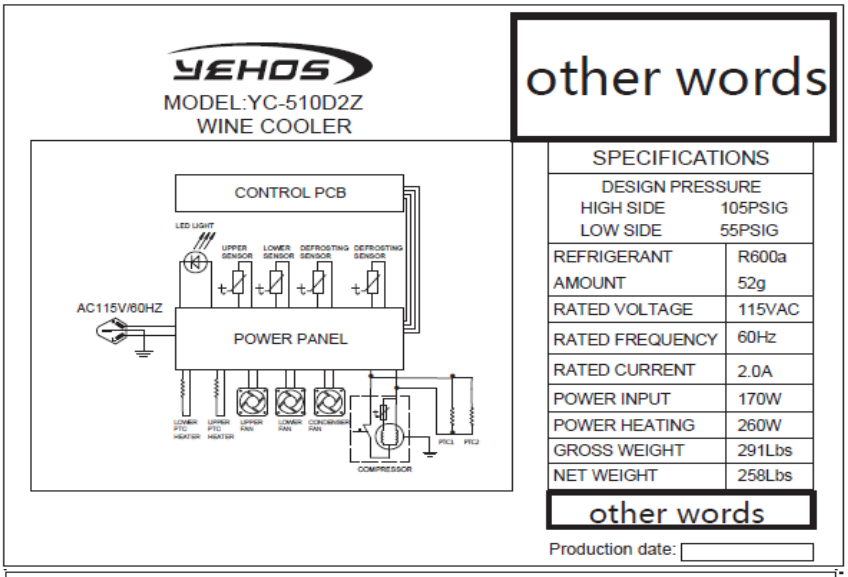
Construction Details - For specific construction details, reference should be made to the photographs and descriptions. All dimensions are approximate unless specified as exact or within a tolerance. In addition to the specific construction details described in this Report, the following general requirements also apply.

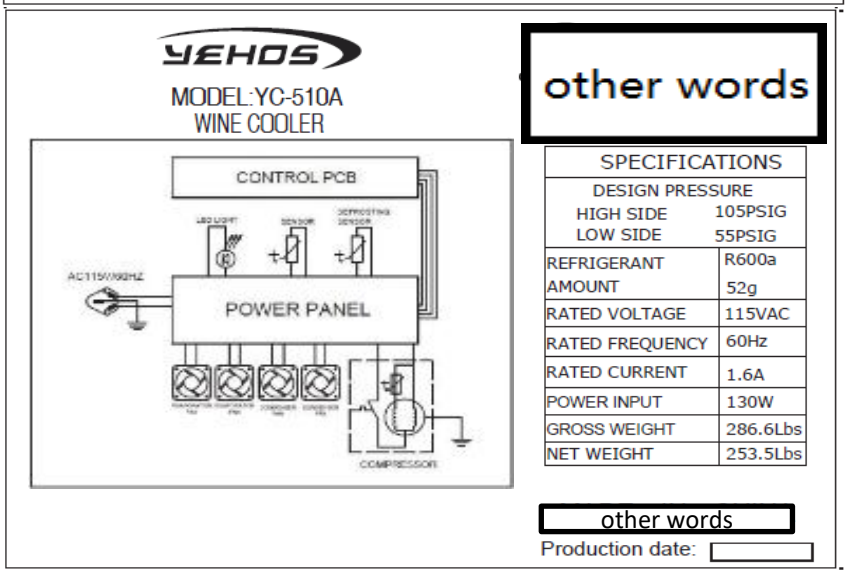
1. Spacing - In primary circuits, 1.2 mm minimum clearance and 2.4 mm minimum creepage distance are maintained for basic insulation and supplementary insulation, 1.2 mm minimum clearance and 2.2 mm minimum creepage distance are maintained for function insulation, 1.5 mm minimum clearance and 4.8 mm minimum creepage distance are maintained for reinforced insulation.
2. Mechanical Assembly - Components such as switches, fuseholders, connectors, wiring terminals and display lamps are mounted and prevented from shifting or rotating by the use of lockwashers, starwashers, or other mounting format that prevents turning of the component.
3. Corrosion Protection - All ferrous metal parts are protected against corrosion by painting, plating or the equivalent.
4. Accessibility of Live Parts - All uninsulated live parts in primary circuitry are housed within a metal enclosure constructed with no openings other than those specifically described in Sections 4 and 5.
5. Grounding - All exposed dead-metal parts and all dead-metal parts within the enclosure that are exposed are connected to the grounding lead of the power supply cord.
6. Internal Wiring - Internal wiring is routed away from sharp or moving parts. Internal wiring leads terminating in soldered connections are made mechanically secure prior to soldering. Recognized Component separable (quick disconnect) connectors of the positive detent type, closed loop connectors, or other types specifically described in the text of this report are also acceptable as internal wiring terminals. At points where internal wiring passes through metal walls or partitions, the wiring insulation is protected against abrasion or damage by plastic bushings or grommets.
7. Schematics - Refer to Illustration No. 3.1 to 3.8, 4.1 to 4.7 for schematics requiring verification during Field Representative Inspection Audits.
8. Markings - The product is marked on a labeling system as described in item no. 6 of Section 4.0 as follows:
   • brand name or applicant's name
   • model number
   • date of manufacture
   • electrical rating (volts, frequency, amperes)
   • type and mass of refrigerant
   Refer to Illustration No. 1.1, 1.3 for the layout.

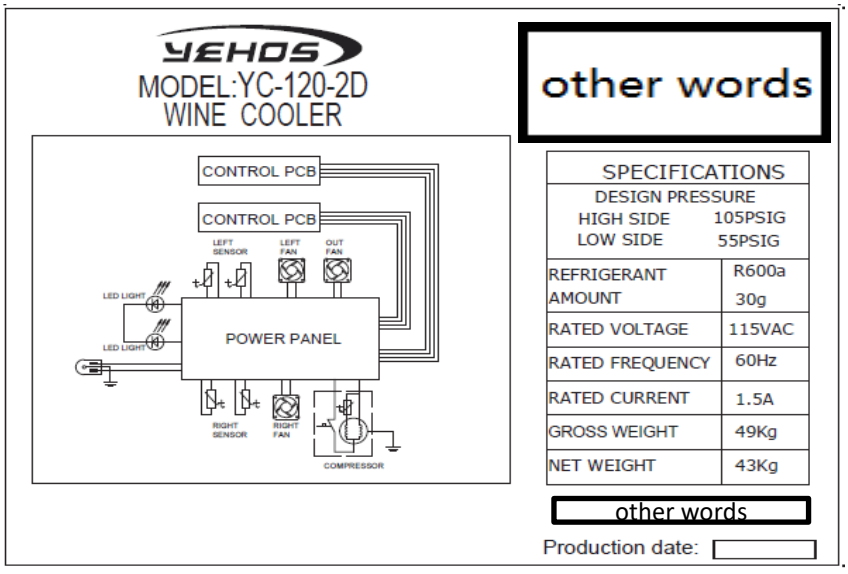
   • flammable insulation blowing gas type
   Refer to Illustration No. 1.2 for the layout.
9. Cautionary Markings - The product is marked on a labeling system as described in item no. 6 of Section 4.0. Refer to Illustration No. 2.1~2.2 for the layout.
10. Installation, Operating and Safety Instructions - Instructions for installation and use of this product are provided by the manufacturer. Refer to Illustration No. 7.1~7.3 for the layout.
11. Transformer - Supplier records must be provided that indicate the received shipment of transformers (section 4.0, items 35, 51, 77, 93 and 105) was constructed as indicated in Illustrations 8.1 to 8.5. These records must be available at the factory for inspection on every received shipment.

7.0 Illustrations

Illustration 1.1 - Nameplate marking







Remark:

1. Note: The above marking is representative for the applicant, other models listed in section 2.0 are same as the above except for the wiring diagram, model number and different ratings which are listed in section 2.0.

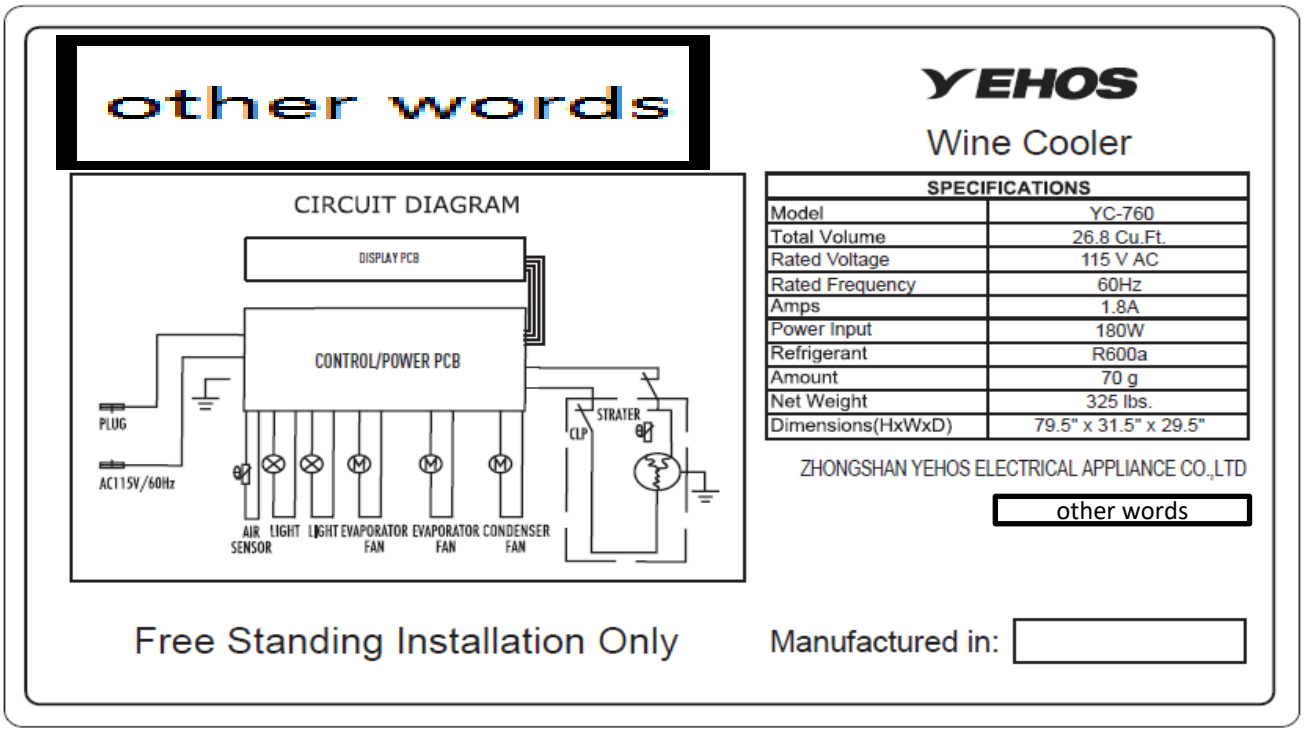
2. Date code: YYYYMMDD-XX, YYYY means year, MM means month, DD means day.

7.0 Illustrations

Illustration 1.2 - Marking for flammable insulation blowing gas type

Noted:
This marking letter height at least 40mm.
Triangle warning marking height at least 15 mm.

Illustration 1.3 - Nameplate marking



Remark: Date code: YYYYMMDD-XX, YYYY means year, MM means month, DD means day.

7.0 Illustrations

Illustration 2.1 - Warning marking

1) Near machine compartment:

	DANGER – Risk of fire or explosion. Flammable refrigerant used. To be repaired only by trained service personnel. Use only manufacturer-authorized service parts. Any repair equipment used must be designed for flammable refrigerants. Follow all manufacturer repair instructions. Do not puncture refrigerant tubing.	DANGER Risque d'incendie ou d'explosion. Frigorigène inflammable utilisé. La réparation sera faite seulement par un personnel qualifié. Utiliser seulement des pièces de rechange autorisées par le fabricant. Tout équipement de réparation utilisé doit être conçu pour les frigorigènes inflammables. Suivre toutes les instructions de réparation du fabricant. Ne pas perforer la conduite de frigorigène.
	CAUTION – Risk of fire or explosion due to puncture of refrigerant tubing; Follow handling instructions carefully. Flammable refrigerant used.	ATTENTION Risque d'incendie ou d'explosion dû à la perforation de la conduite de frigorigène. Suivre avec soin les instructions de manipulation. Frigorigène inflammable utilisé.

2) on the exterior:

	CAUTION – Risk of fire or explosion. Dispose of refrigerator properly in accordance with the applicable federal or local regulations. Flammable refrigerant used.	ATTENTION Risque d'incendie ou d'explosion. Éliminer convenablement conformément à la réglementation fédérale ou locale. Frigorigène inflammable utilisé.

3) located on or near any evaporator that can be contacted by the user:

	DANGER Risk of fire or explosion. Flammable refrigerant used. Do not use mechanical devices to defrost refrigerator. Do not puncture refrigerant tubing.	DANGER Risque d'incendie ou d'explosion. Frigorigène inflammable utilisé. Ne pas utiliser d'appareils mécaniques pour dégivrer le réfrigérateur. Ne pas perforer la conduite de frigorigène.

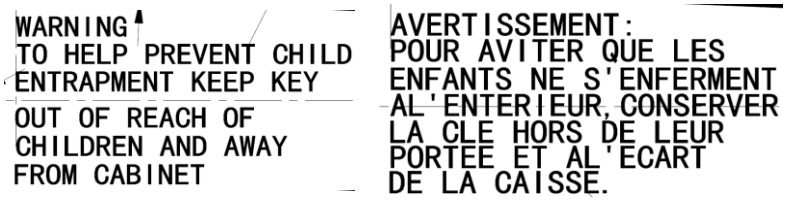
Note:
1) Triangle warning marking height at least 15 mm.
2) The letter height is no less than 3,2-mm (1/8-in) high, except for the signal words, “DANGER”, “WARNING”, and “CAUTION”, which shall be no less than 5,0 mm (0,2 in) high and shall be in all capital letters.

7.0 Illustrations

Illustration 2.2 - Warning marking

On the key and lock

A lock key shall be permanently marked with the word "CAUTION: To Prevent A Child From Being Entrapped, Keep Out Of Reach Of Children And Not In The Vicinity Of Refrigerator
ATTENTION: Pour empêcher qu'un enfant soit piégé, placez hors de la portée des enfants et loin du congélateur (ou du réfrigérateur)" or equivalent statement as below:



Note: A marking calling attention to the notice above shall be placed over the key slot of the lock or immediately adjacent to it. This marking may be removable.

7.0 Illustrations

Illustration 3.1 - Wiring diagram of model YC-510D2Z

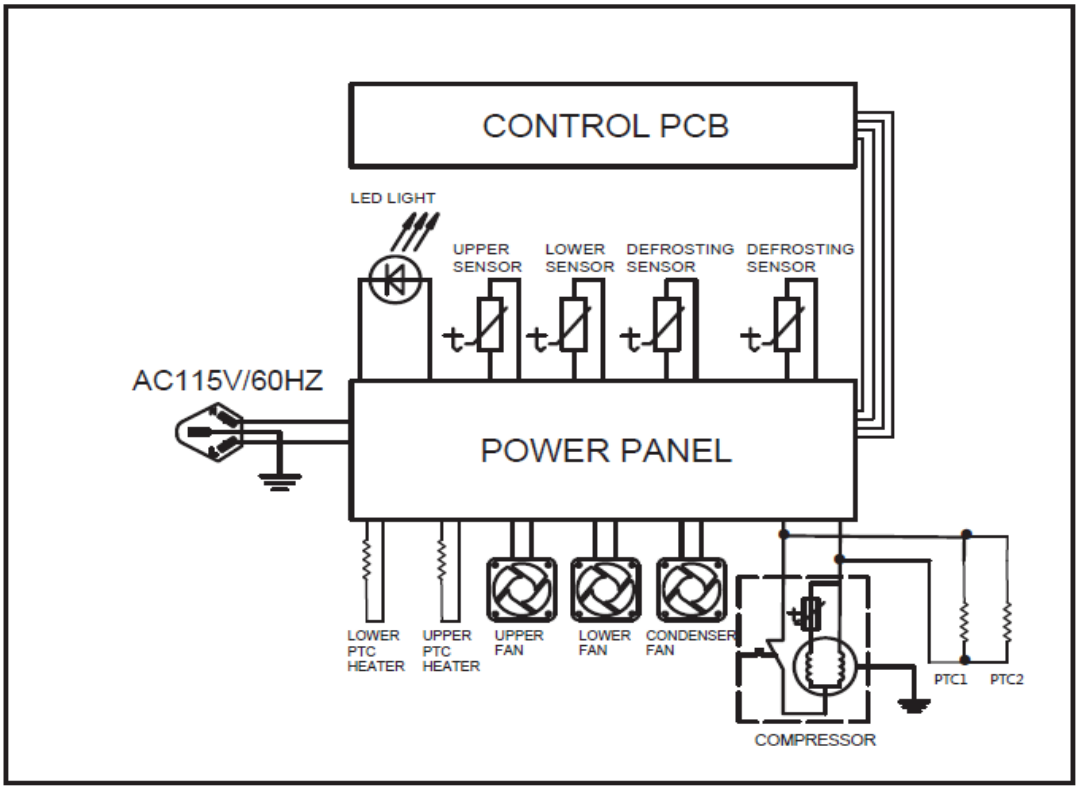
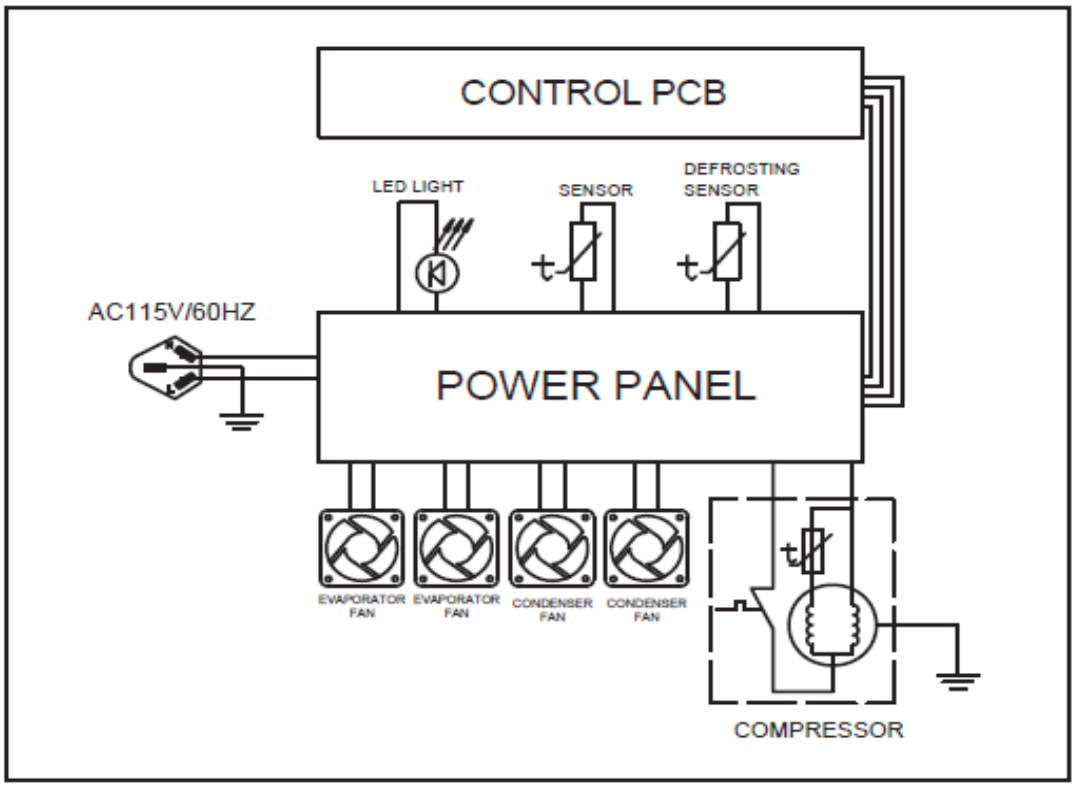


Illustration 3.2 - Wiring diagram of model YC-510A



7.0 Illustrations

Illustration 3.3 - Wiring diagram of model YC-120-2D

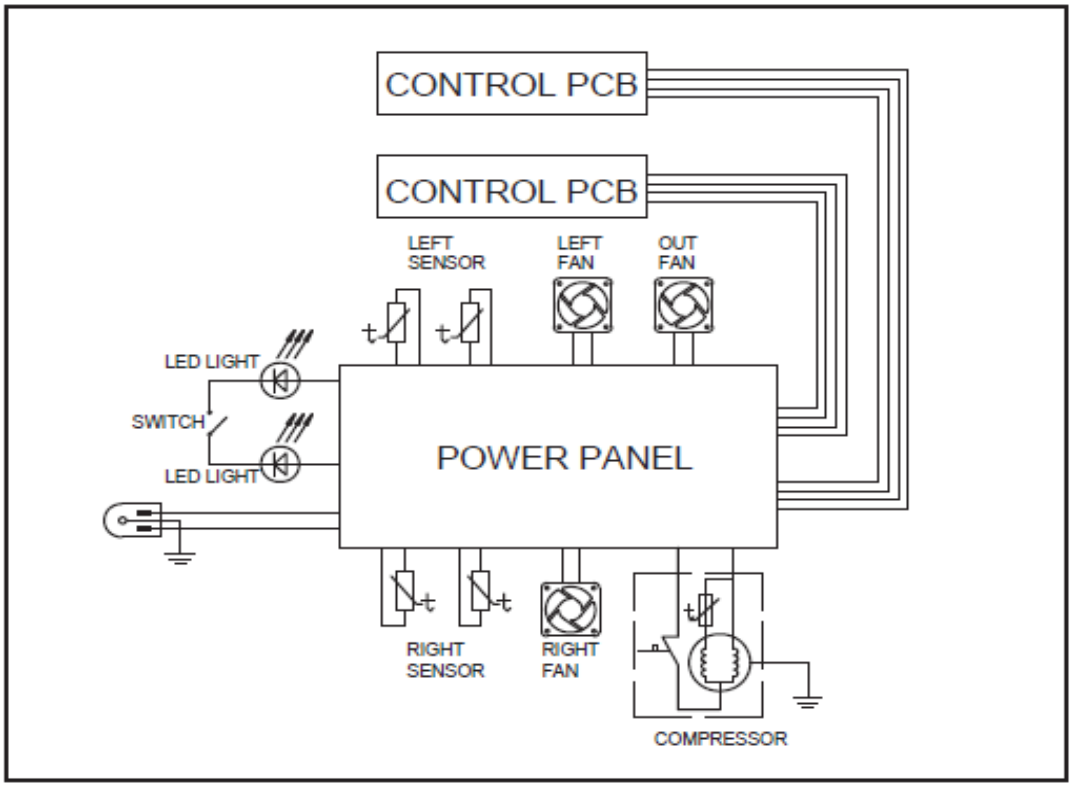
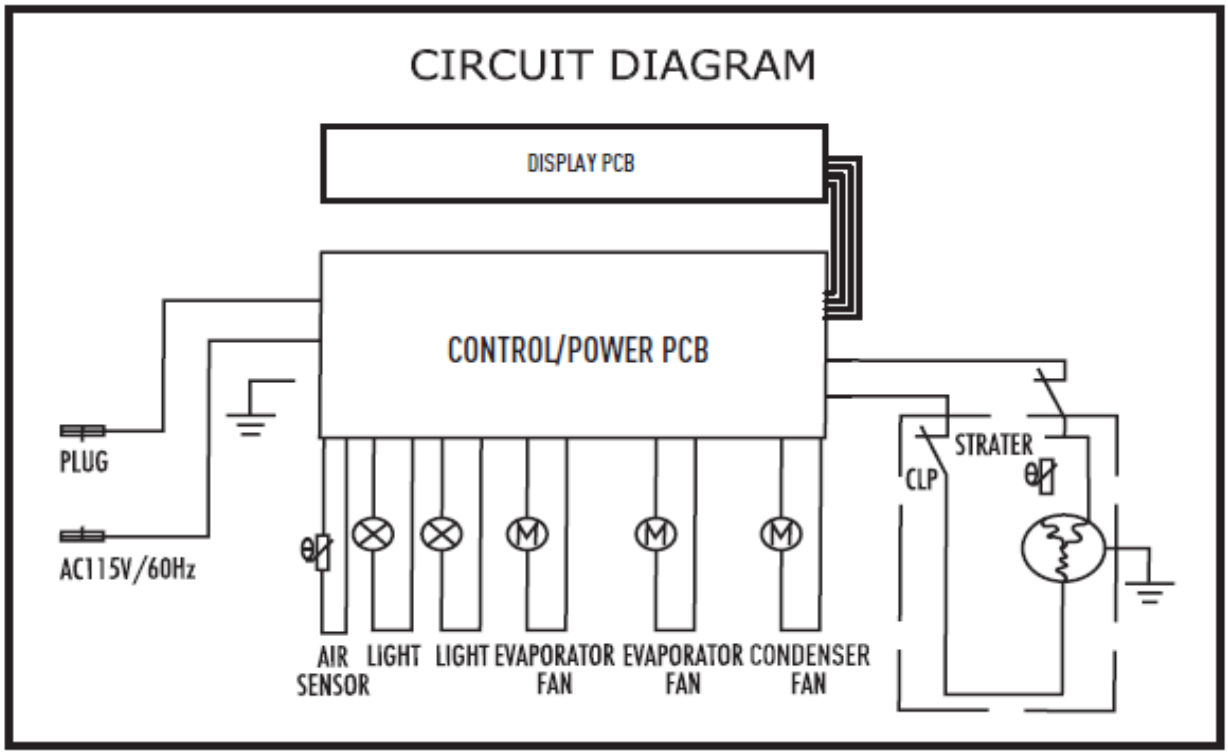


Illustration 3.4 - Wiring diagram of model YC-760



7.0 Illustrations

Illustration 3.5 - Wiring diagram of model YC-100A.

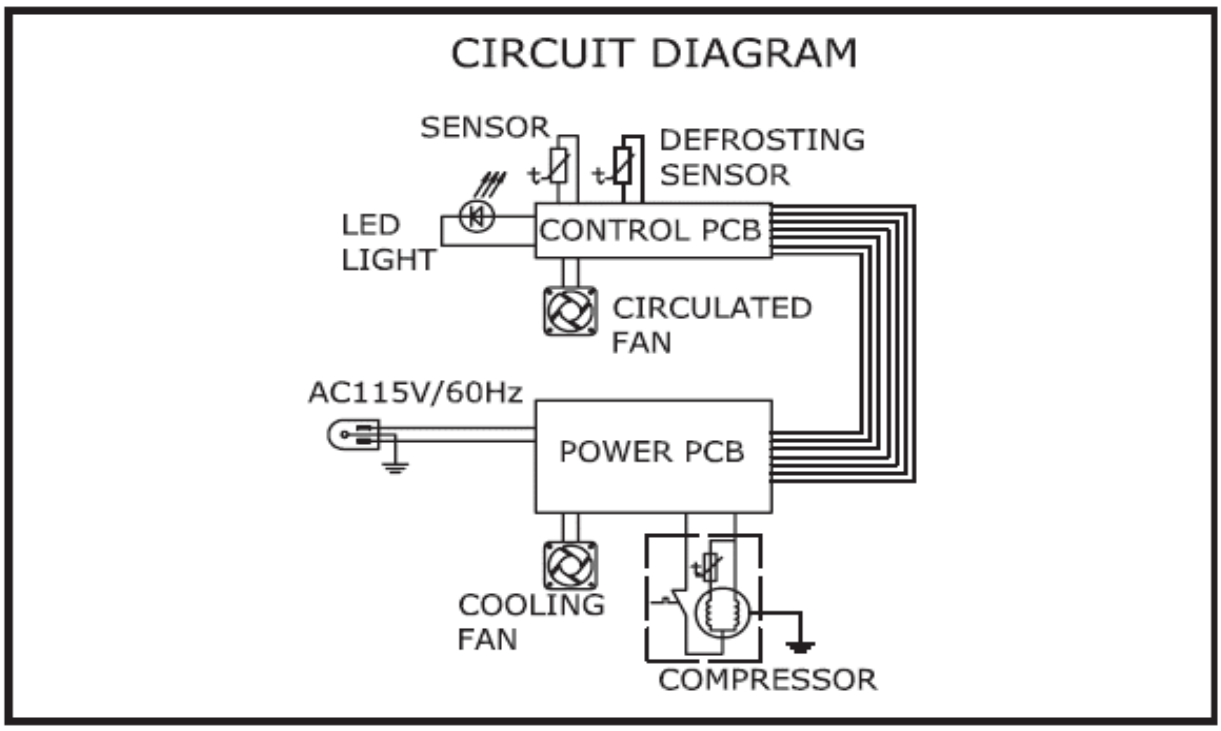
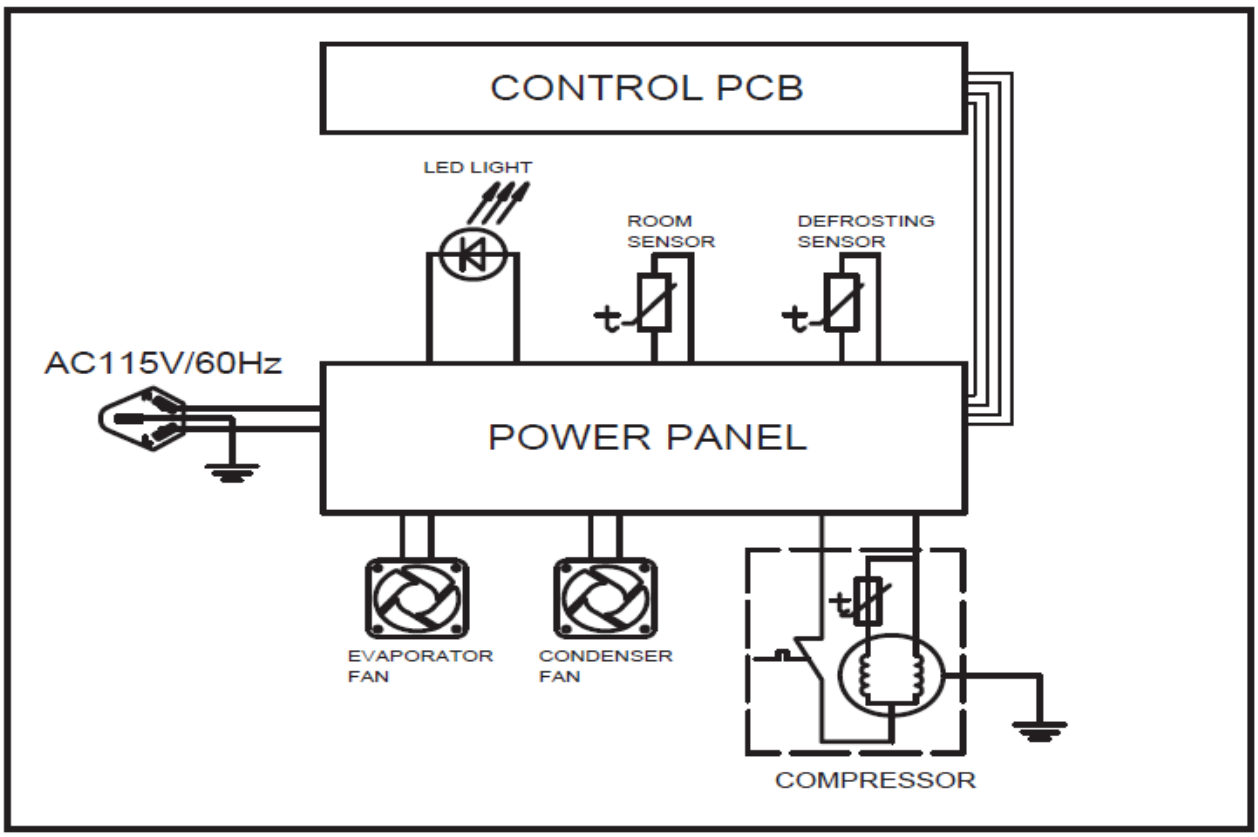


Illustration 3.6 - Wiring diagram of model YC-18.



7.0 Illustrations

Illustration 3.7 - Wiring diagram of model YH-12, YH-18, YH-24.

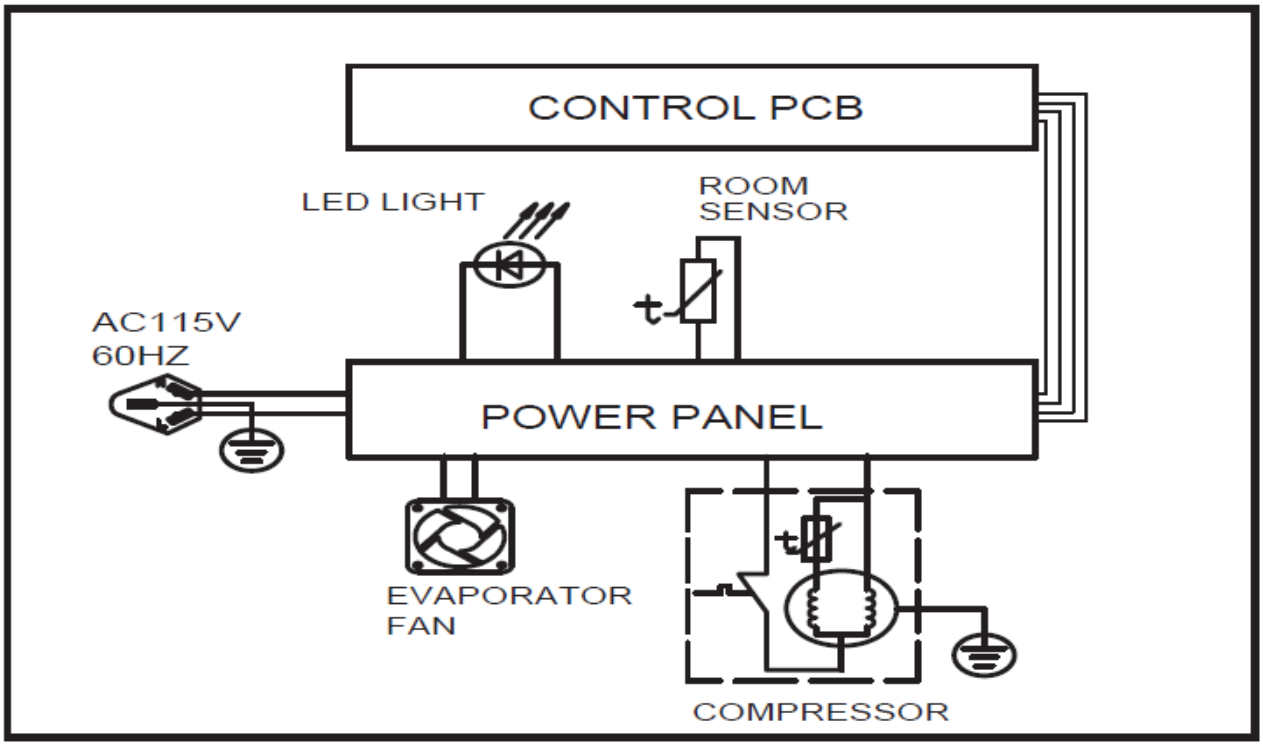
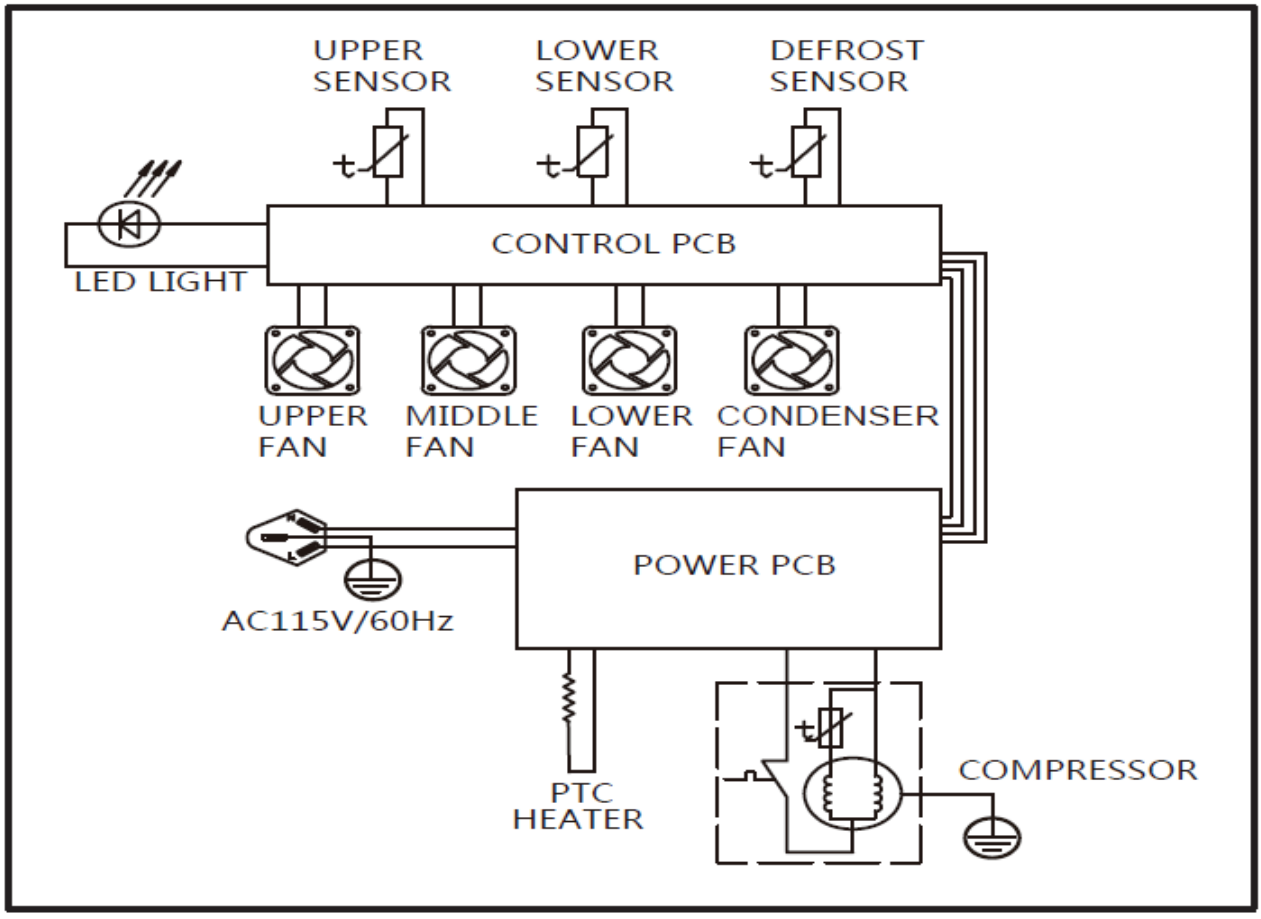
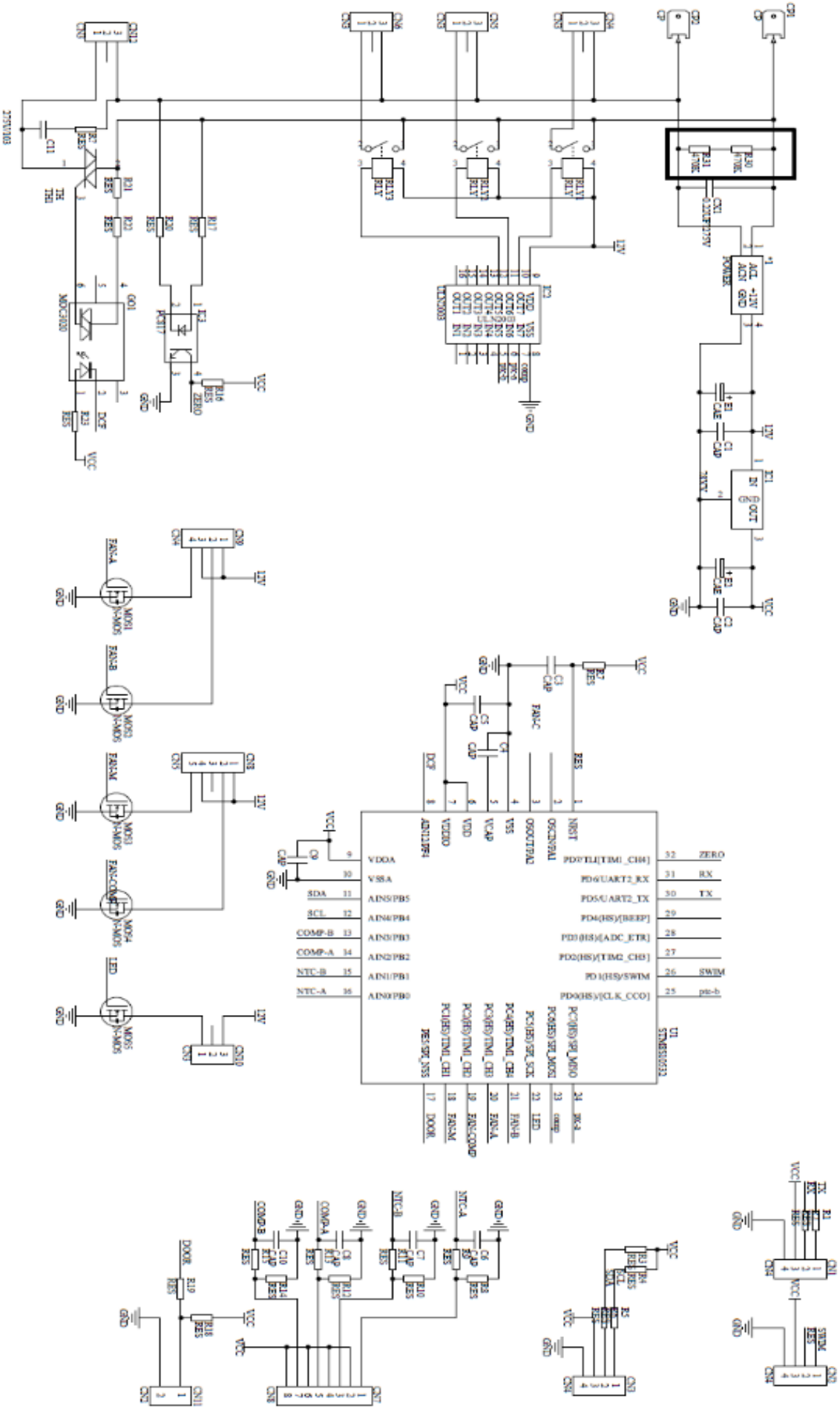


Illustration 3.8 - Wiring diagram of model YC-100B.



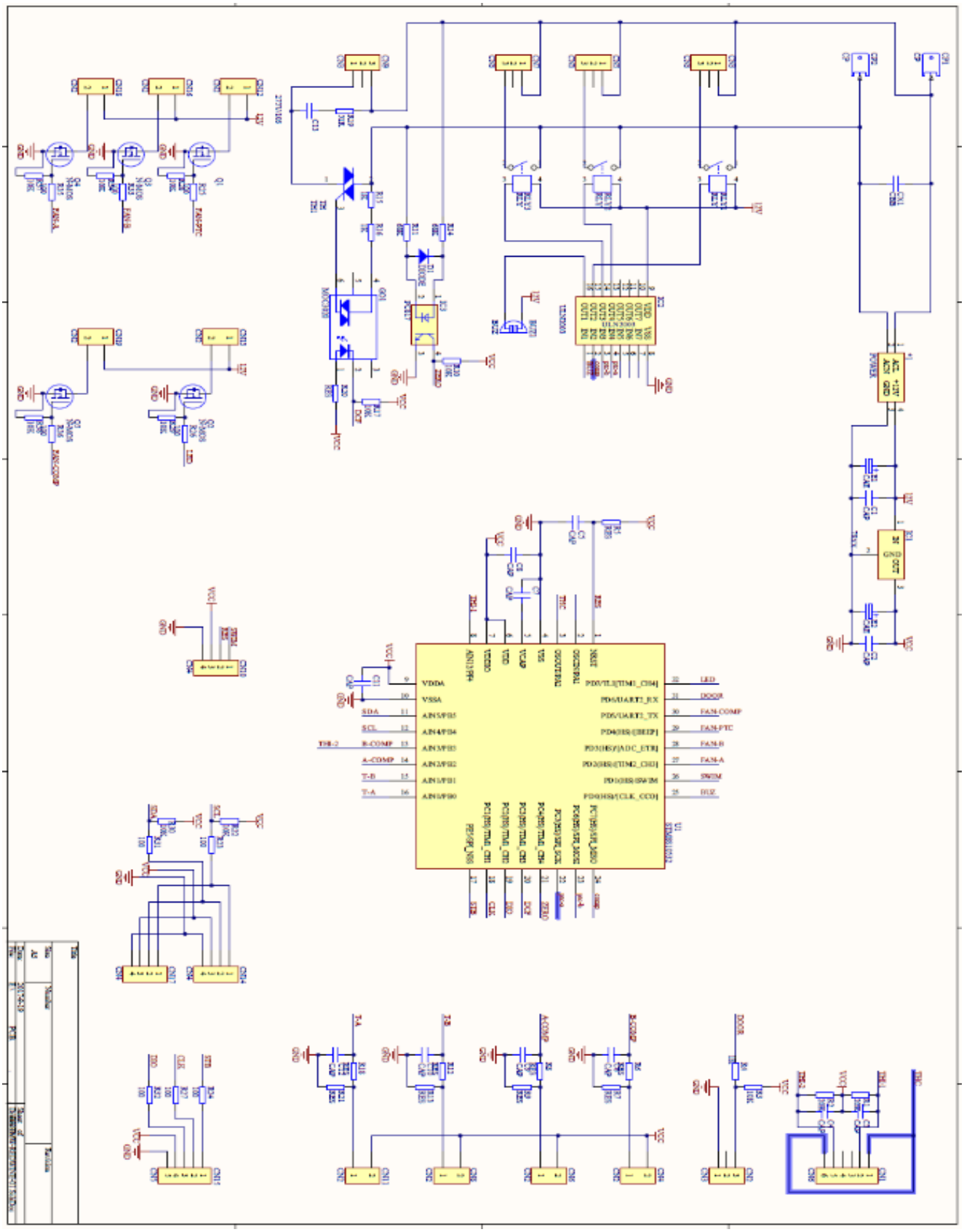
7.0 Illustrations

Illustration 4.1 - Schematic circuit diagram of power PCB of model YC-510D2Z



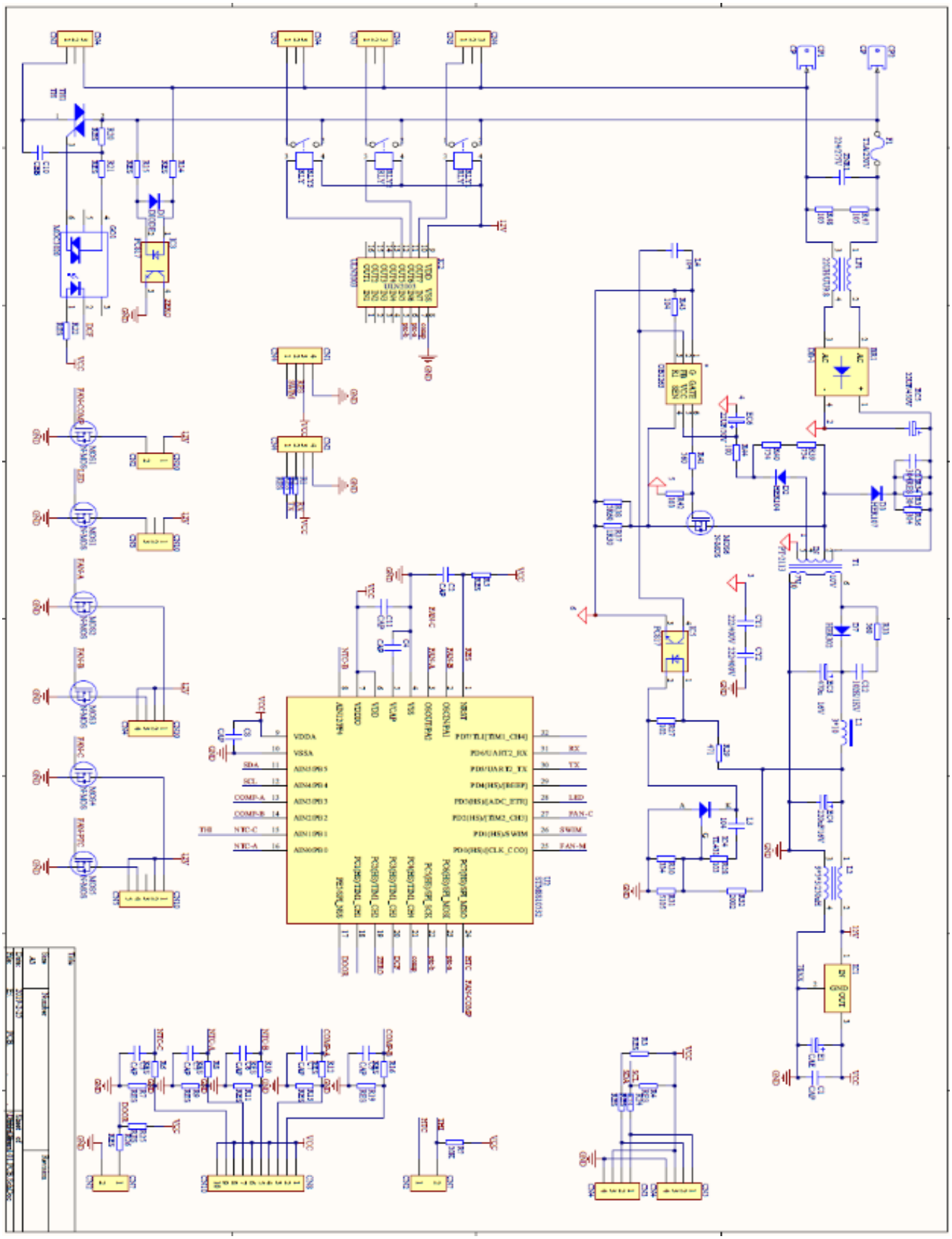
7.0 Illustrations

Illustration 4.2 - Schematic circuit diagram of power PCB of model YC-510A



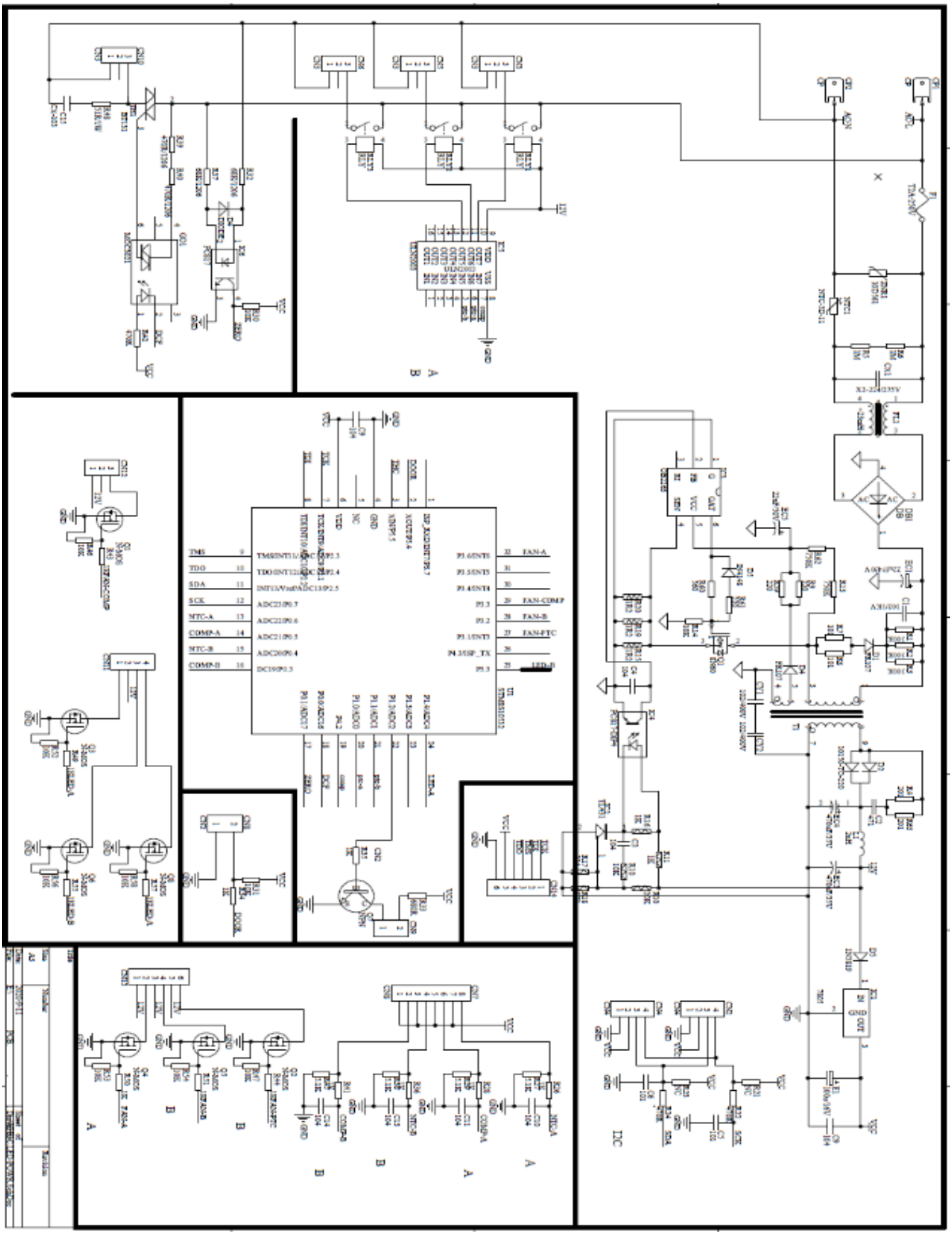
7.0 Illustrations

Illustration 4.3 - Schematic circuit diagram of switching power supply model YH005



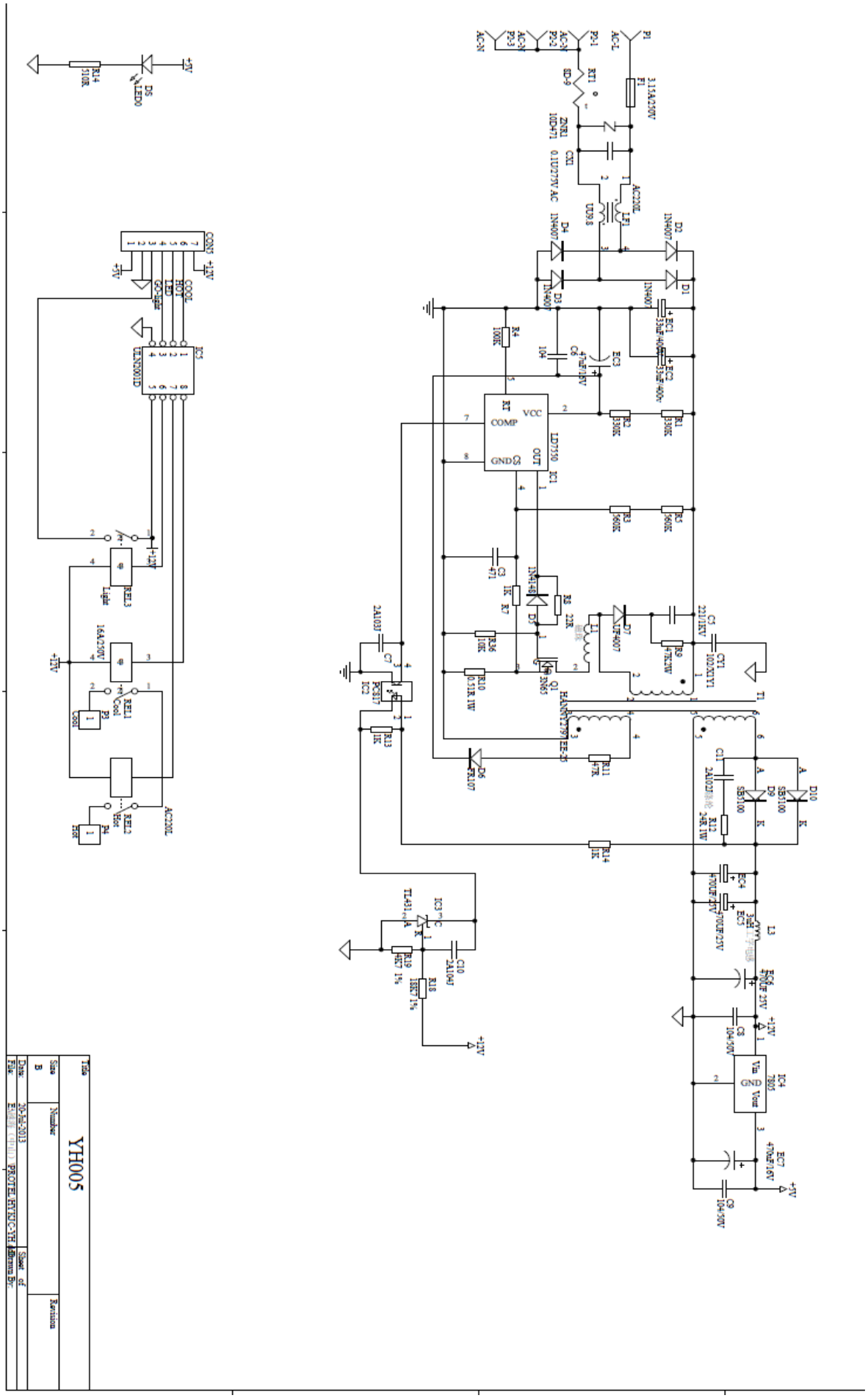
7.0 Illustrations

Illustration 4.4 - Schematic circuit diagram of switching power supply model YH-3C, used for model YC-510A



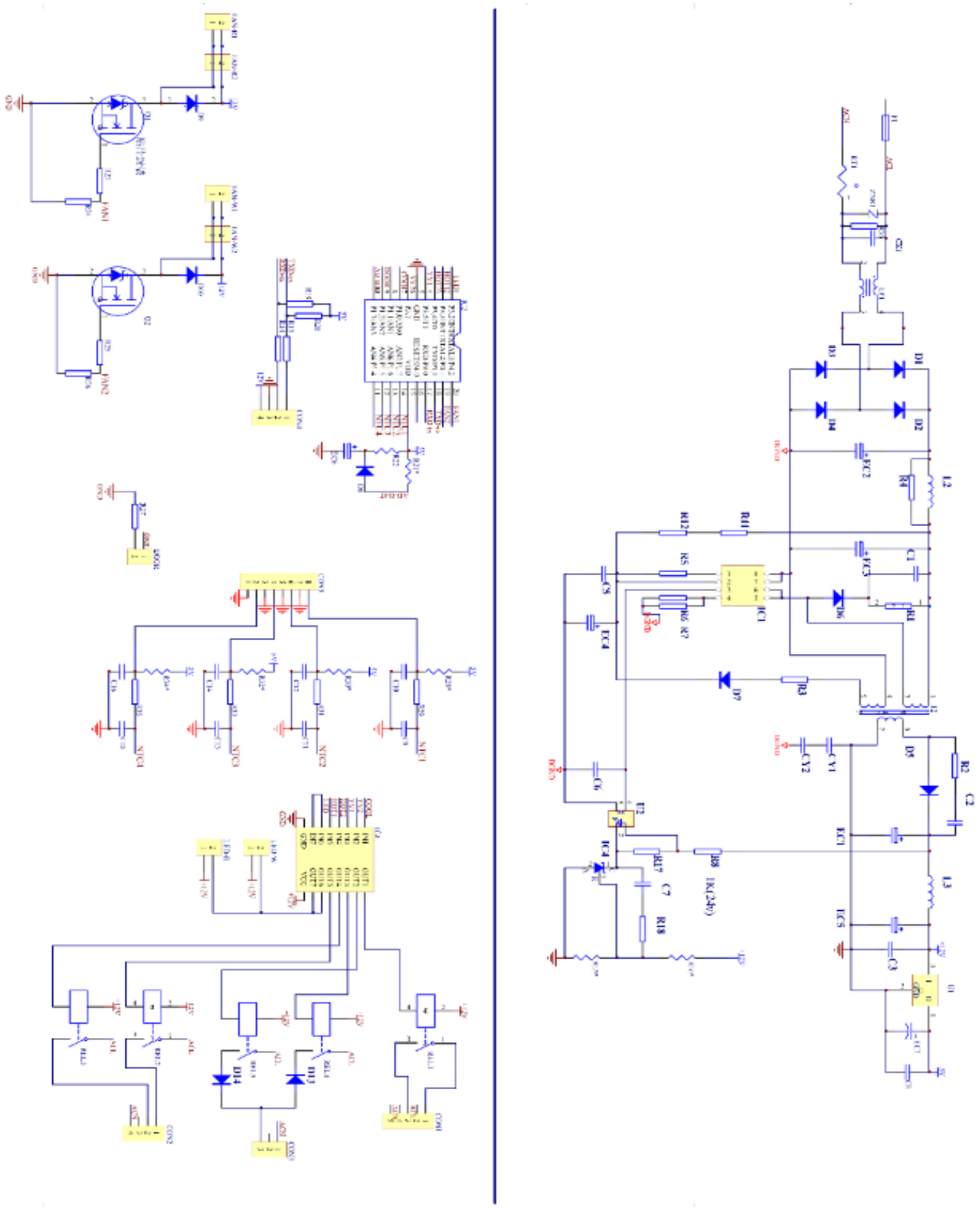
7.0 Illustrations

Illustration 4.5 - Schematic circuit diagram of switching power supply model YH 005, used for model YC-100A



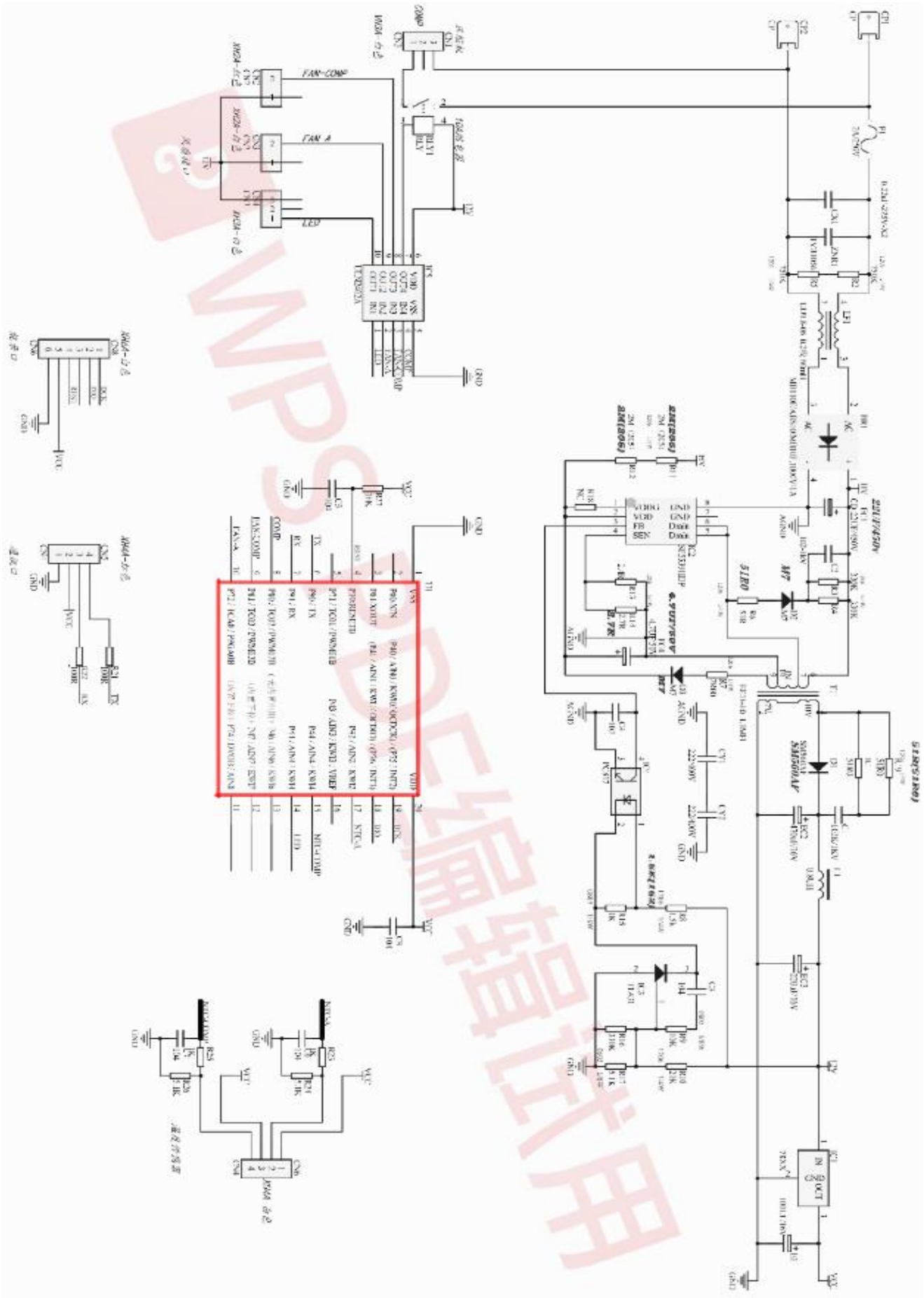
7.0 Illustrations

Illustration 4.6 - Schematic circuit diagram of switching power supply model JC18, used for model YC-18



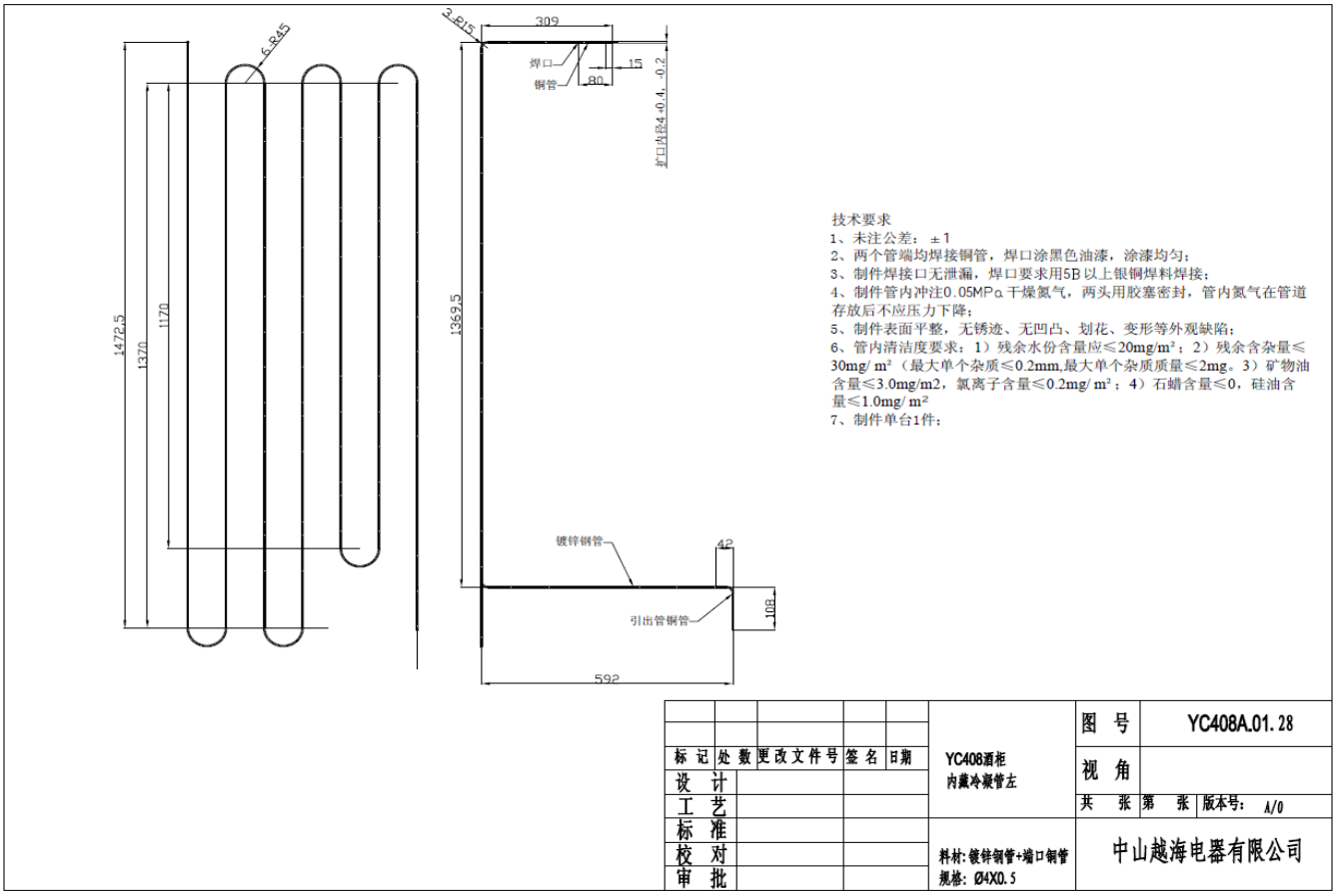
7.0 Illustrations

Illustration 4.7 - Schematic circuit diagram of switching power supply model SST-E16, used for model YH-12, YH-18, YH-24



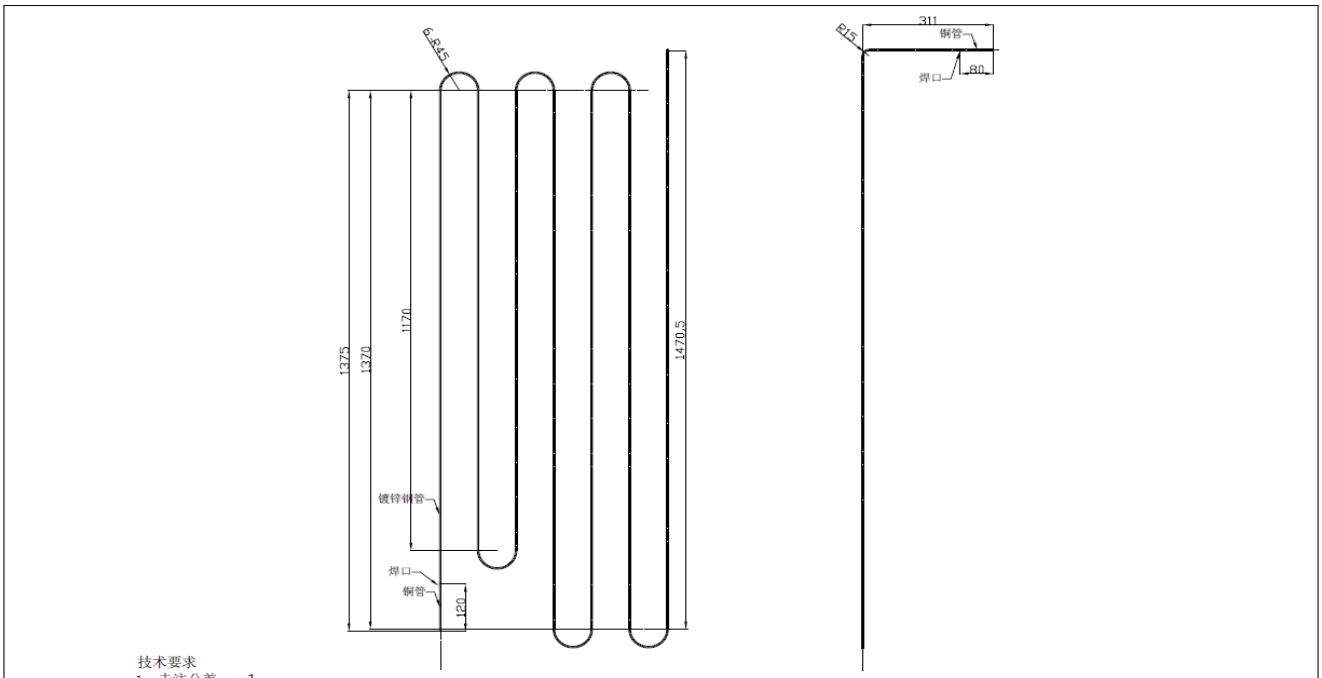
7.0 Illustrations

Illustration 5.1 - Specification of condenser of YC-510 series



技术要求
1、未注公差：±1
2、两个管端均焊接铜管，焊口涂黑色油漆，涂漆均匀；
3、制件焊接口无泄漏，焊口要求用5B以上银铜焊料焊接；
4、制件管内冲注0.05MPa干燥氮气，两头用胶塞密封，管内氮气在管道存放后不应压力下降；
5、制件表面平整，无锈迹、无凹凸、划花、变形等外观缺陷；
6、管内清洁度要求：1）残余水份含量应≤20mg/m²；2）残余含杂量≤30mg/ m²（最大单个杂质≤0.2mm,最大单个杂质质量≤2mg。3）矿物油含量≤3.0mg/m2，氯离子含量≤0.2mg/ m²；4）石蜡含量≤0，硅油含量≤1.0mg/ m²
7、制件单台1件；

标记	处数	更改文件号	签名	日期	YC408酒柜 内藏冷凝管左	图号	YC408A.01.28
						视角	
设计						共 张	第 张 版本号: A/0
工艺							
标准					材料:镀锌钢管+端口铜管 规格: Ø4X0.5	中山越海电器有限公司	
校对							
审批							

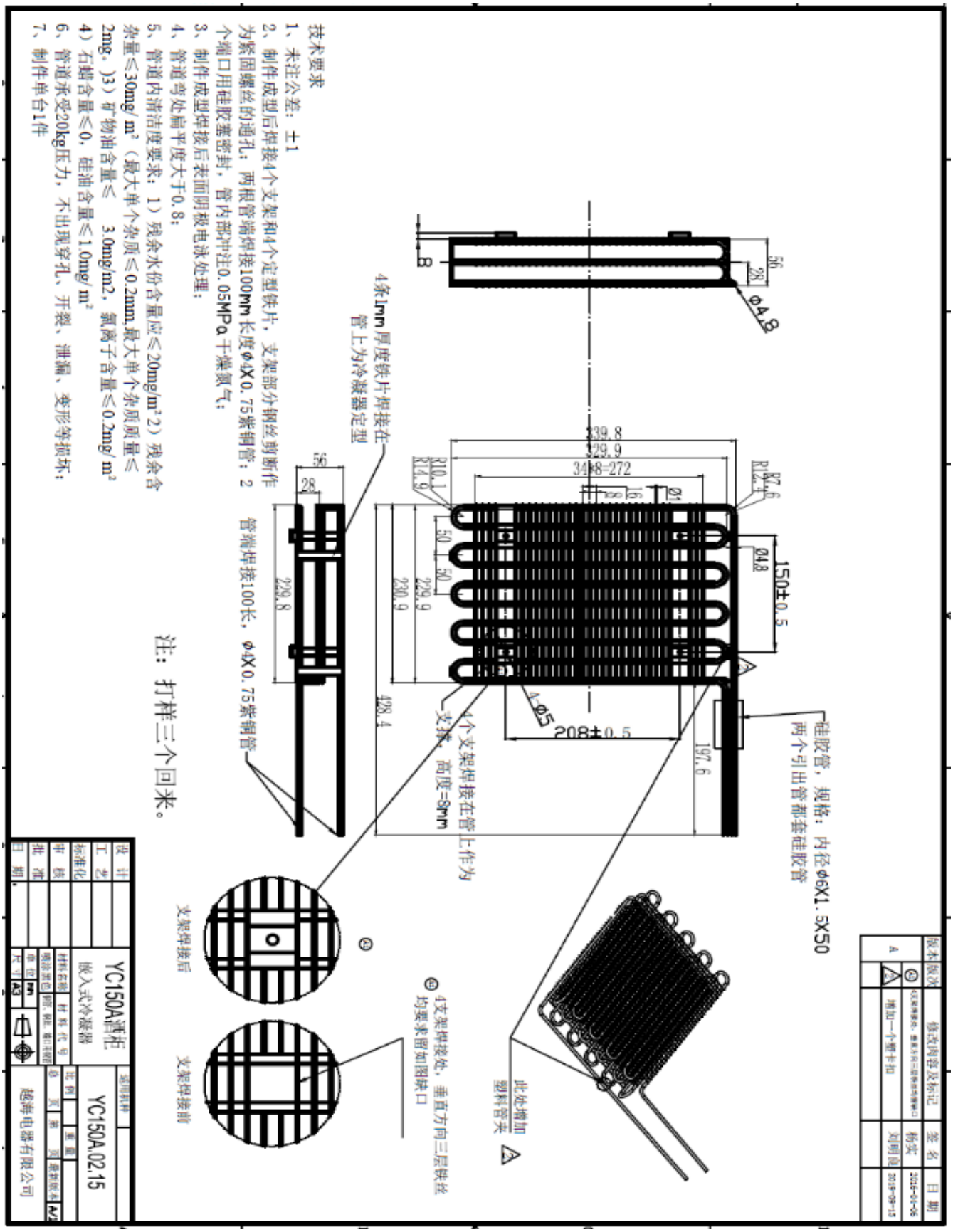


技术要求
1、未注公差：±1
2、两个管端均焊接铜管，焊口涂黑色油漆，涂漆均匀；
3、制件焊接口无泄漏，焊口要求用5B以上银铜焊料焊接；
4、制件管内冲注0.05MPa干燥氮气，两头用胶塞密封，管内氮气在管道存放后不应压力下降；
5、制件表面平整，无锈迹、无凹凸、划花、变形等外观缺陷；
6、管内清洁度要求：1）残余水份含量应≤20mg/m²；2）残余含杂量≤30mg/ m²（最大单个杂质≤0.2mm,最大单个杂质质量≤2mg。3）矿物油含量≤3.0mg/m2，氯离子含量≤0.2mg/ m²；4）石蜡含量≤0，硅油含量≤1.0mg/ m²
7、制件单台1件；

标记	处数	更改文件号	签名	日期	YC408酒柜 内藏冷凝管右	图号	YC408A.01.29
						视角	
设计						共 张	第 张 版本号: A/0
工艺							
标准					材料:镀锌钢管+端口铜管 规格: Ø4X0.5	中山越海电器有限公司	
校对							
审批							

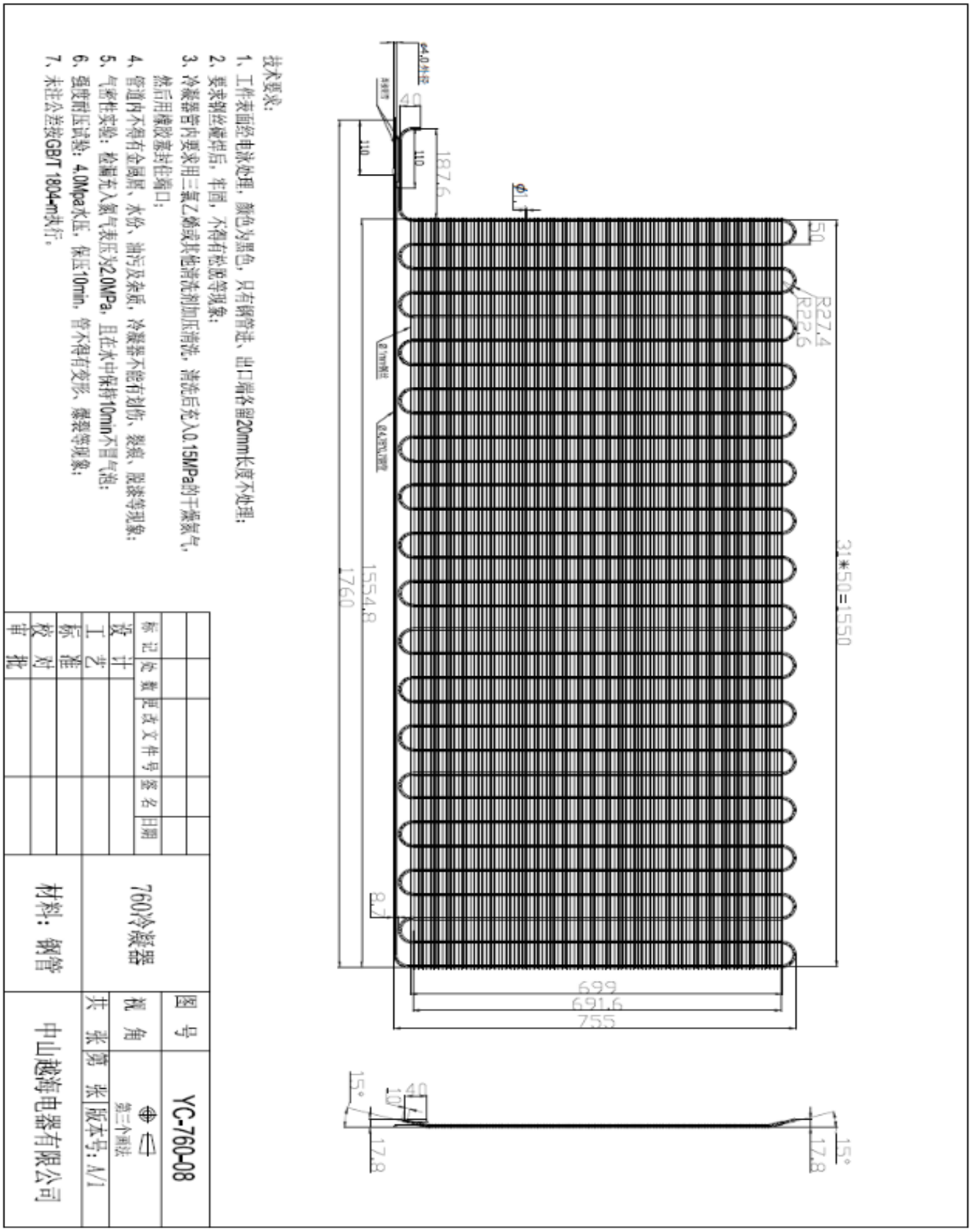
7.0 Illustrations

Illustration 5.2 - Specification of condenser of model YC-120-2D



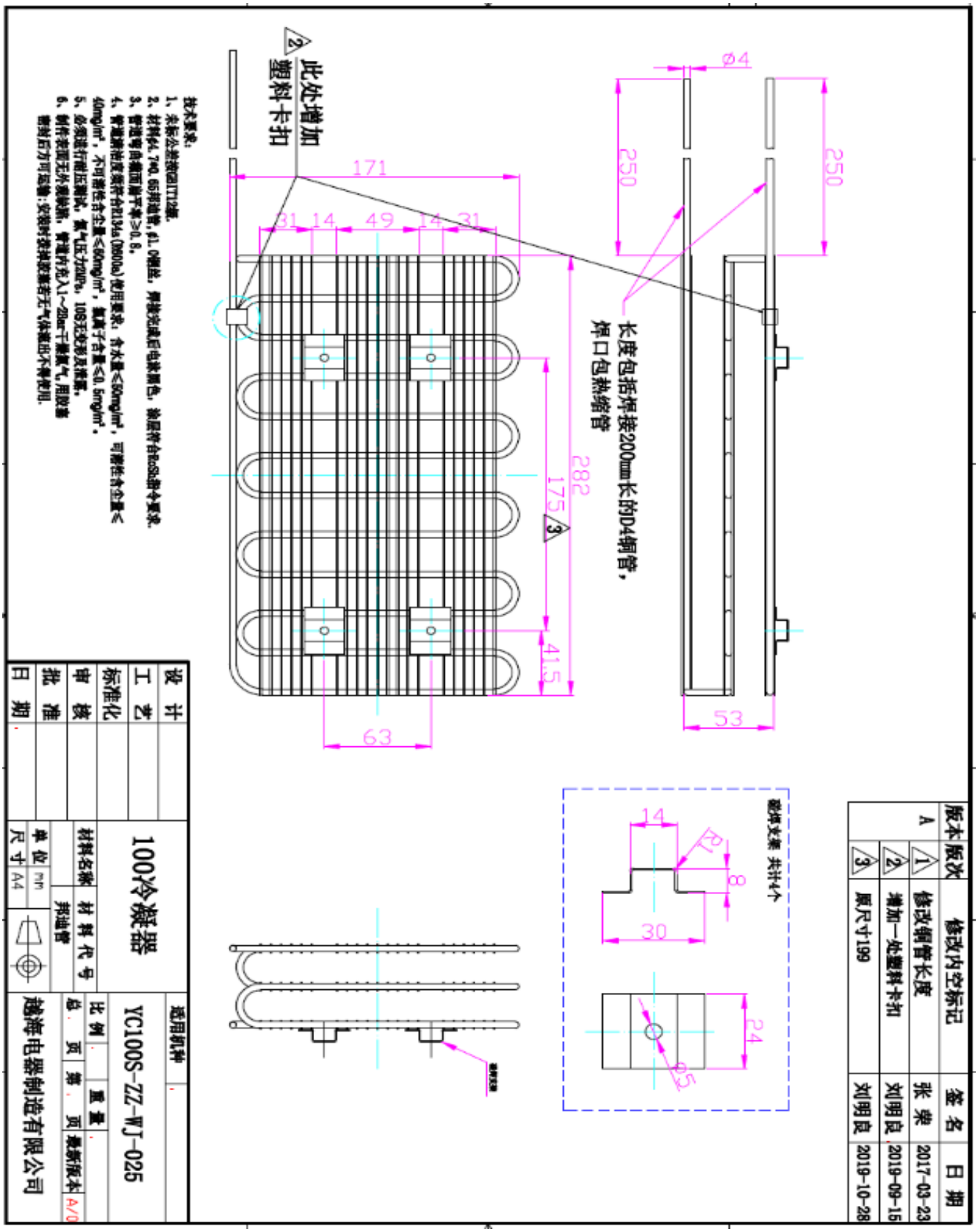
7.0 Illustrations

Illustration 5.3 - Specification of condenser of model YC-760



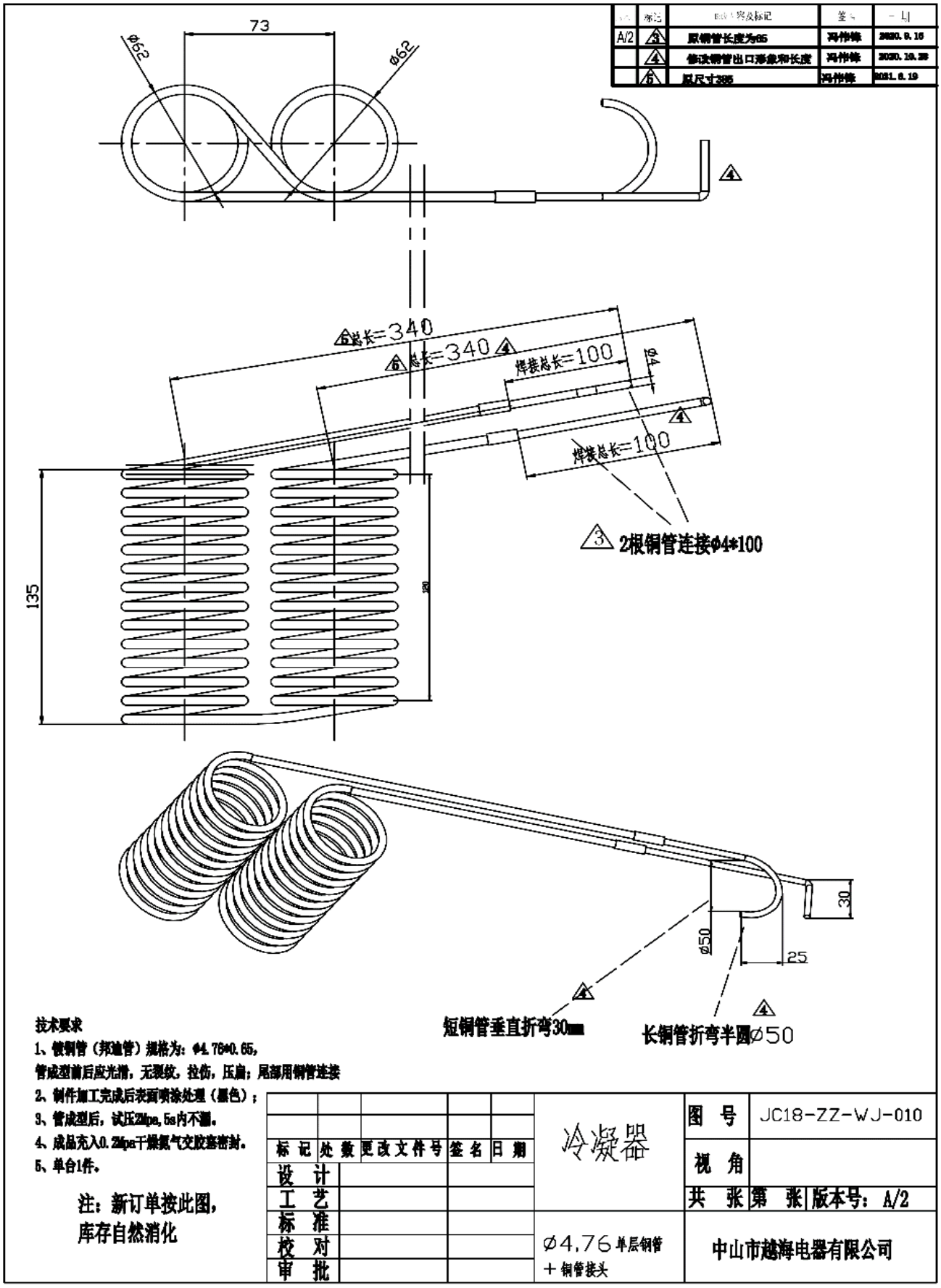
7.0 Illustrations

Illustration 5.4 - Specification of condenser of model YC-100A



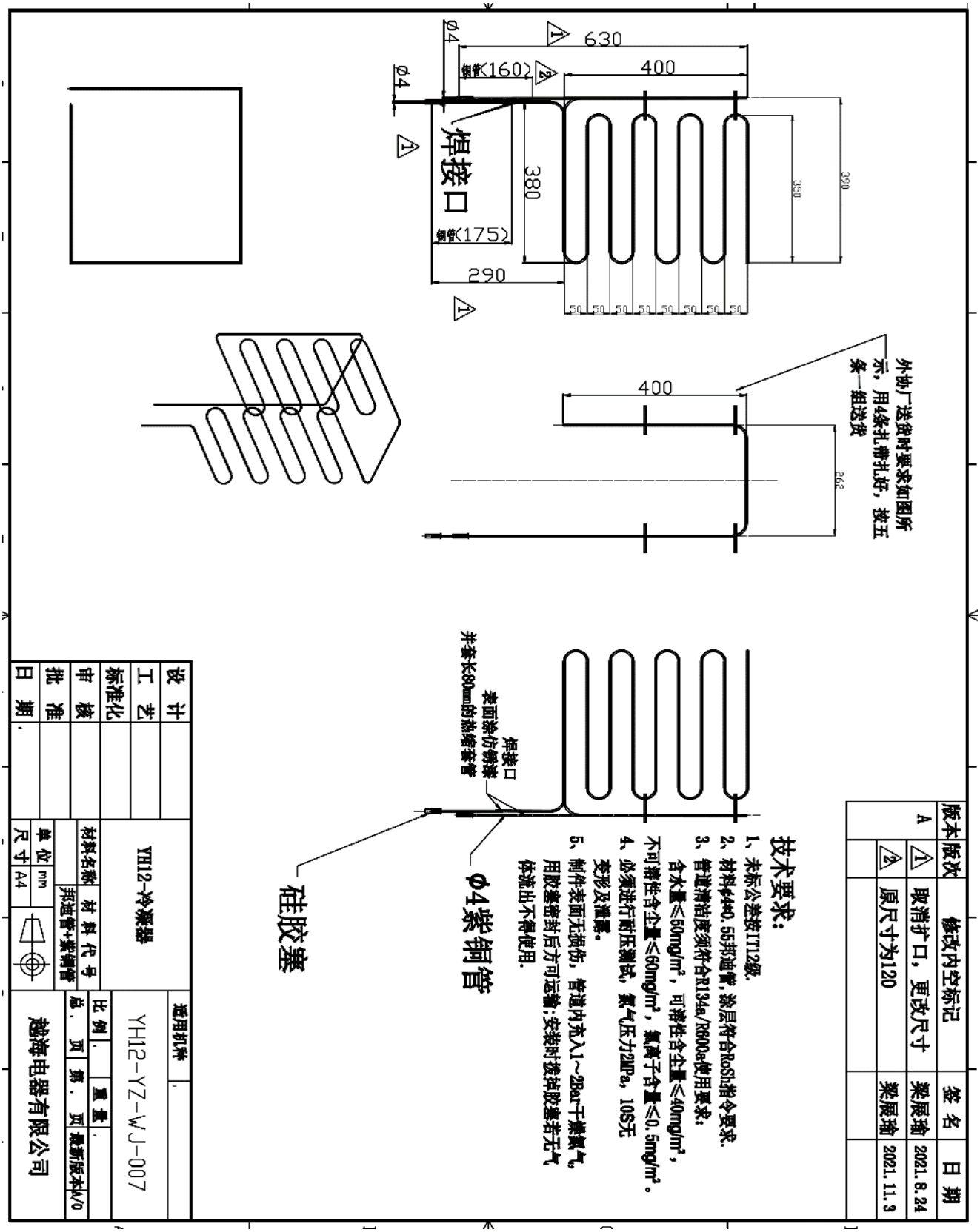
7.0 Illustrations

Illustration 5.5 - Specification of condenser of model YC-18



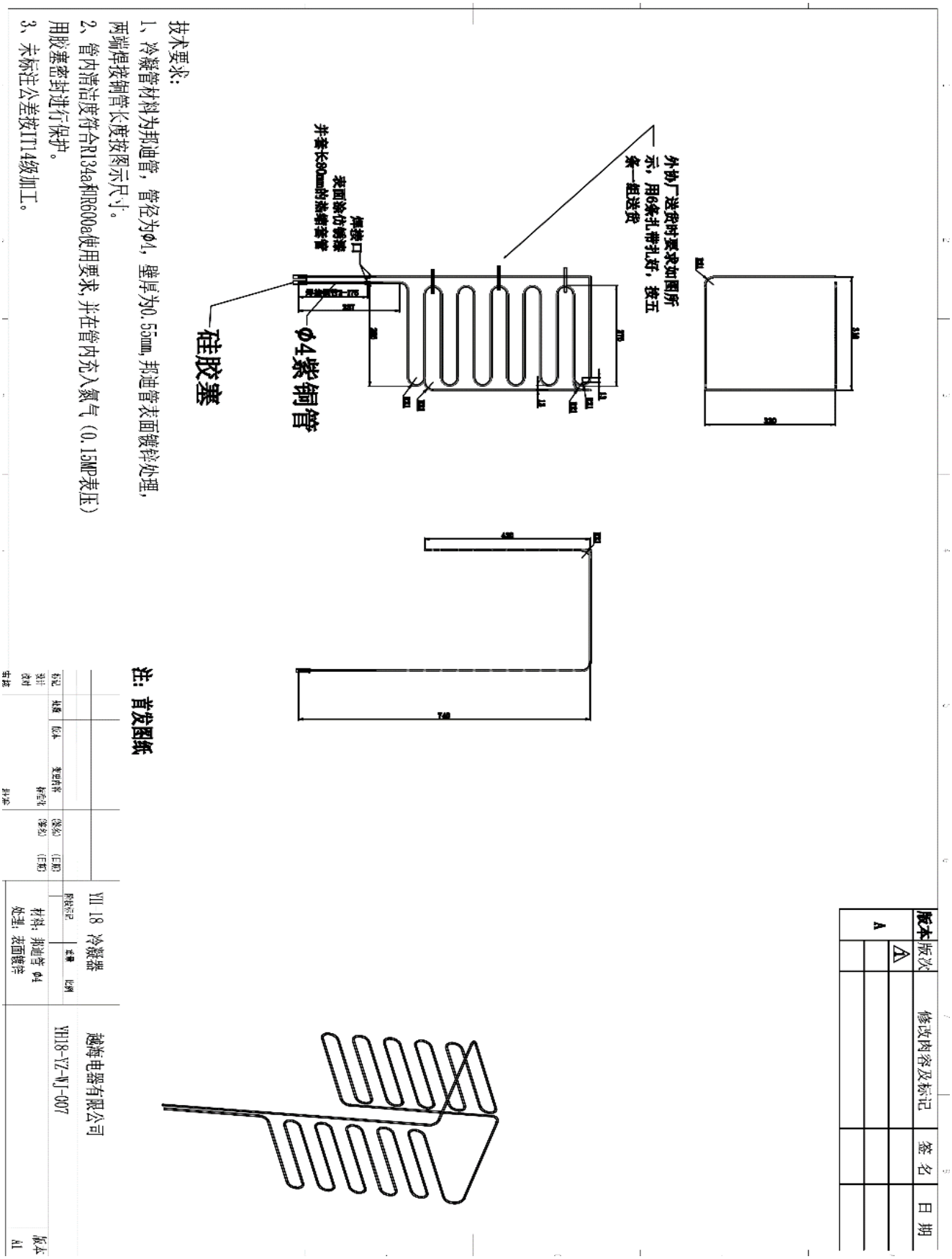
7.0 Illustrations

Illustration 5.6 - Specification of condenser of model YH-12



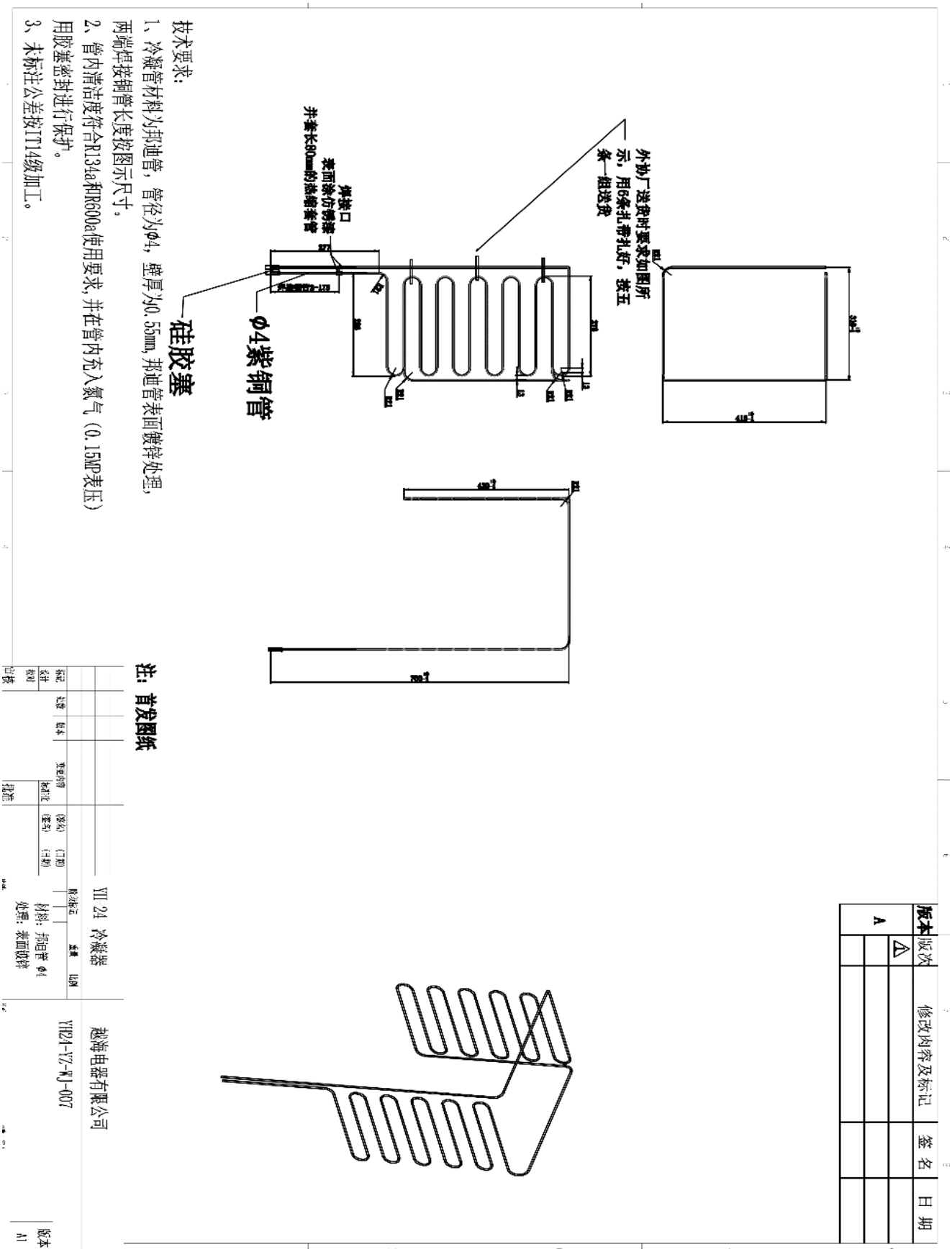
7.0 Illustrations

Illustration 5.7 - Specification of condenser of model YH-18



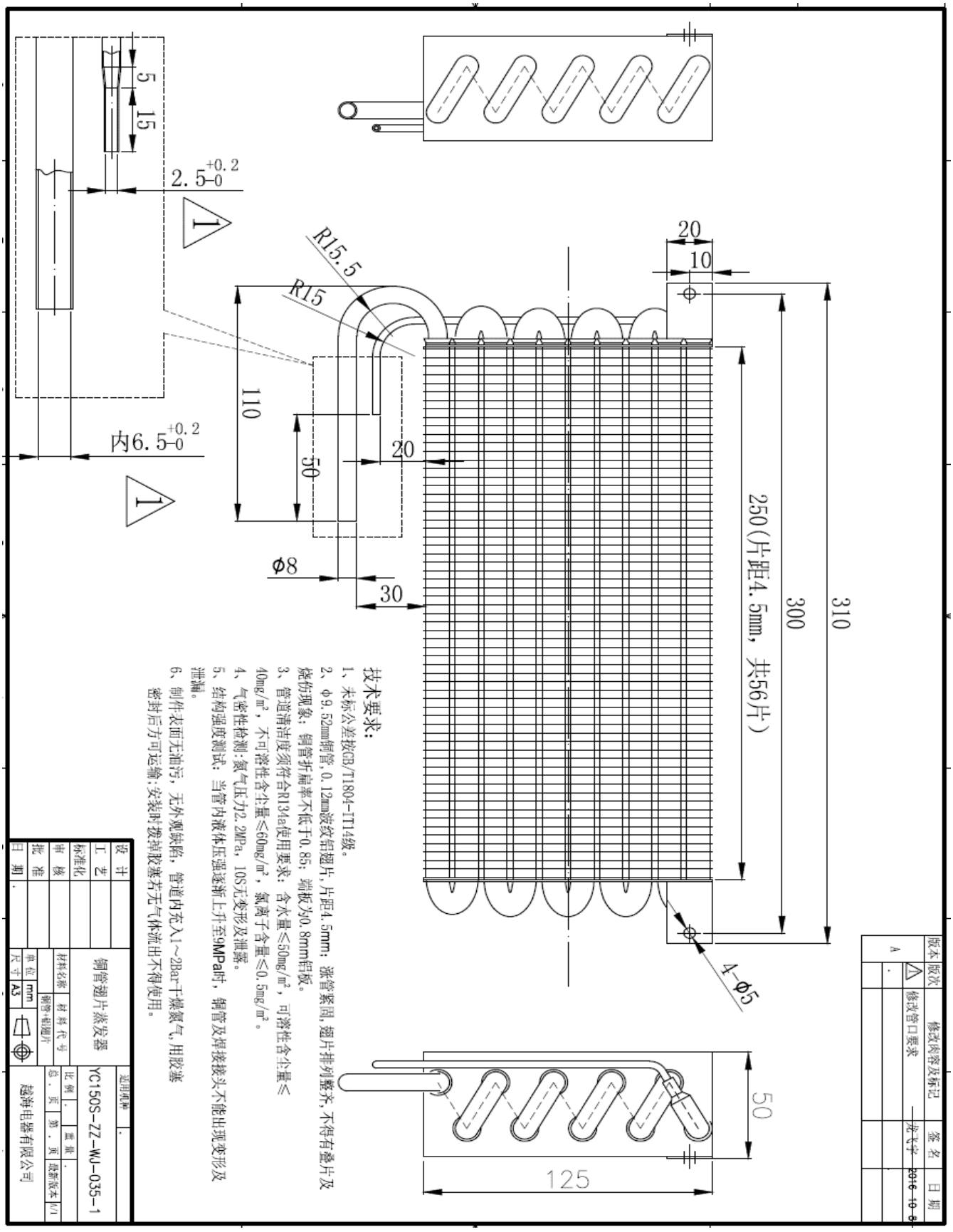
7.0 Illustrations

Illustration 5.8 - Specification of condenser of model YH-24



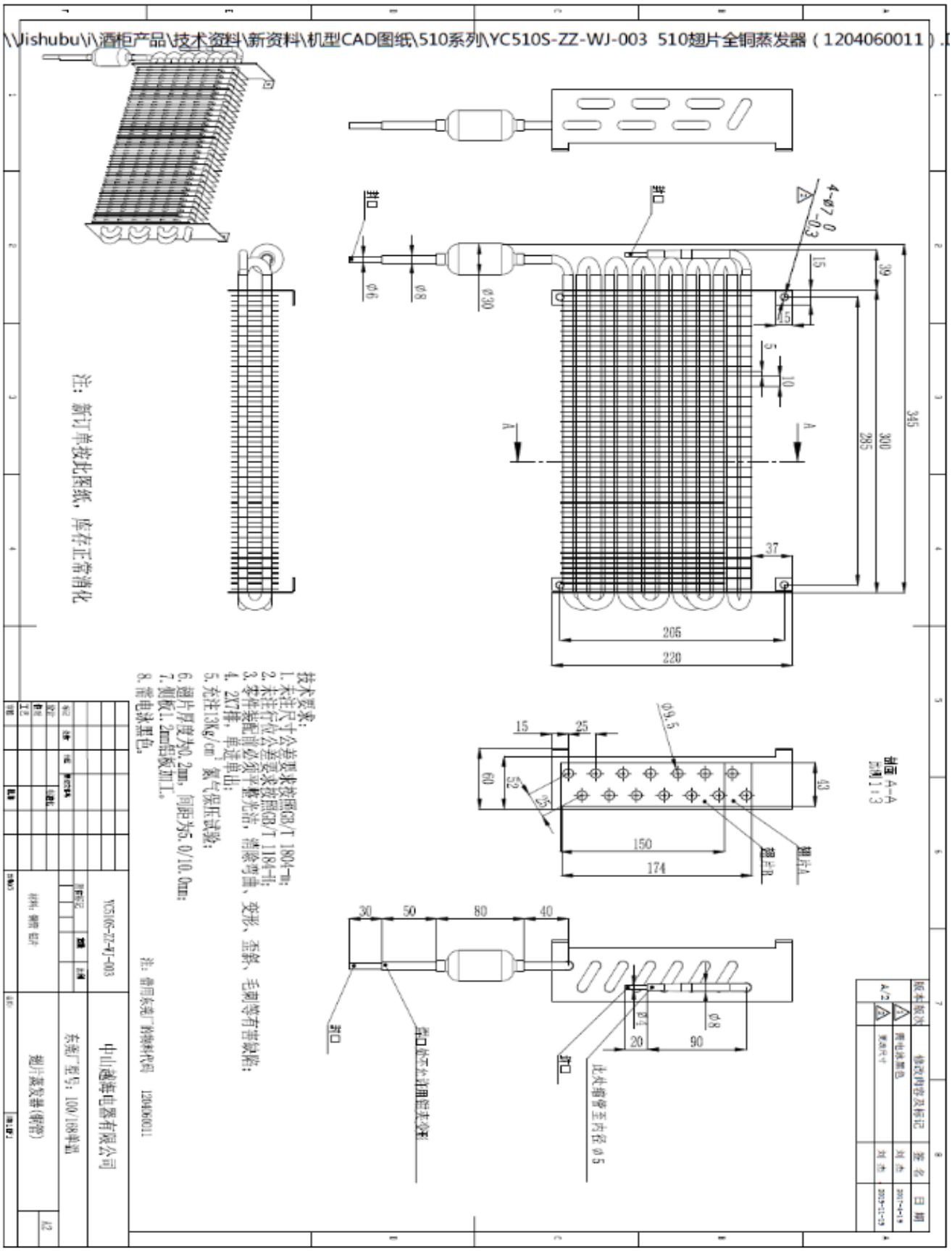
7.0 Illustrations

Illustration 6.1 - Specification of evaporator of model YC-510D2Z



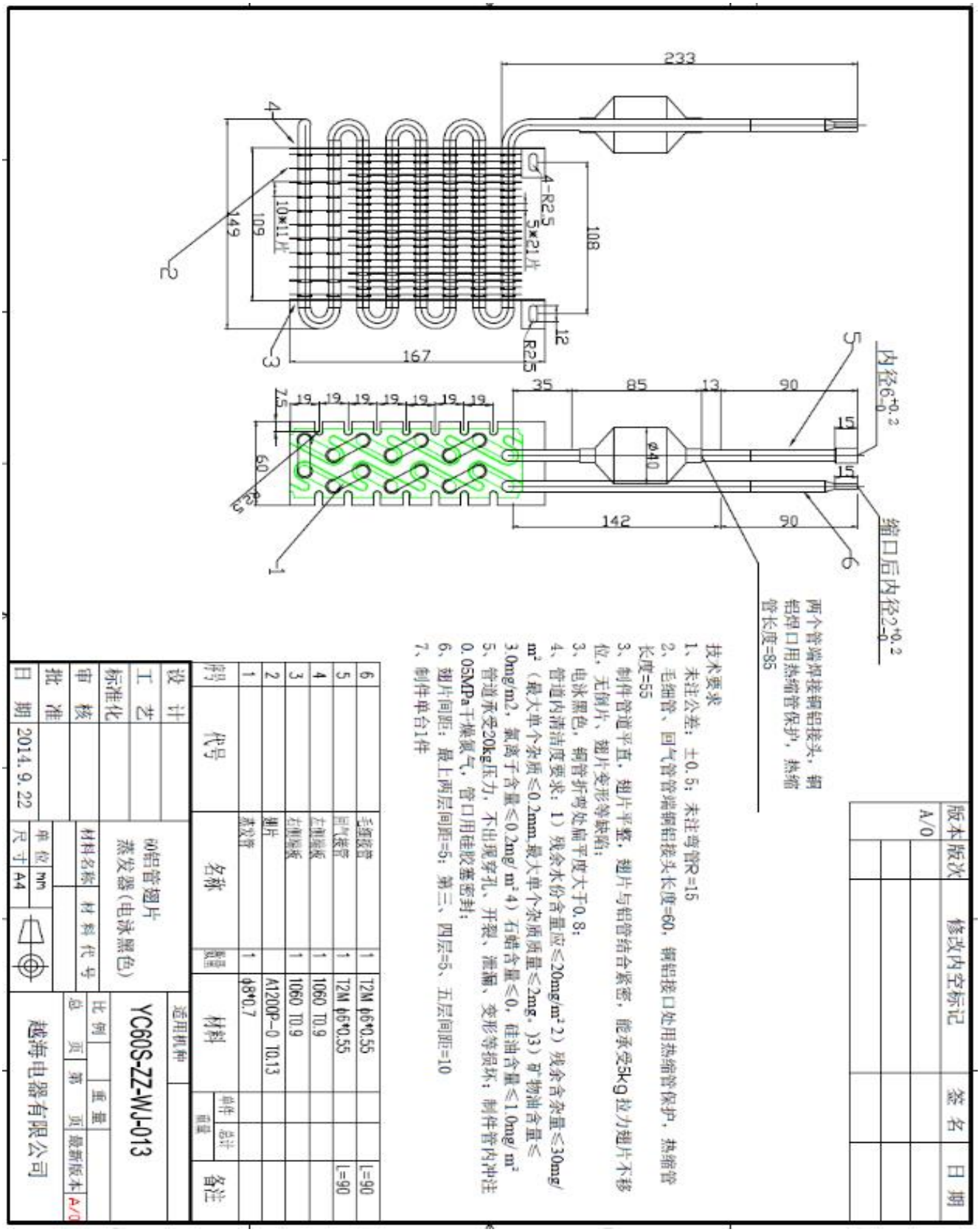
7.0 Illustrations

Illustration 6.2 - Specification of evaporator of model YC-510A



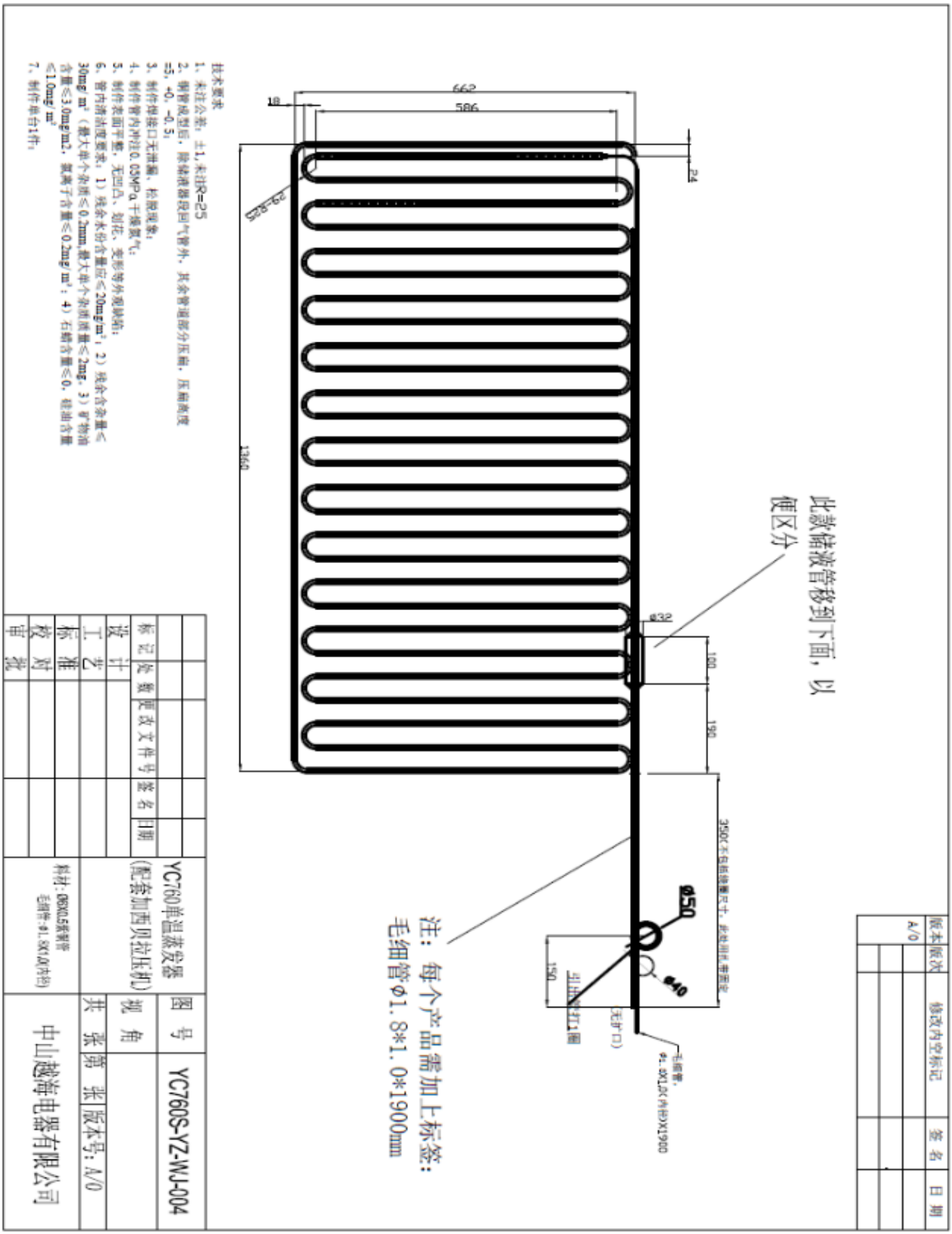
7.0 Illustrations

Illustration 6.3 - Specification of evaporator of model YC-120-2D



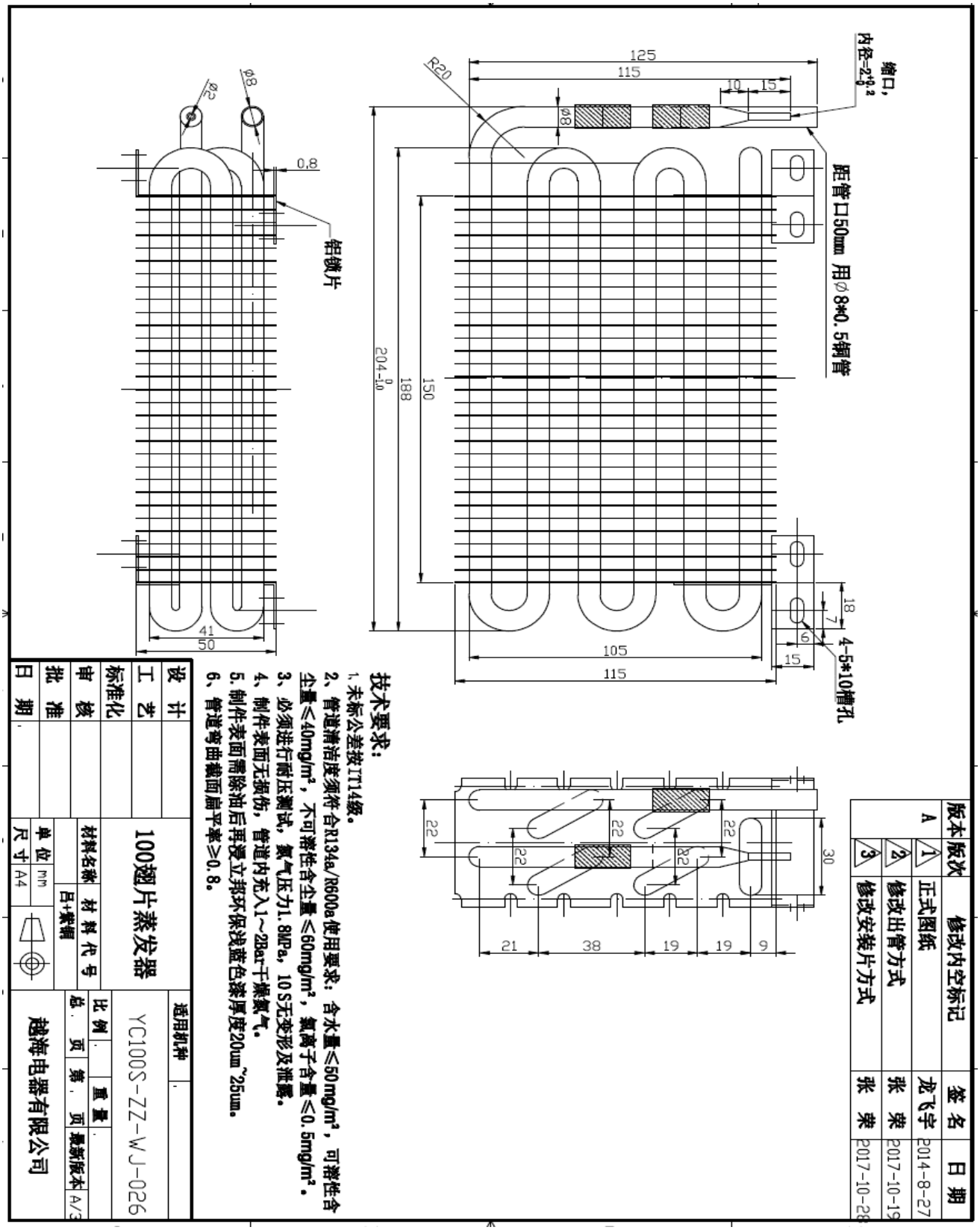
7.0 Illustrations

Illustration 6.4 - Specification of evaporator of model YC-760



7.0 Illustrations

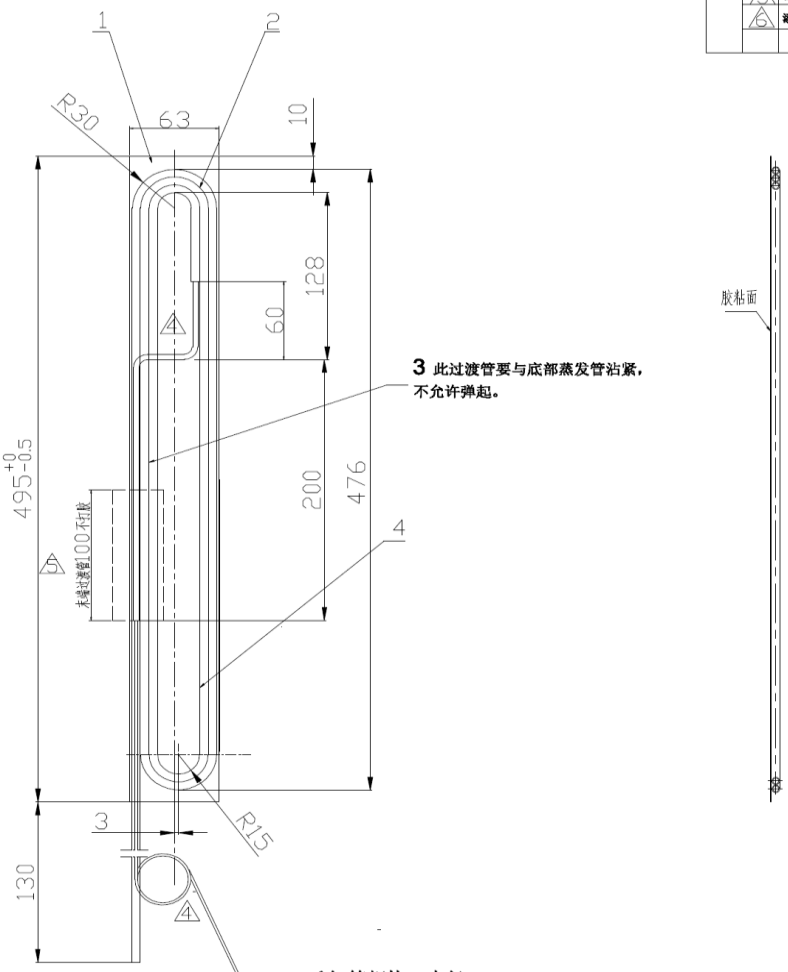
Illustration 6.5 - Specification of evaporator of model YC-100A



7.0 Illustrations

Illustration 6.6 - Specification of evaporator of model YC-18

版本	版次	修改内空标记	签 名	日 期
A	4	修改过渡管图和毛细管打圈位置	李钧明	2021-11-9
	5	添加描述	冯伟锋	2022. 5. 10
	6	添加尺寸备注	冯伟锋	2022. 9. 19



技术要求：

1、蒸发管尾部焊接铜管φ4长200MM，位置按图示尺寸,毛细管规格内径φ0.6*1200MM;
2、管内清洁度符合R134a使用要求,并在管内充入氮气（0.15MP表压）用胶塞密封进行保护;
3、焊接处不允许有脱焊、焊漏、裂纹等缺陷;
5. 焊接材料均符合ROHS等环保要求;
6. 单台1件。

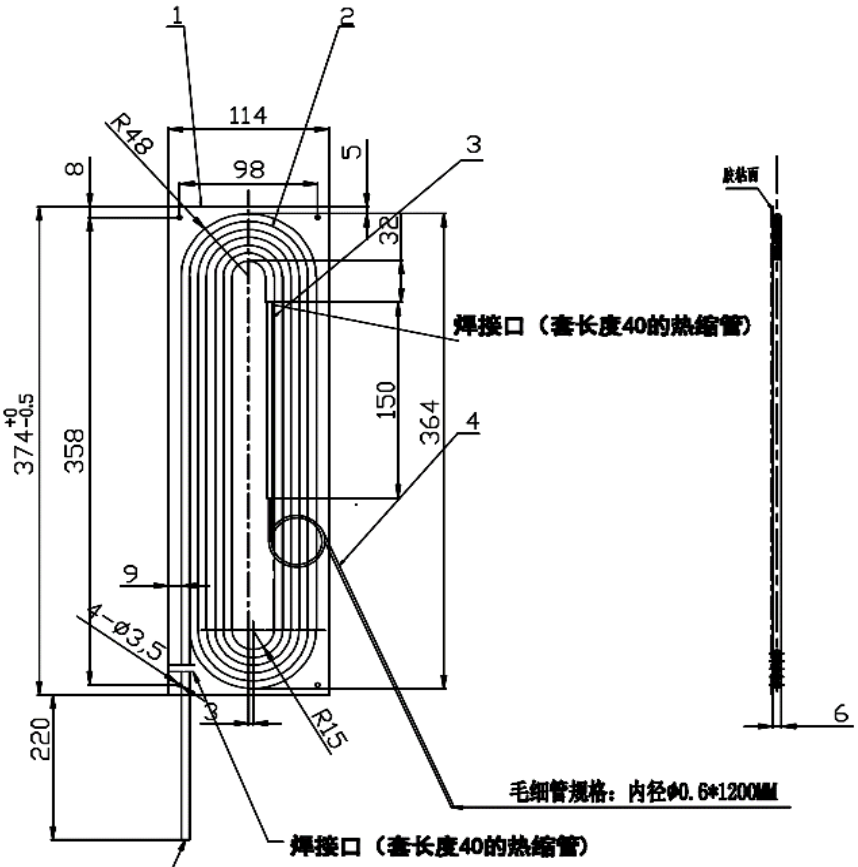
序号	零件图号	零件名称	数量	材料	备注
4	JC18-ZZ-WJ-016	毛细管	1		与组件共图
3	JC18-ZZ-WJ-015	过渡管	1	φ4 铜管 壁厚0.55	与组件共图
2	JC18-ZZ-WJ-017	蒸发管	1	φ6 铝管 壁厚0.55	与组件共图
1	JC18-ZZ-WJ-018	铝板	1	铝板/T=0.5	与组件共图

标记	处数	更改文件号	签名	日期	蒸发器组件(铝管)	图号	JC18-ZZ-WJ-011
						视角	
设计						共 张	第 张 版本号: A/0
工艺							
标准							
校对							
审批							

7.0 Illustrations

Illustration 6.7 - Specification of evaporator of model YH-12, YH-18, YH-24.

版本	版次	修改内容标记	签 名	日 期
A	1	正式图纸	梁展瑜	2021.9.4



技术要求：

1、蒸发管尾部焊接铜管φ4长220MM，位置按图示尺寸，毛细管规格内径φ0.6*1200MM；
2、管内清洁度符合R134a使用要求，并在管内充入氮气（0.15MP表压）用胶塞密封进行保护；
3、焊接处不允许有脱焊、焊漏、裂纹等缺陷；
5. 焊接材料均符合ROHS等环保要求；
6. 单台1件。

序号	零件图号	零件名称	数量	材料	备注
4	YH12-ZZ-WJ-005	毛细管	1		与组件共图
3	YH12-ZZ-WJ-006	过渡管	1	φ4铜管 壁厚0.55	与组件共图
2	YH12-ZZ-WJ-007	蒸发管	1	φ6铝管 壁厚0.55	与组件共图
1	YH12-ZZ-WJ-008	铝板	1	铝板/T=0.5	与组件共图

标记	处数	更改文件号	签名	日期	蒸发器组件（铝管）	图号	YH12-ZZ-WJ-004
设计						视角	
工艺						共 张	第 张 版本号：A/0
标准							
校对							
审批							

7.0 Illustrations

Illustration 7.1 - Important Instructions

Safety Tips

Before using this appliance, it must be properly positioned and installed as described in this manual, so please read carefully. To reduce the risk of fire, electrical shock or injury when using the appliance, follow these basic precautions.

⚠ DANGER ⚠

- Plug into a grounded outlet. Do not under any circumstances cut or remove the third ground prong from the power cord supplied, do not use an adapter, and do not use an extension cord.
- It is recommended that a separate circuit, serving only your appliance be used. Do not use outlets that can be turned off by a switch or pull chain.
- Never clean appliance parts with flammable fluids and do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance. The fumes can create a fire hazard or explosion.
- Unplug the appliance or disconnect power before cleaning or servicing. Failure to do so can result in electrical shock or death.
- Do not attempt to repair or replace any part of your appliance unless it is specifically recommended in this manual. All other servicing should be referred to a qualified technician.

⚠ WARNING ⚠

- Use two or more people to move and install appliance. Failure to do so can result in back or other injury.
- To ensure proper ventilation for your appliance, the front of the unit must be completely unobstructed. Choose a well-ventilated area with temperatures above 60°F (16°C) and below 90°F (32°C). This unit must be installed in an area protected from the element, such as wind, rain, water spray or drips.
- The appliance should not be located next to ovens, grills or other high heat sources or in areas of extreme cold.
- The appliance must be installed in accordance with state and local codes. A standard electrical supply (220-240 V AC only, 50 Hz), properly grounded in accordance with the National Electrical Code and local ordinances is required.
- Do not kink or pinch the power supply cord of appliance.
- The fuse (or circuit breaker) size should be 15 amperes.
- It is important for the appliance to be leveled in order to work properly. You may need to make several adjustments to level it.
- Never allow children to operate, play with or crawl inside the appliance. Child entrapment and suffocation are not just problems of the past, junked or abandoned appliances are still dangerous. When no longer using your old wine cellar, take off the door and leave the shelves in place so that children may not climb inside easily.
- Do not use solvent-based cleansers or abrasives on the interior as they may damage or discolor the interior.
- Because of potential safety hazards under certain conditions, it is strongly recommended that you do not use an extension cord with this appliance.
- If the appliance is going to be used in an area that is prone to power surges/outages, it is suggested that you use a power surge protector. The surge protector that you select must have a surge block high enough to protect the appliance it is connected to. Damages due to power surges are not considered a manufacturer covered defect and will void your product warranty.
- The cord should be secured behind the appliance and not left exposed or dangling to prevent accidental injury. Never unplug the appliance by pulling the power cord. Always grip the plug firmly and pull straight out from the receptacle. Repair or replace immediately all power cords that have become frayed or otherwise damaged. Do not use a cord with cracks or abrasion damage along its length or at either end. When moving the appliance, be careful not to damage the power cord.
- Do not use this apparatus for other than its intended purpose.

Failure to heed these safety warnings may result in extensive product damage, serious personal injury, or death.

Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

This appliance is intended to be used in household and similar applications such as
– staff kitchen areas in shops, offices and other working environments;
– farm houses and by clients in hotels, motels and other residential type environments;
– bed and breakfast type environments;
– catering and similar non-retail applications.

If the SUPPLY CORD is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

DANGER: Risk of child entrapment. Before you throw away your old refrigerator or freezer:
*** Take off the doors.**
*** Leave the shelves in place so that children may not easily climb inside.**

7.0 Illustrations

Illustration 7.2 - Important Instructions

The following requirements shall be followed at all times when using the wine cabinet:

(1) use in strict accordance with the provisions of the wine cabinet.

(2) do not pull the plug out of the socket by holding the power cord, but pull it out from the wall socket by holding the plug.

(3) if the power cord is broken, please repair or replace it immediately. Do not use cracked or aged power cord.

(4) children are not allowed to climb the cabinet to avoid damaging the cabinet and causing harm to the body.

(5) do not use power distribution.

(6) danger warning:

A. This product is a food refrigerator, it is strictly prohibited to store inflammable, explosive, corrosive, toxic, radiation and other dangerous goods, please comply with the local food safety laws when storing food.

B. When throwing away the old wine cabinet, please remove the cabinet door and put the cabinet shelf in the place where children are not easy to contact.

C. Some cabinet doors are equipped with locks. Please take care of the key and install it in a place where children are not easy to touch.

wine cabinet installation guide:

(1) after disassembling the packing box, please carefully check whether the cabinet is damaged or deformed;

(2) check the cabinet door to see whether the cabinet components are complete, such as: shelf, instruction, keys, etc.; If the bits of the shelf or support shelf fall during transportation, please install them according to the relevant items on the back page.

(3) if there is nothing wrong with the wine cabinet after inspection, put it in the designated position. Pay attention to the following when placing:

A. the space between the wine cabinet and the left and right walls should be at least 5 cm apart; The space between the back of the wine cabinet and the wall should be at least 8cm apart.

B. the floor of the wine cabinet must be smooth. If it is not level, the cabinet can be kept level by adjusting the four supporting feet at the bottom of the cabinet.

(4) the location of the wine cabinet must be far away from all heat sources, avoid direct sunlight, pay attention not to install the wine cabinet in too wet place (such as laundry room, utility room, bathroom, etc.).

(5) the tilting degree of the wine cabinet shall not exceed 45° during handling, and the power can only be switched on at least 10 minutes after handling. When handling wine cabinet, please pay attention to prevent cabinet shelf and glass door movement.

(6) if it is necessary to place the wine cabinet into the workbench, it is necessary to ensure that the ventilation behind the wine cabinet is smooth, otherwise it will reduce the use effect of the wine cabinet.

Daily maintenance:

This series of wine cabinet is easy to operate, excellent performance, if you follow the following simple maintenance procedures, performance will be even better.

-- change the activated carbon filter of the vent above the wine cabinet every six months.

-- dust the condenser every two years.

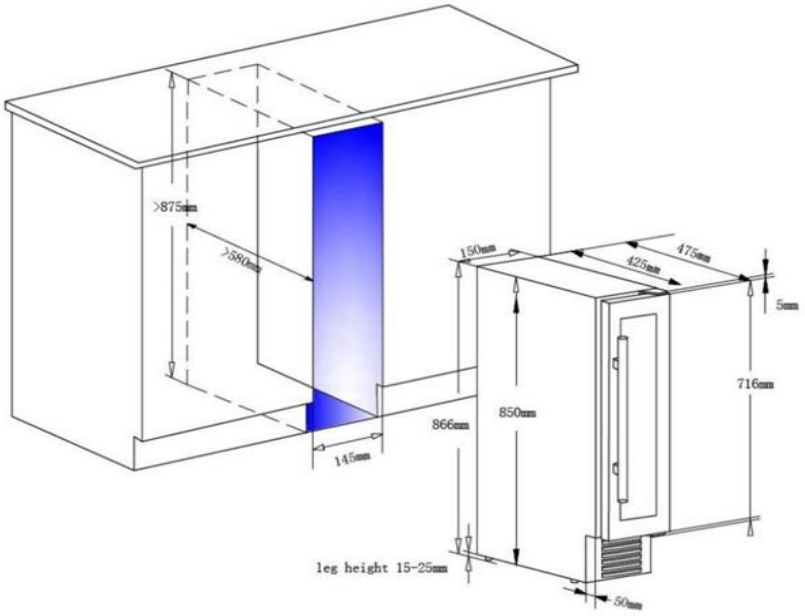
-- clean the cabinet thoroughly once a year. Please pull out the plug and empty the cabinet before cleaning, then gently scrub the cabinet with a wet cloth (use water or neutral cleaner when cleaning).

7.0 Illustrations

Illustration 7.3 - Important Instructions of YC-18

BUILT-UNDER SERIES (Built under a kitchen table top)

15cm Wine Cooler



Installation of your wine cellar

- This product can only be used for built-in installation, not for freestanding use.
- Place your wine cellar on a floor that is strong enough to support it when it is fully loaded. To level your wine cellar, adjust the front leveling legs at the bottom of the wine cellar.
- Place your wine cellar inside the kitchen cabinet and secured it to surrounding structures by screws.
- Locate the wine cellar away from direct sunlight and sources of heat (stove, heater, radiator, etc.). Direct sunlight may affect the acrylic coating and heat sources may increase electrical consumption. Extreme cold ambient temperatures may also cause the unit not to perform properly.
- Avoid locating the unit in moist areas.
- Plug the Wine cellar into an exclusive, properly installed-grounded wall outlet. Do not under any circumstances cut or remove the third (ground) prong from the power cord. Any questions concerning power and/or grounding should be directed toward a certified electrician or an authorized Products service center.

Electrical connection

↗Warning↗: Improper use of the grounded plug can result in the risk of electrical shock. If the power cord is damaged, have it replaced by an authorized service center.

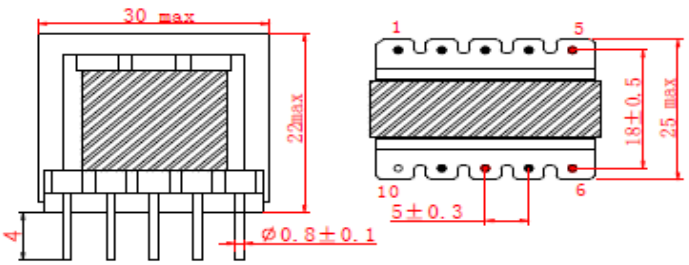
This appliance should be properly grounded for your safety. The power cord of this appliance is equipped with a three-prong plug which mates with standard three prong wall outlets to minimize the possibility of electrical shock.

Do not under any circumstances cut or remove the third ground prong from the power cord supplied. For personal safety, this appliance must be properly grounded.

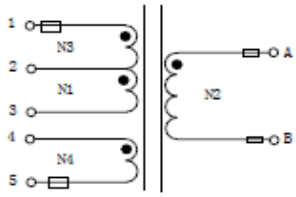
7.0 Illustrations

Illustration 8.1 - Specification of transformer model WX-E28001

1. 外形图



2. 原理图



3. 绕组参数

工序	头—尾	漆包线规格及圈数	绝缘胶带	绕制工艺
N1	2—3	Φ0.30mm/25Ts*1C	10.5mm 淡黄色 2Ts	密绕
N2	A—B	TEX-E Φ0.50mm/8Ts*2C	10.5mm 淡黄色 2Ts	密绕
N3	①—2	Φ0.30mm/25Ts*1C	10.5mm 淡黄色 2Ts	密绕
N4	4—⑤	Φ0.21mm/9Ts*1C	10.5mm 淡黄色 2Ts	居中密绕

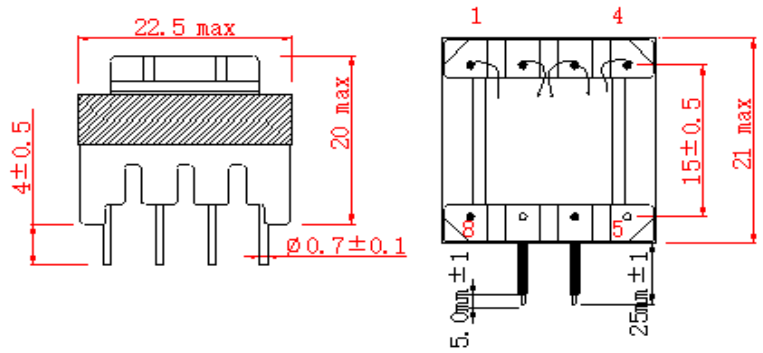
4. 电气参数

测试项目	测试条件	绕组脚位	规格要求	备注
电感量	1.0KHz / 0.3V	1-3	600uH±8%	
漏感	10.0KHz / 0.3V	1-3	uH MAX	短路其它绕组
短路测试	1.0KHz / 0.3V	3-4	20Ω MAX	
耐压	AC, 60Hz/5mA, 3S	初级—次级	4000V	
		初级、次级—磁芯	1000V	

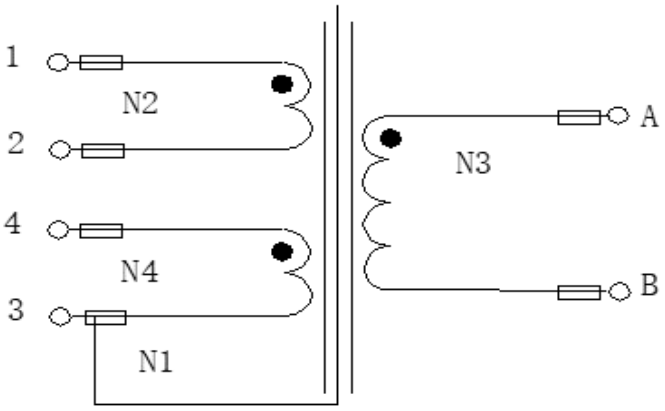
7.0 Illustrations

Illustration 8.2 - Specification of transformer model EF20

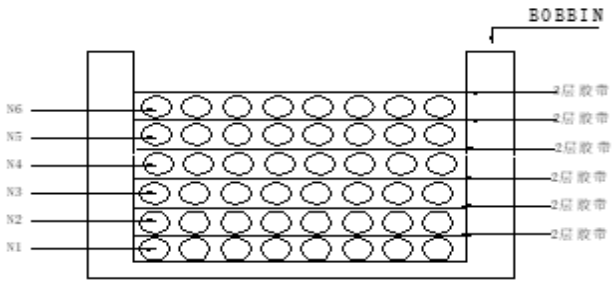
一. 外形图及尺寸（单位：mm ）



二. 原理图



三. 绕组结构及绕线顺序



绕组	起头－收尾	漆包线规格	圈数	绝缘胶带	绕制工艺	备注
N1	③---	Φ0.17mm*1C	63Ts	12.5mm*2Ts	密绕一层	PIN6-10 朝机台密绕一层
N2	②---①	Φ0.27mm*1C	108Ts	12.5mm*2Ts	密绕	PIN6-10 朝机台密绕三层
N3	(A)-- (B)	TEX-E Φ0.50mm*1C	20Ts	12.5mm*2Ts	均绕两层	PIN1-5 朝机台均绕两层
N4	③--④	Φ0.17mm*1C	23Ts	12.5mm*2Ts	居中密绕	PIN6-10 朝机台居中密绕

四. 电性能参数

1. 测试条件： 环境湿度 65±20% 温度 25±5℃

测试频率 f= 1 KHz；电压为 0.3 V.

2. 电感量：

（1--2） L=1.5mH±8% （1--2）漏感小于 50uH（10KHz 1.0V 短路其他绕组）

3. 耐压测试：

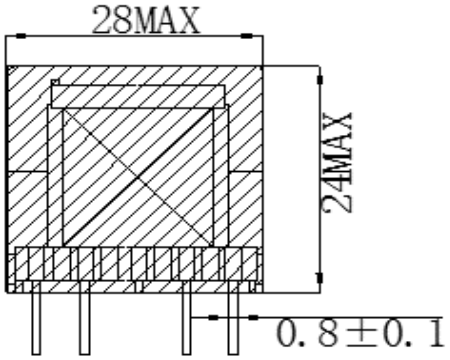
Pri-sec 3750VAC 1mA 3s Pri-core 1000VAC 1mA 3s

Sec-core 1000VAC 1mA 3s

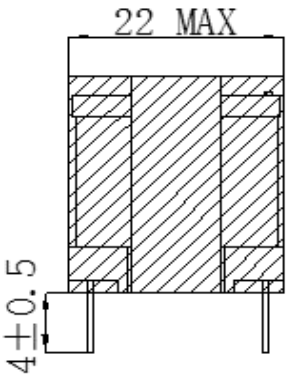
7.0 Illustrations

Illustration 8.3 - Specification of transformer model EE16-25

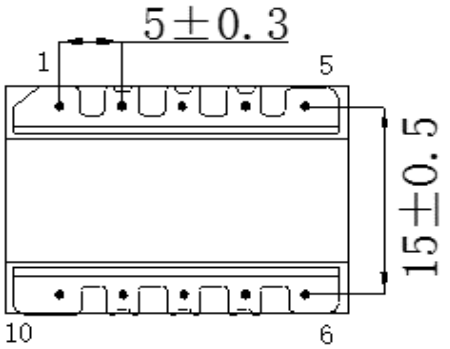
1、DIMENSION：UNIT：mm



主视图



侧视图



底视图

注：1.PIN3 成品后剪至低于挡点以下　2.N4 疏绕

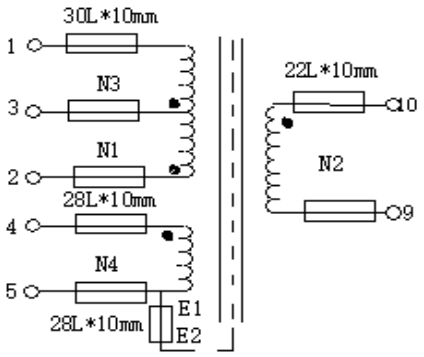
3.成品后用 22mm 黄色胶带平骨架挡点包两圈

4.铜箔用 10mm 黄色胶带背胶,用 11mm 黄色胶带两端绝缘,

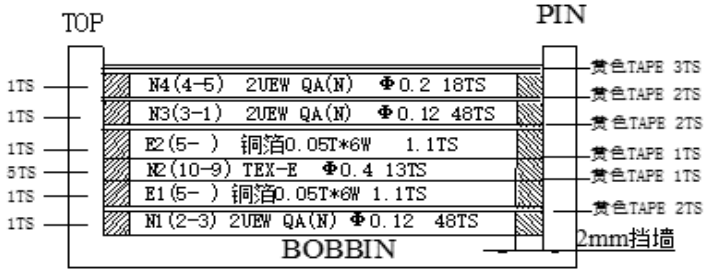
用Φ0.2 线(装 28L*10mm 套管)接于 PIN5

5.磁芯胶带两层

2．1．SCHEMATIC：



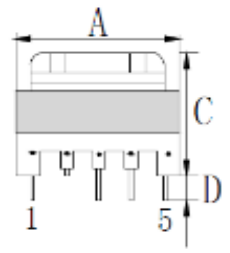
PRI　　SEC



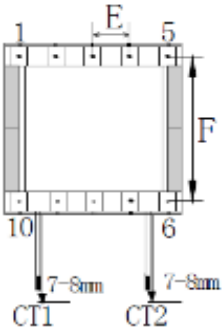
7.0 Illustrations

Illustration 8.4 - Specification of transformer model Hanny14G20 EF20

1.安装尺寸及外形图(CONFIGRATION & DIMENSIONS)



No.	SPEC
A	22.5 MAX
B	22.5 MAX
C	18.0 MAX
D	2.8~3.5
E	3.8±0.3
F	15±0.5
Φ	0.8±0.1



备注: 1.PIN6,8,9,10NO; PIN2 CUT OFF2/3

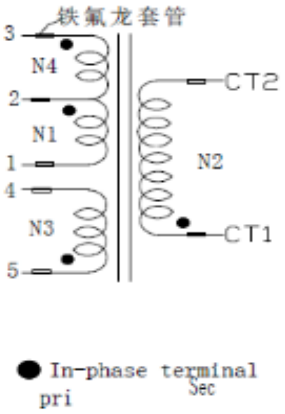
2.磁芯外包胶带3TS

3. 绕完所有绕组拔出PIN7

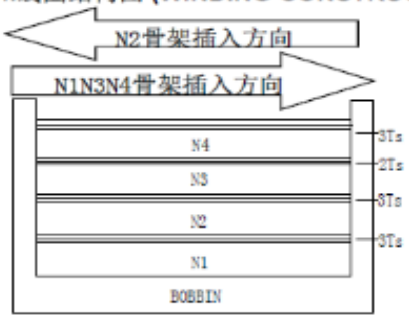
4. 产品标签: Hanny14G20 EF20 GP

5. CT1从PIN9-10脚间槽口引出，CT2从PIN6-7脚间槽口引出，套管从槽口外量最长1.2mm，引出长度为7-8mm，浸锡长度5-8mm

3. 原理图 (SCHEMATIC)



4.线圈结构图 (WINDING CONSTRUCTION)



5. 绕线顺序(WINDING ORDER)

工序 NO	进出端 Terminal	线材规格 Wire	圈数 Turus	胶带圈数 Tape turns	绕线要求 Winding Condition
N1	2--1	QA/155Φ0.30mm(N)×1P	70TS	3TS	密绕
N2	CT2--CT1	TIW-B*:Φ0.45mm×2P	17TS	3TS	密绕
N3	5--4	QA/155Φ0.15mm(N)×3P	20TS	2TS	密绕
N4	3--2	QA/155Φ0.30mm(N)×1P	50TS	3TS	密绕

备注：CT1从PIN9-10脚间槽口引出，CT2从PIN6-7脚间槽口引出，套管从槽口外量最长1.2mm，引出长度为7-8mm，浸锡长度5-8mm

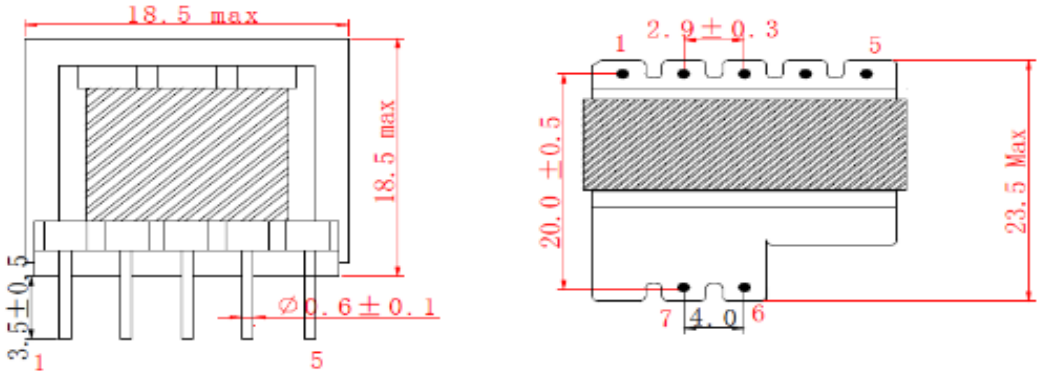
6. 电气参数(ELECTRIC CHARACTERICS)

NO	测试项目 Test Item	测量端 Terminal	测量值 Specification	测试条件 Test condition	标准测试仪器 Test Instrument
1	电感值 Inductance	PIN(3-1)	1.6mH ±10%	1KHz 0.25V 25℃	VR185
2	漏感值 Leakage Inductance	PIN(3-1)	100uH MAX	1.0KHz 0.25V	CH-3201B
3	耐电压强度 Hi-pot Test	Pri-sec	1.5kV/AC	5mA/60S	CS2670A
		Pri-core	1.5kV/AC	5mA/60S	CS2670A
		sec-core	1.5kV/AC	5mA/60S	CS2670A

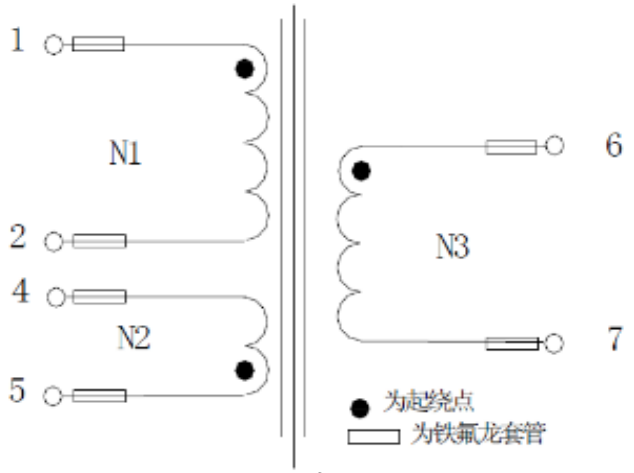
7.0 Illustrations

Illustration 8.5 - Specification of transformer model EE16-10-1.1mH

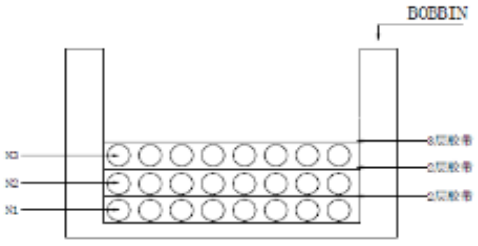
一. 外形图及尺寸（单位：mm ）



二. 原理图



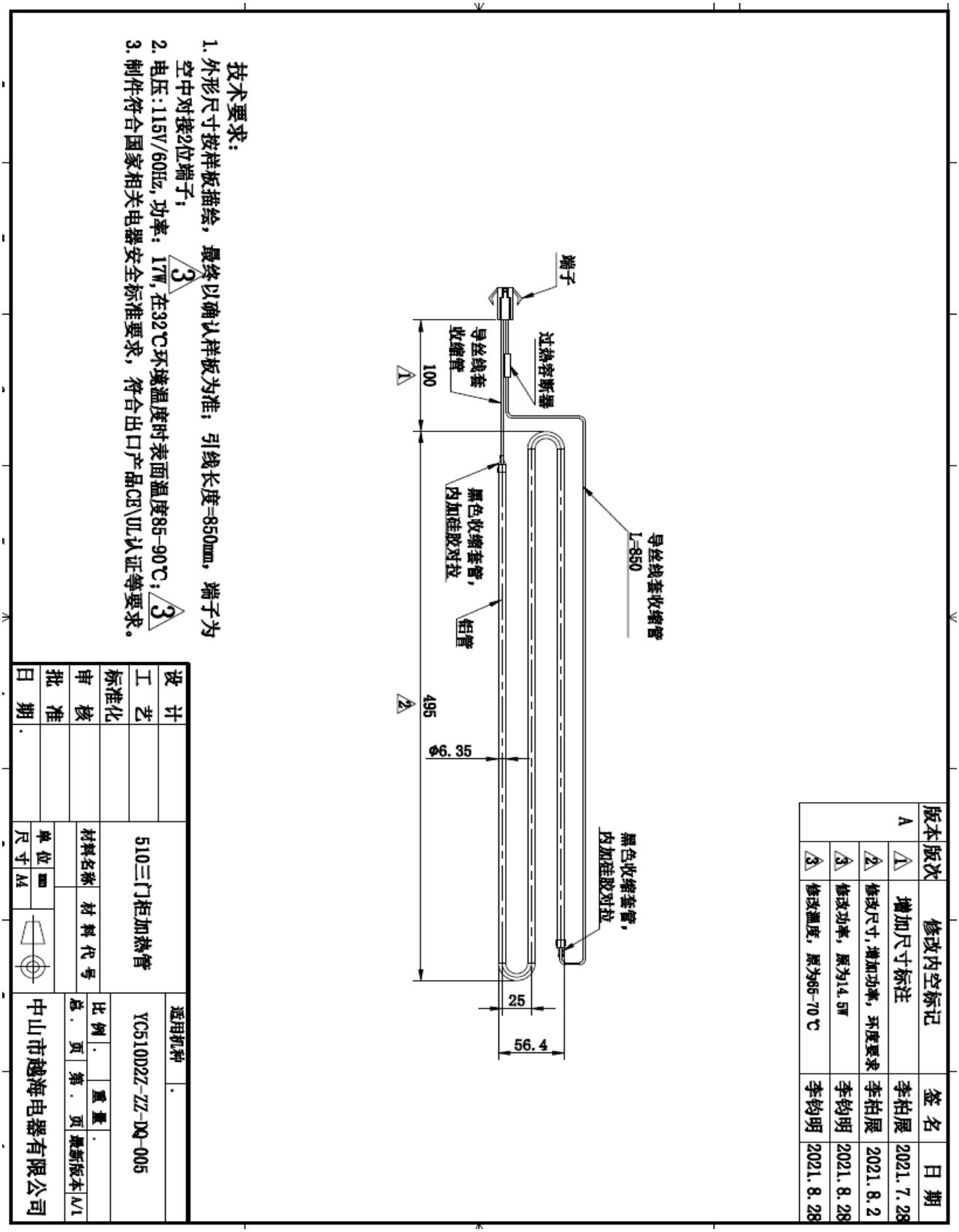
三. 绕组结构及绕线顺序



绕组	起头—收尾	漆包线规格	圈数	绝缘胶带	绕制工艺	备注
N1	①---②	2UEW Φ0.20mm*1C	76Ts	9.5mm*3Ts	密绕两层	
N2	⑤---④	2UEW Φ0.17mm*3C	12Ts	9.0mm*3Ts	居中密绕	
N3	⑥---⑦	YH-B Φ0.55mm*1C	10Ts	9.0mm*3Ts	密绕三层	
N4	1---core	Pin1 留 10-12mm 长的引线镀锡后接磁芯，靠 1-2 脚底部。				

7.0 Illustrations

Illustration 9.1 - Specification of door frame heater



8.0 Test Summary					
Evaluation Period	Nov 25, 2019 to Jun 9, 2020			Project No.	191125198GZU
Sample Rec. Date	22-Nov-2019	Condition	Prototype	Sample ID.	S191125198-001, S191030028-001~003
Test Location	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, China				
Test Procedure	Testing Lab				

Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.

The following tests were performed:

Test Description	UL 60335-1:2016 Ed.6 UL 60335-2-24:2017 Ed.2+R:22May2019 CSA C22.2#60335-1:2016 Ed.2 CSA C22.2#60335-2-24:2017 Ed.2+U1 / Clause	UL 1310, 6th Edition, Rev. May 30, 2014 / Clause	CSA C22.2 No. 223-15 / Clause
Marking and instructions - Marking legible and durable test	7.14	--	--
Protection against access to live parts	8	--	--
Power input and current	10	--	--
Heating	11	--	--
Leakage current and electric strength at operating temperature	13	--	--
Moisture resistance – Spillage test	15.2	--	--
Moisture resistance – Humidity test	15.3	--	--
Moisture resistance – Spillage of liquid from containers onto the inside walls	15.102	--	--
Moisture resistance – Poured liquid over top	15.103	--	--
Moisture resistance – Defrosting operating	15.105	--	--
Moisture resistance – Component Washing Test	15.106DV.1	--	--
Moisture resistance - Overflow test	15.107DV.1	--	--
Leakage current and electric strength	16	--	--
Abnormal operation – PTC heating elements over voltage test	19.6	--	--
Abnormal operation – Locking moving parts of motor test	19.7(1)	--	--
Abnormal operation – Fault conditions of electronic	19.11.1-19.11.2	--	--
Abnormal operation – Current fuse reliability test	19.12	--	--
Abnormal operation – Acceptance conditions after all abnormal operation tests	19.13	--	--
Abnormal operation – Contact point short circuited	19.14	--	--
Abnormal operation – Heating system continuously operate	19.101	--	--
Mechanical hazards test	20.2	--	--
Stability test for Refrigerator	20.101DV,20.101DV.1-20.101DV.2	--	--
Mechanical strength – Impact test	21.1	--	--

8.0 Test Summary			
Shelf impact and static load test	21.103DV.1	--	--
Construction – Plug discharge test	22.5	--	--
Pressure test for appliance using flammable refrigerants	22.7	--	--
Construction – Non-detachable parts push and pull test	22.11	--	--
Construction – Handles, knobs, grips and levels pull test	22.12	--	--
Refrigeration system leakage test on unprotected cooling systems	22.108	--	--
Accessible glass panels test	22.116	--	--
Internal wiring – Insulation test	23.5	--	--
Components – Capacitor voltage test	24.5	--	--
Supply connection and external flexible cords – Pull and torque test	25.15	--	--
Provision for earthing – Ground impedance test	27.5	--	--
Screws and connections – Screws torque test	28.1	--	--
Clearances distance	29.1	--	--
Creepage distance	29.2	--	--
Resistance to heat and fire – Ball pressure test	30.1	--	--
Resistance to heat and fire – Glow-wire Test Record	30.2.1-30.2.3	--	--
Nichrome Wire Test	Annex 101.DVD.6	--	--
Maximum Output Voltage Test	--	28	--
Output Current and Power Test	--	30	--
Dielectric Voltage Withstand Test	--	34	--
Abnormal Tests – Output Loading	--	39.2	--
Abnormal Tests – Component Breakdown	--	39.7	--
Open-Circuit Secondary Voltage	--	--	6.3.1
Maximum Output Current and Power	--	--	6.3.4
Dielectric Strength	--	--	6.5
Secondary Circuit Protection	--	--	6.7
Abnormal Tests – Component Breakdown	--	--	6.8

8.0 Test Summary					
Evaluation Period	Jul 15, 2020 to Sep 16, 2020			Project No.	200715089GZU
Sample Rec. Date	10-Jul-2020	Condition	Prototype	Sample ID.	S200715089-001 ~007
Test Location	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room 02, &101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2, Caipin Road, Science City, GETDD Guangzhou, China				
Test Procedure	Testing Lab				

Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.

Due to the previous testing performed above, only the following testing was performed:

Test Description	UL 60335-1:2016 Ed.6 UL 60335-2-24:2017 Ed.2+R:22May2019 CSA C22.2#60335-1:2016 Ed.2 CSA C22.2#60335-2-24:2017 Ed.2+U1 / Clause	UL 1310, 6th Edition, Rev. May 30, 2014 / Clause	CSA C22.2 No. 223-15 / Clause
Protection against access to live parts	8	--	--
Power input and current	10	--	--
Heating	11	--	--
Leakage current and electric strength at operating temperature	13	--	--
Moisture resistance – Humidity test	15.3	--	--
Leakage current and electric strength	16	--	--
Abnormal operation – Fault conditions of electronic circuits test	19.11.1-19.11.2	--	--
Abnormal operation – Current fuse reliability test	19.12	--	--
Abnormal operation – Acceptance conditions after all abnormal operation tests	19.13	--	--
Construction – Plug discharge test	22.5	--	--
Refrigeration system leakage test in areas outside the food storage compartments	22.109	--	--
Clearances distance	29.1	--	--
Creepage distance	29.2	--	--
Maximum Output Voltage Test	--	28	--
Output Current and Power Test	--	30	--
Dielectric Voltage Withstand Test	--	34	--
Abnormal Tests – Output Loading	--	39.2	--
Abnormal Tests – Component Breakdown	--	39.7	--
Open-Circuit Secondary Voltage	--	--	6.3.1
Maximum Output Current and Power	--	--	6.3.4
Dielectric Strength	--	--	6.5
Secondary Circuit Protection	--	--	6.7
Abnormal Tests – Component Breakdown	--	--	6.8

8.0 Test Summary					
Evaluation Period	Aug 19, 2020 to Oct 15, 2020			Project No.	200819057GZU
Sample Rec. Date	10-Jul-2020	Condition	Prototype	Sample ID.	S200715089-001 ~007
Test Location	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room 02, &101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2, Caipin Road, Science City, GETDD Guangzhou, China				
Test Procedure	Testing Lab				
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.					
Due to the previous testing performed under Intertek Report 160901067GZU-001 and above, only the following testing was performed:					

Test Description	UL 60335-1:2016 Ed.6 UL 60335-2-24:2017 Ed.2+R:22May2019 CSA C22.2#60335-1:2016 Ed.2 CSA C22.2#60335-2-24:2017 Ed.2+U1 / Clause	--	--
Protection against access to live parts	8	--	--
Power input and current	10	--	--
Heating	11	--	--
Leakage current and electric strength at operating temperature	13	--	--
Moisture resistance – Humidity test	15.3	--	--
Moisture resistance – Spillage of liquid from containers onto the inside walls	15.102	--	--
Moisture resistance – Poured liquid over top	15.103	--	--
Moisture resistance – Component Washing Test	15.106DV.1	--	--
Moisture resistance - Overflow test	15.107DV.1	--	--
Leakage current and electric strength	16	--	--
Abnormal operation – Locking moving parts of motor test	19.7	--	--
Abnormal operation – Fault conditions of electronic circuits test	19.11.1-19.11.2	--	--
Abnormal operation – Acceptance conditions after all abnormal operation tests	19.13	--	--
Mechanical hazards test	20.2	--	--
Stability test for Refrigerator	20.101DV,20.101DV.1-20.101DV.2	--	--
Mechanical strength – Impact test	21.1	--	--
Shelf impact and static load test	21.103DV.1	--	--
Component restraint test	21.104DV.1	--	--
Construction – Plug discharge test	22.5	--	--
Pressure test for appliance using flammable refrigerants	22.7	--	--
Refrigeration system leakage test in areas outside the food storage compartments	22.109	--	--
Door Latch release test	22.112DV.1	--	--
Components – Capacitor voltage test	24.5	--	--
Supply connection and external flexible cords – Pull and torque test	25.15	--	--

8.0 Test Summary			
Provision for earthing – Ground impedance test	27.5	--	--
Screws and connections – Screws torque test	28.1	--	--
Clearances distance	29.1	--	--
Creepage distance	29.2	--	--
Solid instruction	29.3	--	--
Door hinge strength test	Annex 101.DVC.1	--	--
Nichrome Wire Test	Annex 101.DVD.6	--	--

Evaluation Period	May 26, 2021 to Jun. 24, 2021			Project No.	210526021GZU
Sample Rec. Date	26-May-2021	Condition	Prototype	Sample ID.	S210526021-001
Test Location	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, China				
Test Procedure	Testing Lab				

Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.

The following tests were performed:

Test Description	UL 60335-1:2016 Ed.6, UL 60335-2-24:2017 Ed.2+R:27Feb2020 and CSA C22.2#60335-1:2016 Ed.2, CSA C22.2#60335-2-24:2017 Ed.2+U1;U2 / Clause	--	--
Power input and current	10	--	--
Heating	11	--	--
Leakage current and electric strength at operating temperature	13	--	--
Leakage current and electric strength	16	--	--
Abnormal operation – Locking moving parts of motor test	19.7(1)	--	--
Abnormal operation – Acceptance conditions after all abnormal operation tests	19.13	--	--
Stability test for Refrigerator	20.101DV,20.101DV.1-20.101DV.2	--	--
Shelf impact and static load test	21.103DV.1	--	--
Component restraint test	21.104DV.1	--	--
Construction – Plug discharge test	22.5	--	--
Refrigeration system leakage test in areas outside the food storage compartments	22.109	--	--
Components – Capacitor voltage test	24.5	--	--
Door hinge strength test	Annex 101.DVC.1	--	--

8.0 Test Summary					
Evaluation Period	Aug 4, 2021 to Oct 21, 2021			Project No.	210804177GZU
Sample Rec. Date	30-Jul-2021	Condition	Prototype	Sample ID.	S210804177-001~004
Test Location	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room 02, &101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2, Caipin Road, Science City, GETDD Guangzhou, China				
Test Procedure	Testing Lab				

Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.

The following tests were performed:

Test Description	UL 60335-1:2016 Ed.6, UL 60335-2-24:2017 Ed.2+R:27Feb2020, CSA C22.2#60335-1:2016 Ed.2, CSA C22.2#60335-2-24:2017 Ed.2+U1;U2 / Clause	UL 1310:2018 Ed.7+R:16Aug2019 / Clause	CSA C22.2 No. 223-15, Dec. 2015 / Clause
Protection against access to live parts	8	--	--
Power input and current	10	--	--
Heating	11	--	--
Leakage current and electric strength at operating	13	--	--
Moisture resistance – Spillage test	15.2	--	--
Moisture resistance – Humidity test	15.3	--	--
Moisture resistance – Poured liquid over top	15.103	--	--
Moisture resistance – Component Washing Test	15.106DV.1	--	--
Moisture resistance - Overflow test	15.107DV.1		
Leakage current and electric strength	16	--	--
Abnormal operation – Locking moving parts of motor test	19.7	--	--
Abnormal operation – Fault conditions of electronic circuits test	19.11.1 & 19.11.2	--	--
Abnormal operation – Current fuse reliability test	19.12	--	--
Abnormal operation – Acceptance conditions after all abnormal operation tests	19.13	--	--
Mechanical hazards test	20.2	--	--
Stability test for Refrigerator	20.101DV,20.101DV.1-20.101DV.2	--	--
Mechanical strength – Impact test	21.1	--	--
Shelf impact and static load test	21.103DV.1	--	--
Component restraint test	21.104DV.1	--	--
Construction – Plug discharge test	22.5	--	--
Pressure test for appliance using flammable refrigerants	22.7	--	--
Refrigeration system leakage test in areas outside the food storage compartments	22.109	--	--
Provision for earthing – Ground impedance test	27.5	--	--
Screws and connections – Screws torque test	28.1	--	--
Clearances distance	29.1	--	--
Creepage distance	29.2	--	--
Nichrome Wire Test	Annex 101.DVD.6	--	--
Maximum Output Voltage Test	--	28	--
Output Current and Power Test	--	30	--
Dielectric Voltage Withstand Test	--	34	--

8.0 Test Summary			
Abnormal Tests – Output Loading	--	39.2	--
Abnormal Tests – Component Breakdown	--	39.7	--
Open-Circuit Secondary Voltage	--	--	6.3.1
Maximum Output Current and Power	--	--	6.3.4
Dielectric Strength	--	--	6.5
Secondary Circuit Protection	--	--	6.7
Abnormal Tests – Component Breakdown	--	--	6.8

Evaluation Period	Oct 28, 2021 to Dec 1, 2021			Project No.	211028100GZU
Sample Rec. Date	25-Oct-2021	Condition	Prototype	Sample ID.	S211028100-001
Test Location	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room 02, &101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2, Caipin Road, Science City, GETDD Guangzhou, China				
Test Procedure	Testing Lab				

Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.

The following tests were performed:

Test Description	UL 60335-1:2016 Ed.6, UL 60335-2-24:2017 Ed.2+R:27Feb2020, CSA C22.2#60335-1:2016 Ed.2, CSA C22.2#60335-2-24:2017 Ed.2+U1;U2 / Clause	--	--
Power input and current	10	--	--
Heating	11	--	--
Leakage current and electric strength at operating	13	--	--
Abnormal operation – Heating system continuously operate	19.101	--	--
Abnormal operation – Acceptance conditions after all abnormal operation tests	19.13	--	--
Provision for earthing – Ground impedance test	27.5	--	--

8.0 Test Summary					
Evaluation Period	Nov. 4, 2022 to Feb. 22, 2023			Project No.	221104046GZU
Sample Rec. Date	4-Nov-2022	Condition	Prototype	Sample ID.	S221104046-001~009
Test Location	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room 02, &101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2, Caipin Road, Science City, GETDD Guangzhou, China				
Test Procedure	Testing Lab				

Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.

The following tests were performed:

Test Description	UL 60335-1:2016 Ed.6, UL 60335-2-24:2017 Ed.2+R:27Feb2020, CSA C22.2#60335-1:2016 Ed.2, CSA C22.2#60335-2-24:2017 Ed.2+U1;U2 / Clause	UL 1310:2018 Ed.7+R:16Aug2019 / Clause	CSA C22.2 No. 223-15, Dec. 2015 / Clause
Protection against access to live parts	8	--	--
Power input and current	10	--	--
Heating	11	--	--
Leakage current and electric strength at operating	13	--	--
Moisture resistance – Spillage test	15.2	--	--
Moisture resistance – Humidity test	15.3	--	--
Moisture resistance – Poured liquid over top	15.103	--	--
Moisture resistance - Overflow test	15.107DV.1		
Leakage current and electric strength	16	--	--
Abnormal operation – PTC heating elements over voltage test	19.6	--	--
Abnormal operation – Locking moving parts of motor test	19.7	--	--
Abnormal operation – Fault conditions of electronic circuits test	19.11.1 & 19.11.2	--	--
Abnormal operation – Current fuse reliability test	19.12	--	--
Abnormal operation – Acceptance conditions after all abnormal operation tests	19.13	--	--
Abnormal operation – Heating system continuously operate	19.101	--	--
Mechanical hazards test	20.2	--	--
Stability test for Refrigerator	20.101DV,20.101DV.1-20.101DV.2	--	--
Mechanical strength – Impact test	21.1	--	--
Shelf impact and static load test	21.103DV.1	--	--
Component restraint test	21.104DV.1	--	--
Construction – Plug discharge test	22.5	--	--
Pressure test for appliance using flammable refrigerants	22.7	--	--
Construction – Non-detachable parts push and pull test	22.11	--	--
Construction – Handles, knobs, grips and levels pull test	22.12	--	--
Refrigeration system leakage test in areas outside the food storage compartments	22.109	--	--
Provision for earthing – Ground impedance test	27.5	--	--

8.0 Test Summary			
Screws and connections – Screws torque test	28.1	--	--
Clearances distance	29.1	--	--
Creepage distance	29.2	--	--
Solid insulation	29.3	--	--
Nichrome Wire Test	Annex 101.DVD.6	--	--
Maximum Output Voltage Test	--	28	--
Output Current and Power Test	--	30	--
Dielectric Voltage Withstand Test	--	34	--
Abnormal Tests – Output Loading	--	39.2	--
Abnormal Tests – Component Breakdown	--	39.7	--
Open-Circuit Secondary Voltage	--	--	6.3.1
Maximum Output Current and Power	--	--	6.3.4
Dielectric Strength	--	--	6.5
Secondary Circuit Protection	--	--	6.7
Abnormal Tests – Component Breakdown	--	--	6.8

8.1 Signatures

A representative sample of the product covered by this report has been evaluated and found to comply with the applicable requirements of the standards indicated in Section 1.0.

Completed by:	Henry Liu	Reviewed by:	Lock Li
Title:	Engineer	Title:	Project Engineer
Signature:	Henry Liu	Signature:	Lock Li

9.0 Correlation Page For Multiple Listings

The following products, which are identical to those identified in this report except for model number and Listee name, are authorized to bear the ETL label under provisions of the Intertek Multiple Listing Program.

BASIC LISTEE	Zhongshan YEHOS Electrical Appliance Co., Ltd.
Address	No. 9, Yuan lin Rd, Nantou Town, Zhongshan Guangdong
Country	China (Mainland)
Product	Wine Cooler

MULTIPLE LISTEE 1	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 1 MODELS	BASIC LISTEE MODELS

9.0 Correlation Page For Multiple Listings

MULTIPLE LISTEE 2	CTM HOUSEHOLD APPLIANCES INC.
Address	11420 ALBERT HUDON MONTREAL QC H1G 3J6
Country	CANADA
Brand Name	Forno, Elisii
ASSOCIATED MANUFACTURER	Zhongshan YEHOS Electrical Appliance Co., Ltd.
Address	No. 9, Yuan lin Rd, Nantou Town, Zhongshan Guangdong
Country	China (Mainland)

MULTIPLE LISTEE 2 MODELS	BASIC LISTEE MODELS
FWCDR6628-24 followed by up to two letters.	YC-510D2Z
DWCDR6628-24 followed by up to two letters.	
EWCDR6628-24 followed by up to two letters.	
CWCDR6628-24 followed by up to two letters.	
SWCDR6628-24 followed by up to two letters.	
XWCDR6628-24 followed by up to two letters.	
YWCDR6628-24 followed by up to two letters.	
ZWCDR6628-24 followed by up to two letters.	
FWCDR6681-24 followed by up to two letters.	YC-150C
DWCDR6681-24 followed by up to two letters.	
EWCDR6681-24 followed by up to two letters.	
CWCDR6681-24 followed by up to two letters.	
SWCDR6681-24 followed by up to two letters.	
XWCDR6681-24 followed by up to two letters.	
YWCDR6681-24 followed by up to two letters.	
ZWCDR6681-24 followed by up to two letters.	
FWCDR6698-24 followed by up to two letters.	YC-408A
DWCDR6698-24 followed by up to two letters.	
EWCDR6698-24 followed by up to two letters.	
CWCDR6698-24 followed by up to two letters.	
SWCDR6698-24 followed by up to two letters.	
XWCDR6698-24 followed by up to two letters.	
YWCDR6698-24 followed by up to two letters.	
ZWCDR6698-24 followed by up to two letters.	
FWCDR6604-24 followed by up to two letters.	YC-510A
DWCDR6604-24 followed by up to two letters.	
EWCDR6604-24 followed by up to two letters.	
CWCDR6604-24 followed by up to two letters.	
SWCDR6604-24 followed by up to two letters.	
XWCDR6604-24 followed by up to two letters.	
YWCDR6604-24 followed by up to two letters.	
ZWCDR6604-24 followed by up to two letters.	
FWCDR6611-32 followed by up to two letters.	YC-760
DWCDR6611-32 followed by up to two letters.	
EWCDR6611-32 followed by up to two letters.	
CWCDR6611-32 followed by up to two letters.	
SWCDR6611-32 followed by up to two letters.	
XWCDR6611-32 followed by up to two letters.	
YWCDR6611-32 followed by up to two letters.	
ZWCDR6611-32 followed by up to two letters.	

9.0 Correlation Page For Multiple Listings

MULTIPLE LISTEE 3	Guangzhou Aobosi Appliances Co.,Ltd
Address	X1301-I109, No.106 Fengze East Road, Nansha District Guangzhou, Guangdong, 511458
Country	China
Brand Name	AAOBOSI, aobosi, BODEGA
ASSOCIATED MANUFACTURER	Zhongshan YEHOS Electrical Appliance Co., Ltd.
Address	No. 9, Yuan lin Rd, Nantou Town, Zhongshan Guangdong
Country	China (Mainland)

MULTIPLE LISTEE 3 MODELS	BASIC LISTEE MODELS
YC120-2D, YC120-BB	YC-120-2D
YC-408A	YC-408A
YC-510A	YC-510A
YC-100B	YC-100B
YC-150B	YC-150B

MULTIPLE LISTEE 4	FOSHAN ELECTRONIC FISH TRADING CO.,LTD
Address	The second of the third floor, Building 4, No. 30, Lixin South Road, Xingfu Community, Ronggui Town, Shunde District, Foshan City, Guangdong Province
Country	China (Mainland)
Brand Name	MACAIIROOS
ASSOCIATED MANUFACTURER	Zhongshan YEHOS Electrical Appliance Co., Ltd.
Address	No. 9, Yuan lin Rd, Nantou Town, Zhongshan Guangdong
Country	China (Mainland)

MULTIPLE LISTEE 4 MODELS	BASIC LISTEE MODELS
MC-JG120	YC-120-2D

MULTIPLE LISTEE 5	MG HOME SOLUTION LLC
Address	100 ILLINOIS STEET, SUITE 200, ST CHARLES, IL 60174
Country	USA
Brand Name	VITARA
ASSOCIATED MANUFACTURER	Zhongshan YEHOS Electrical Appliance Co., Ltd.
Address	No. 9, Yuan lin Rd, Nantou Town, Zhongshan Guangdong
Country	China (Mainland)

MULTIPLE LISTEE 5 MODELS	BASIC LISTEE MODELS
VBWC1541S	YC-408A
VBWC1541D	YC-408B
VBWC5101B	YC-510D2Z
VBWC1761S	YC-510A
VBWC1651D	YC-510B

9.0 Correlation Page For Multiple Listings

MULTIPLE LISTEE 6	ShenZhenShiKaiZeWangLuoXinXiYouXianGongSi
Address	GangZhiLongKeJiYuanShangWuZhongXinBDong2CengB203, LongHuaQuLongHuaJieDaoQingHuaSheQuQingLongLu6Hao, ShenZhen, GuangDong
Country	China
Brand Name	MUDEELA
ASSOCIATED MANUFACTURER	Zhongshan YEHOS Electrical Appliance Co., Ltd.
Address	No. 9, Yuan lin Rd, Nantou Town, Zhongshan Guangdong
Country	China (Mainland)

MULTIPLE LISTEE 6 MODELS	BASIC LISTEE MODELS
MDL120-2D, MDL120-BB	YC-120-2D
MDL150A	YC-150A
MDL150B	YC-150B
MDL150C	YC-150C
MDL150E	YC-150E
MDL150F	YC-150F
MDL510A	YC-510A
MDL510B	YC-510B
MDL510C	YC-510C
MDL408A	YC-408A
MDL408B	YC-408B
MDL408C	YC-408C
MDL298A	YC-298A
MDL298B	YC-298B
MDL760	YC-760
MDL100A	YC-100A
MDL100B	YC-100B

MULTIPLE LISTEE 7	SHENZHEN YUNYUAN SUPPLY CHAIN CO., LTD
Address	FLOOR 5,BUILDING 4,SHENZHEN SOFTWARE INDUSTRY BASE,NO.19, 17 AND 18, HAITIAN 1ST ROAD, BINHAI COMMUNITY, YUEHAI STREET, NANSHAN DISTRICT, SHENZHEN
Country	China
Brand Name	ROVRAk
ASSOCIATED MANUFACTURER	Zhongshan YEHOS Electrical Appliance Co., Ltd.
Address	No. 9, Yuan lin Rd, Nantou Town, Zhongshan Guangdong
Country	China (Mainland)

MULTIPLE LISTEE 7 MODELS	BASIC LISTEE MODELS
X-US-WF-18A	YC-60A
X-US-WF-32A	YC-100A
X-US-WF-75A	YC-120-2D
X-US-WF-154A	YC-408C

9.0 Correlation Page For Multiple Listings

MULTIPLE LISTEE 8	GIGACLOUD TECHNOLOGY(USA) INC.
Address	18961 Arenth Ave, City of Industry, CA 91748
Country	USA
Brand Name	NA
ASSOCIATED MANUFACTURER	Zhongshan YEHOS Electrical Appliance Co., Ltd.
Address	No. 9, Yuan lin Rd, Nantou Town, Zhongshan Guangdong
Country	China (Mainland)

MULTIPLE LISTEE 8 MODELS	BASIC LISTEE MODELS
ES286528AAA	YC-100C

9.0 Correlation Page For Multiple Listings

MULTIPLE LISTEE 9	TIM MEI TRADE & INVESTMSTMENT LIMITED
Address	UNTI C 4/F CHINA INSURANCE BLDG 48 CAMERON RD TST KL HONG KONG, 00000
Country	China
Brand Name	old canal
ASSOCIATED MANUFACTURER	Zhongshan YEHOS Electrical Appliance Co., Ltd.
Address	No. 9, Yuan lin Rd, Nantou Town, Zhongshan Guangdong
Country	China (Mainland)

MULTIPLE LISTEE 9 MODELS	BASIC LISTEE MODELS
VIN-60C	YC-60A
VIN-100A	YC-100A
VIN-100B	YC-100B
VIN-150C	YC-150A
VIN-150D	YC-150B
VIN-120-2D	YC-120-2D
VIN-408C	YC-408A
VIN-408D	YC-408B

10.0 General Information

The Applicant and Manufacturer have agreed to produce, test and label ETL Listed products in accordance with the requirements of this Report. The Manufacturer has also agreed to notify Intertek and to request authorization prior to using alternate parts, components or materials.

COMPONENTS

Components used shall be those itemized in this Intertek report covering the product, including any amendments and/or revisions.

LISTING MARK

The ETL Listing mark applied to the products shall either be separable in form, such as labels purchased from Intertek, or on a product nameplate or other media only as specifically authorized by Intertek. Use of the mark is subject to the control of Intertek.

The mark must include the following four items:

1) applicable country identifiers "US" and/or "C" or "US", "C" and "EU"
2) the word "Listed" or "Classified" or "Recognized Component" (whichever is appropriate)
3) a control number issued by Intertek
4) a product descriptor that identifies the standards used for certification. Example:

For US standards, the words, “Conforms to” shall appear with the standard number along with the word, “Standard” or “Std.” Example: “Conforms to ANSI/UL Std. XX.”

For Canadian standards, the words “Certified to CAN/CSA Standard CXX No. XX.” shall be used, or abbreviated, “Cert. to CAN/CSA Std. CXX No. XX.”

Can be used together when both standards are used.

If all standards on the ATM have the same standard title, the shared title or its abbreviation may be used in place of the examples above. Example: "Medical Electrical Equipment" or "MEE"; "Information Technology Equipment" or "ITE"; "Audio/Video Information And Communication Technology Equipment" or "A/V ICTE".

Note: A facsimile must be submitted to Intertek, Attn: Follow-up Services for approval prior to use. The facsimile need not have a control number. A control number will be issued **after signed Certification Agreements** have been received by the Follow-up Services office, approval of the facsimile of your proposed Listing Mark, satisfactory completion of the Listing Report, and scheduling of a factory assessment in your facility.

MANUFACTURING AND PRODUCTION TESTS

Manufacturing and Production Tests shall be performed as required in this Report.

FOLLOW-UP SERVICE

Periodic unannounced audits of the manufacturing facility (and any locations authorized to apply the mark) shall be scheduled by Intertek. An audit report shall be issued after each visit. Special attention will be given to the following:

1. Conformance of the manufactured product to the descriptions in this Report.
2. Conformance of the use of the ETL mark with the requirements of this Report and the Certification Agreement.
3. Manufacturing changes.
4. Performance of specified Manufacturing and Production Tests.

In the event that the Intertek representative identifies non-conformance(s) to any provision of this Report, the Applicant shall take one or more of the following actions:

1. Correct the non-conformance.
2. Remove the ETL Mark from non-conforming product.
3. Contact the issuing product safety evaluation center for instructions.

10.1 Evaluation of Unlisted Components

Because Unlisted Components are uncontrolled, and they do not fall under a third party follow up program, Intertek may require these components to be tested and/or evaluated at least once annually, more often for certain components, as part of the independent certification process. The Unlisted Components in Section 5.0 require testing and/or evaluation as indicated.

The Applicant will be notified, in writing, via the applicable contact methods, as defined in Section 1.0, when these components must be selected and sent to Component Evaluation Center (CEC) for re-evaluation.

Due to particular testing requirements, some components may be requested to be shipped to specific labs. Thus, specific shipment destination(s) for each sample will be provided in the written notification.

Managing CEC Location:
Intertek Testing Services Shenzhen Limited Guangzhou Branch
ETL Component Evaluation Center
Room 02, &101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2, Caipin Road, Science City
GETDD Guangzhou, Guangdong, China
Attn: Ms. Joey Kuang
Sample Disposition: Due to the destructive nature of the testing, all samples will be discarded at the conclusion of testing unless, the manufacturer specifically requests the return of the samples. The request for return must accompany the initial component shipment.

11.0 Manufacturing and Production Tests

The manufacturer agrees to conduct the following Manufacturing and Production Tests as specified:

Required Tests

Electric Strength Test
Earth Continuity Test
Functional Test
Refrigerant leakage test

11.1 Electric Strength Test

Method

One hundred percent of production of the products covered by this Report shall be subjected to a routine production line dielectric withstand test.

The test shall be conducted on products, which are fully assembled. Prior to applying the test potential, all switches, contactors, relays, etc., should be closed so that all primary circuits are energized by the test potential. If all primary circuits cannot be tested at one time, then separate applications of the test potential shall be made.

The test voltage specified below shall be applied between primary circuits and accessible dead-metal parts. The test voltage may be gradually increased to the specified value but must be maintained at the specified value for one second or one minute as required.

Test Equipment

The test equipment shall incorporate a transformer with an essentially sinusoidal output, a means to indicate the applied test potential, and an audible and/or visual indicator of dielectric breakdown.
The test equipment shall incorporate a voltmeter in the output circuit to indicate directly the applied test potential if the rated output of the test equipment is less than 500VA.
If the rated output of the test equipment is 500VA or more, the applied test potential may be indicated by either:
1 - a voltmeter in the primary circuit;
2 - a selector switch marked to indicate the test potential; or
3 - a marking in a readily visible location to indicate the test potential for test equipment having a single test potential output.
In cases 2 and 3, the test equipment shall include a lamp or other visual means to indicate that the test potential is present at the test equipment output. All test equipment shall be maintained in current calibration.

Products Requiring Electric Strength Test:

Product	Test Voltage	Test Time
From live parts to basic insulation of product	800 Vac	1 s
	and	
From live parts to double or reinforced insulation of product	2000 Vac	1 s
Product - One sample from each shipment of Section 4.0 item 35, 51, 77, 93 and 105:	**Test Voltage**	**Test Time**
Between prim. and accessible dead metal part,	1000V AC	60 s
Between prim. and sec. output, and	or	
Between prim. and core	1200V AC	1 s

11.2 Earth Continuity Test

Method

Each product listed below shall be subjected to a test to determine that there is continuity between accessible dead-metal parts of the product and the grounding pin or blade of the attachment plug. A current of at least 10 A, derived from a source having a no-load voltage not exceeding 12 V (a.c. or d.c.), is passed between each of the ACCESSIBLE EARTHED METAL PARTS.

The voltage drop is measured and the resistance is calculated and shall not exceed 0,2 Ω , or 0,1 Ω plus the resistance of thesupply cord. A visual or audible device (ohmmeter, buzzer, etc.) may be used to indicate grounding continuity.

Products Requiring Earth Continuity Test:

All products covered by this Report.

11.3 Functional Test

Method

The correct functioning of an appliance is checked by inspection or by an appropriate test if the incorrect connection or adjustment of components has safety implications.

Products Requiring Functional Test:

All products covered by this Report.

11.4 Refrigerant leakage test

Method

Each refrigerator that employs a FLAMMABLE REFRIGERANT shall be tested and proved tight at not less than the isaturation pressure of the refrigerant at the following temperaturesi:
a) i20 °C (i68 °F) for low sides; and
b) i70 °C (i158 °F) for high sides.
A method other than the pressure testing at the above pressures may be employed if it can be demonstrated that the alternate test method produces results that are at least equivalent to the pressure test method.
If the final assembly is completed with telescoped tubing joints that are sealed with silver solder, brazing, or the equivalent, the pressure test of the complete system may be at the low-side test pressure provided that the high-side parts are individually tested by the refrigerator manufacturer or by the manufacturer of the part at not less than the highside test pressure.

Products Requiring Refrigerant leakage test:

All products covered by this Report.

12.0 Revision Summary				
The following changes are in compliance with the declaration of Section 8.1:				
Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
28-Jul-2020	Hill Liang Lock Li / Sunny Zhou	2	-	Added a new brand name "Colzer". Added new models " CZW36SS2, CZB36SS1, CZW154SS1" and updated model similarity and ratings for them.
200710018GZU		9	1	Added ML company "Wenzhou City LeKa E-Commerce Co., Ltd." and models "MG75, GRAMG75US" with brand name "MOOSOO".
16-Sep-2020	Lock Li / Sunny Zhou	3	34, 35	Added these new photos.
200715089GZU		4	20	Corrected the manufacturer of condenser fan from "XINRUILIAN SCIENCE & TECHNOLOGY (SHENZHEN) CO LTD" to "SHEN ZHEN JINHUIPU TECHNOLOGY CO LTD". Corrected the model of this item from "RAL1225B2" to "HSP12025MS". Corrected the technical data of this item from "Rated 100-125 VAC 50/60 Hz 0.09A, Class B" to "Rated 12 VDC, 0.25 A".
			25	Added alternative compressor capacitor as below: Manufacturer: ANHUI TONG FENG ELECTRONICS CO LTD Model: CBB65 and Manufacturer: NINGGUO YUHUA ELECTRICAL PRODUCTS CO LTD Model: CBB65
			48-61	Added these new items.
		7	4.4	Added a new illustration to show the schematic circuit diagram of switching power supply model YH-3C
			8.1	Added a new illustration.
		8.0, 8.1	--	New test block added, Re-signed.
15-Oct-2020	Lock Li / Sunny Zhou	2	--	Added a new model "YC-760". Updated the model similarity and rating due to added new model.
200819057GZU		3	30, 31	Added "YC-760" to the title of these photos.
			36-44	Added these new photos of new model "YC-760".
		4	2	Added photo number "36" to this item.
			4	Added "except model YC-760" to the technical data.
			15a	Added a new item.
			16	Added photo number "39" to this item.
			18	Added "Used for all models except YC-760" to the technical data of capillary tube with 1800 mm length. Added a new type Capillary Tube technical data "Outside diameter 1.8 mm, thickness 1.0 mm, Length: 1900 mm. Used for model YC-760.".
			20	Added photo number "43" to this item. Added "YC-760" to the technical data.
			21	Added photo number "26, 43" to this item. Added alternative compressor model "ETB90U6".

12.0 Revision Summary

The following changes are in compliance with the declaration of Section 8.1:

Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
			22	Added photo number "41" to this item. Added a new type Condenser technical data "Painted steel tube, thickness 0.7 mm refer illustration 5.3 for details. Used for model YC-760".
			25	Added photo number "43" to this item. Added "ETB90U6" to the technical data.
			62-67	Added these new items.
		6	7	Added illustration No. 3.4 to this item.
			8	Added illustration No. 1.3 to this item.
		7	1.3	Added a new marking.
			3.4	Added a new illustration to show the wiring diagram of model YC-760.
			5.3	Added a new illustration to show the specification of condenser of model YC-760.
			6.4	Added a new illustration to show the specification of evaporator of model YC-760.
		8.0, 8.1	--	New test block added, Re-signed.
2-Nov-2020 201023047GZU	Lock Li / Sunny Zhou	9	2	Added ML "CTM HOUSEHOLD APPLIANCES INC." with brand name "Forno, Elisii", ML models refer to ML2 in section 9.0.
29-Dec-2020 201215007GZU	Yuxuan Huang John Li / Candy Wei	3	45-48	Added photos for transformers
		6	8	Revised description of the Markings form "trade name, trade mark" to "brand name".
			11	Added item 11 for transformer
		7	8.2	Added a new Illustration for Specification of Transformer
		9	3	Added ML "Guangzhou Aobosi Appliances Co.,Ltd" with brand name "AAOBOSI, aobosi, BODEGA", ML models refer to ML3 in section 9.0.
		11	11.1	Added Products Requiring Electric Strength Test for transformers
14-May-2021 210429028GZU	Sylvia Xu John Li / Sunny Zhou	9	4	Added ML "FOSHAN ELECTRONIC FISH TRADING CO.,LTD" and model "MC-JG120" with brand name "MACAIIROOS".

12.0 Revision Summary				
The following changes are in compliance with the declaration of Section 8.1:				
Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
24-Jun-2021	Kelvin Guan/ Becky Fan	1	--	Updated the UL standard from "Safety Requirements for Household and Similar Electrical Appliances - Part 2: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers [UL 60335-2-24:2017 Ed.2+R:22May2019]" to "Safety Requirements for Household and Similar Electrical Appliances - Part 2: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers [UL 60335-2-24:2017 Ed.2+R:27Feb2020]", CSA standard from "Household and Similar Electrical Appliances – Safety – Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-cream Appliances and Ice-makers [CSA C22.2#60335-2-24:2017 Ed.2+U1]" to "Household and Similar Electrical Appliances – Safety – Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-cream Appliances and Ice-makers [CSA C22.2#60335-2-24:2017 Ed.2+U1;U2]".
210526021GZU		2	--	Added new models "YC-100A, YC-100B" and updated "Model Similarity" and "Ratings".
		4	21	Added alternative compressor, model EMYS45CLP.
			25	Added compressor capacitor, model MKP.
			33	Added "85°C" into "Technical data and securement means".
			49	Corrected the parameter from "16A, 250VAC, minimum 70°C." to "16A, 250VAC, 85°C".
		7	1.2	Updated the caution marking and added note "Triangle warning marking height at least 15 mm."
			2.1	Updated all the caution making and rewrote the note.
		8.0, 8.1	--	New test block added, re-signed.
		11	--	Changed the "Required Tests" from "Pressure Tests For Leakage and Strength " to "Refrigerant leakage test".
			11.4	Rewrote the content for Refrigerant leakage test.
22-Oct-2021	Lock Li / Sunny Zhou	2	--	Added new models "YC-100C, YC-60, YC-60A, YC-32, YC-32A" and updated "Model Similarity" and "Ratings".
210804177GZU		3	49-60	Added these new photos.
		4	11	Added photo "54" to this item.
			15	Added photo "56" to this item. Added alternative evaporator "Made by aluminium tube, outside diameter 8 mm, thickness 0.75 mm, refer illustration 6.5 for details size. Used for model YC-100A".
			16	Added photo "56" to this item.
			20	Added photo "53" to this item. Added "YC-100A" to the technical data.
			21	Added photo "53" to this item. Added two alternative compressor models "FZ59E1G-U" and "FZ35Y1M-U".
			22	Added photo "51" to this item. Added alternative condenser "Bundy tube, outside diameter 4.76 mm, thickness 0.765 mm, refer illustration 5.4 for details. Used for model YC-100A".
			23	Added photo "51" to this item.
			68-78	Added these new items.
		6	7	Added illustrations "3.5, 4.5" to this item.
			11	Added item 77 and illustration 8.3 to this item.

12.0 Revision Summary

The following changes are in compliance with the declaration of Section 8.1:

Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
		7	3.5, 4.5, 5.4, 6.5, 8.3	Added these new illustrations.
		8.0, 8.1	--	New test block added, Re-signed.
		9	5	Added ML "MG HOME SOLUTION LLC" with brand name "VITARA", ML models refer to ML5 in section 9.0.
			6	Added ML "ShenZhenShiKaiZeWangLuoXinXiYouXianGongSi" with brand name "MUDEELA", ML models refer to ML6 in section 9.0.
		11	11.1	Added item 77 to the test product.
1-Dec-2021 211028100GZU	Lock Li / Sunny Zhou	2	--	Updated the rating of models YC-510D2Z, YC-510D2C, YC-510BB from "115V, 60Hz, 1.6A" to "115V, 60Hz, 2.0A".
		3	8a, 8b, 11a, 11b, 11c, 61	Added these new photos.
		4	25	Modified the technical data from "70°C" to "minimum 70°C".
			42	Added alternative relay for heater model "G5Q-1".
			79-79e	Added these new items.
		7	1.1	Replaced the marking of model YC-510D2Z with new marking.
			3.1	Replaced this illustration with new wiring diagram.
			9.1	Added a new illustration.
		8.0, 8.1	--	New test block added, Re-signed.
		9	7	Added ML "SHENZHEN YUNYUAN SUPPLY CHAIN CO., LTD" with brand name "ROVRAk", ML models refer to ML7 in section 9.0.
24-Feb-2022 202202023SVN	Ebel Chen Win Qiu	9.0	1	Deleted ML1 Wenzhou City LeKa E-Commerce Co., Ltd. Model No.MG75, GRAMG75US, with brand name MOOSOO.
21-Apr-2022 220322031GZU	Henry Liu, Brown Xiong / Kelvin Guan	4	35	Added content "Refer to illustration No. 8.2 for details. Class A." on the technical data.
			51	Added content "Class A." on the technical data.
		9	8	Added new ML "GIGACLOUD TECHNOLOGY(USA) INC." and model "ES286528AAA" without brand name.
22-Jul-2022 220713040GZU	Lock Li / Kelvin Guan	4	16	Added alternative evaporator fan model "HSP12025MS".

12.0 Revision Summary				
The following changes are in compliance with the declaration of Section 8.1:				
Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
21-Oct-2022	Tom Liu, Brown Xiong / Kelvin Guan	7	1.1	Revised the wiring diagram for model YC-510A.
220915160GZU		9	9	Added ML "TIM MEI TRADE & INVESTMSTMENT LIMITED" with brand name "old canal", ML models refer to ML9 in section 9.0.
22-Feb-2023	Henry Liu / Lock Li	2	-	Added new models "YC-18, YH-12, YH-18, YH-24, YH-32A" and updated the model similarity and ratings.
221104046GZU	Henry Liu Lock Li	3	49, 50	Modified the title from "External view of model YC-100A" to "External view of model YC-100A, also represent model YC-100B".
			51	Modified the title from "Bottom view of model YC-100A" to "Bottom view of model YC-100A, also represent model YC-100B".
			52, 53	Modified the title from "Internal view of model YC-100A" to "Internal view of model YC-100A, also represent model YC-100B".
			62 to 101	Added these new photos.
		4	4	Added "YC-18, YH-12, YH-18, YH-24" to the technical data.
			4a	Added a new item.
			7	Added "For all models except YC-18, YH-24, YH-18, YH-12." to the technical data.
			7a, 7b	Added these new items.
			14	Added "Used for model YC-510D2Z and YC-100B." to the technical data.
			15b	Added a new item.
			16	Added alternative evaporator fans, models "PY-8015M12S, PY-1225L12S, CHA12012BL-25C, CHA8012RM-15B, CHA9212SL-25B, RDH8015S"
			18	Added "YC-18, YH-12, YH-18, YH-24" to the technical data of capillary tube with 1800 mm length. Added a new type Capillary Tube with technical data "Outside diameter 1.8 mm, thickness 0.6 mm, Length: 1200 mm. Used for models YC-18, YH-12, YH-18, YH-24..".
			20	Added alternative condenser fan, models "PY-9225L12B, CHA12012BL-25C".
			21	Added "YC-100B" to the technical data for model FZ35Y1M-U. Added alternative compressor, models "FZ35S1L-U, MD058YA".
			22	Modified technical data from "Bundy tube, outside diameter 4.76 mm, thickness 0.765 mm, refer illustration 5.4 for details. Used for model YC-100A." to "Bundy tube, outside diameter 4.76 mm, thickness 0.765 mm for model YC-100A. Outside diameter 4.76mm, thickness 0.65 mm for model YC-18. Outside diameter 4.0mm, thickness 0.55 mm for model YH-24, YH-18, YH-12. Refer to illustration 5.4 to 5.8 for details." for bundy tube condenser.

12.0 Revision Summary

The following changes are in compliance with the declaration of Section 8.1:

Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
			23a, 80 to 106	Added these new items.
		6	7	Changed the illustration number from "3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 4.2 , 4.3, 4.4 and 4.5" to "3.1 to 3.8, 4.1 to 4.7".
			10	Changed the illustration number from "7.1~7.2" to "7.1~7.3".
			11	Changed the item number from "35, 51, 77" to "35, 51, 77, 93 and 105". Changed the illustration number from "8.1, 8.2 and 8.3" to "8.1 to 8.5".
		7	3.6 to 3.8, 4.6, 4.7, 5.5 to 5.8, 6.6, 6.7, 7.3, 8.4, 8.5	Added these new items.
		8	-	Added new test block and re-signed.
		11	11.1	Changed the item number from "35, 51 and 77" to "35, 51, 77, 93 and 105".