

1.0 Reference and Address			
Report Number	SH08120001-001	Original Issued: 31-Dec-2008	Revised: 15-Mar-2024
Standard(s)	Ice Makers [UL 563:2009 Ed.8+R:26May2021] Refrigeration Equipment (R2018)[CSA C22.2#120:2013 Ed.4]		
Applicant	Ningbo Hicon Industry Technology Co., Ltd.	Manufacturer 1	Ningbo Hicon Industry Technology Co., Ltd.
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2.0 Product Description

Product	Ice Maker
Brand name	HICON, Antarctic Star, AGLUCKY, R.W.FLAME, Kismile, Kndko, Joy Pebble, COWSAR, Free Village
Description	The products covered by this report are Ice Makers. Each of them is cord-connected type with a recognized mold-on grounding plug and intended to be connected to power supply of 115V, 60Hz.
Models	HZB-13F, HZB-13F/L, HZB-13F/S, HZB-13F/SL, HZB-13AF, HZB-15AF HZB-18F, HZB-18F/L, HZB-18F/S, HZB-18F/SL, HZB-20F, HZB-20F/S, HZB-20F/L, HZB-20F/SL, HZB-20AF, HZB-20AF/S, HZB-30F, HZB-36, HZB-36A, HZB-38F, HZB-45, HZB-45/S, HZB-45A, HZB-65, HZB-65/S, HZB-90F, HZB-120F, HZB-160F, HZB-190F, HZB-45M, HZB-45M/S

2.0 Product Description

Model Similarity	The models of HZB-13F series (containing HZB-13F, HZB-13F/L, HZB-13F/S, HZB-13F/SL), HZB-18F series (containing HZB-18F, HZB-18F/L, HZB-18F/S, HZB-18F/SL), HZB-20F series (containing HZB-20F, HZB-20F/S, HZB-20F/L, HZB-20F/SL) and HZB-20AF series (containing HZB-20AF, HZB-20AF/S) have 3 kinds of optional water supplying methods: (1) Adding potable water from upper side (Manual Mode); or (2) Being connected to water mains directly through a hose-set (Automatic Mode). (3) Being connected to water mains directly through a hose-set (with self-priming water pump). The models of HZB-18F series and HZB-20F series have same enclosure and construction with HZB-13F series respectively, except for assembling different compressor and refrigerant. Models HZB-20AF, HZB-20AF/S share the similar construction with models HZB-20F/L, HZB-20F/SL respectively, except that HZB-20AF, HZB-20AF/S have smaller appearance shape and size. The models with suffix "L" and those ones without "L" share same electrical and mechanical constructions except for non-safety-related control panels. Every models with "L" is fitted with a LCD display panel, while every models without "L" employs a LED display panel. The suffix "S" in models indicates external enclosures are made of stainless steel, while models without "S" employ plastic enclosure. The models HZB-45 and HZB-65 are similar with HZB-13F/S except for having bigger size, higher ice productivity, being able to assemble LED or LCD display panel and only being connected to water mains directly before use (Automatic Mode). Models HZB-65/S and HZB-45/S are respectively similar with models HZB-65 and HZB-45, except that models HZB-45/S and HZB-65/S have total stainless steel enclosure, while models HZB-45 and HZB-60 have plastic door and employing sheet metal enclosure with stainless steel or not. The extended model HZB-90F is similar with HZB-65, except with bigger unit size and adopting more quantity of ice cube tray on the evaporation side. Model HZB-13AF, HZB-15AF are extended from model HZB-13F, they share the similar construction, except the evaporator. HZB-15AF is same as HZB-13AF, but with higher ice productivity. Models HZB-45M and HZB-45M/S are extended from model HZB-45, they share the same appearance size and similar construction, except the evaporator and compressor. And model HZB-120F share the same unit size and similar construction with HZB-90F, except that HZB-120F has bigger size evaporator, one more condensor fan motor and bigger compressor, with higher ice-making capacity. Model HZB-160F is split type ice marker and share the similar construction with HZB-120F, except that HZB-160F has bigger size evaporator, six condenser fan motors and a bigger compressor, with higher ice-making capacity. The larger number showed in models, the higher ice-making capacity. And their enclosure sizes and adopted quantities of ice cube tray on the evaporation side are different. As for the models HZB-30F and HZB-38F, they have 3 kinds of optional water supplying methods: Manual Mode; Automatic Mode and Compatible (for both Manual and Automatic) Mode depending on whether assembling water inlet valve and being connected to water mains or not. These two models are enclosed by plastic on front side surface and employ metal enclosure on other surfaces which don't have to be stainless steel. Model HZB-45A share the similar construction with HZB-45, except it has a small unit size and condenser. Model HZB-190F share the same cabinet with HZB-160F, except bigger evaporator with more quantity of ice cube and bigger compressor. HZB-36A share the same construction and appearance with HZB-45A, except the evaporator. HZB-36 share the same construction and appearance with HZB-45, except the evaporator.
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2.0 Product Description

Ratings

115V~, 60Hz;

i) For models HZB-13F, HZB-13F/L, HZB-13F/S, HZB-13F/SL:

Ice-making current: 1.9A, Ice-harvest current: 2.4A, R134a: 3.14Oz / 89g;

ii) For models HZB-18F, HZB-18F/L, HZB-18F/S, HZB-18F/SL:

Ice-making current: 1.6A, Ice-harvest current: 2.6A, R600a: 1.13Oz / 32g; or

Ice-making current: 2.2A, Ice-harvest current: 2.5A, R290: 1.13Oz / 32g.

iii) For models HZB-30F, HZB-38F:

Ice-making current: 1.5A, Ice-harvest current: 2.3A, R600a: 1.8Oz / 51g; or

Ice-making current: 2.4A, Ice-harvest current: 2.8A, R290: 1.7Oz / 48g;

iv) For models HZB-45, HZB-45/S, HZB-45A:

Ice-making current: 3.5A, Ice-harvest current: 5.5A, R134a: 8.46Oz / 240g; or

Ice-making current: 2.2A, Ice-harvest current: 2.5A, R290: 3.35Oz / 95g (equipped with compressor FT55U6ML or HW58R11V with 7mm condenser coil); or

Ice-making current: 2.2A, Ice-harvest current: 2.5A, R290: 1.87Oz / 53g (equipped with compressor FT55U6ML or HW58R11V with 5mm condenser coil)

v) For models HZB-65, HZB-65/S:

Ice-making current: 6.5A, Ice-harvest current: 9.0A, R134a: 7.83Oz / 222g; or

Ice-making current: 2.7A, Ice-harvest current: 3.0A, R290: 3.17Oz / 90g (equipped with compressor NE6188BZ or FNH66U6 with 7mm condenser coil); or

Ice-making current: 2.7A, Ice-harvest current: 3.0A, R290: 1.76Oz / 50g (equipped with compressor NE6188BZ or FNH66U6 with 5mm condenser coil).

vi) For model HZB-90F:

Ice-making current: 4.4A, Ice-harvest current: 5.0A, R290: 3.67Oz / 104g.

vii) For model HZB-120F:

Equipped with ompressor SC12CNX.2: Ice-making current: 7.5A, Ice-harvest current: 7.8A, R290: 3.35Oz / 95g.

Equipped with compressor NPY12LR: Ice-making current: 6.2A, Ice-harvest current: 6.6A, R290: 3.35Oz / 95g.

viii) For model HZB-160F:

Ice-making current: 8.8A, Ice-harvest current: 9.5A, R290: 3.7Oz / 105g.

ix) For model HZB-190F:

Ice-making current: 9.7A, Ice-harvest current: 10.2A, R290: 3.88Oz / 110g.

x) For models HZB-20AF, HZB-20AF/S, HZB-20F, HZB-20F/S, HZB-20F/L, HZB-20F/SL:

Ice-making current: 2.2A, Ice-harvest current: 2.5A, R290: 1.13Oz / 32g.

xi) For model HZB-36, HZB-36A:

Ice-making current: 2.3A, Ice-harvest current: 2.6A, R290: 1.76Oz / 50g for HZB-36A, 1.96Oz / 56g for HZB-36. (equipped with compressor QD32R11 with 5mm condenser coil)

xii) For model HZB-13AF, HZB-15AF:

Ice-making current: 2.2A, Ice-harvest current: 2.4A, R290: 0.77Oz/22g.

xiii) For model HZB-45M, HZB-45M/S:

Ice-making current: 4.5A, Ice-harvest current: 4.7A, R290: 2.40Oz/68g.

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	1.01	Plug	Various	Various	NEMA 5-15P	cULus or cETLus
1.2	1.02	Power Cord	Various	SJT	3*18AWG, 300V, VW-1, 1.8-3m length	cULus or cETLus
1.3	1.03	Plastic Enclosure	NINGBO LG YONGXING CHEMICAL CO LTD	HI-121H	ABS, 2mm thickness, rated HB, RTI (60 60 60). For models HZB-13F, HZB-13F/L, HZB-18F and HZB-18FL	cURus
			LG CHEMICAL LTD	HI121	ABS, 2mm thickness, rated HB, RTI (95 95 95). For models HZB-13F, HZB-13F/L, HZB-18F and HZB-18FL	cURus
			BASF CO LTD	GP-22	ABS, 2mm thickness, rated HB, RTI (90 80 95). For models HZB-13F, HZB-13F/L, HZB-18F and HZB-18FL	cURus
			KUMHO PETROCHEMICAL	ABS-750	ABS, 2mm thickness, rated HB, RTI (70 70 70). For models HZB-13F, HZB-13F/L, HZB-18F and HZB-18FL	cURus
1.7, 1.29	1.04	Condenser Fan Motor	XINRUILIAN	RDH1225S	DC12V, 0.4A	cURus
			SHENZHEN HUAXIA HENGTAI ELECTRONIC CO LTD	YM1212PTS1	DC12V, 0.27A	cURus
			ZHONGSHAN HENGSHAN PLASTIC PRODUCTS CO LTD	FS120252H	DC12V, 0.3A	cURus
			YATE LOON ELECTRONICS CO LTD	D12SH-12	DC12V, 0.3A	cURus
			YOUNG LIN TECH CO LTD	DFS122512H	DC12V, 0.28A	cURus
			SHENZHEN POWERYEAR TECHNOLOGY CO LTD	PY-1225H12S	DC12V, 0.35A	cURus

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1.7	1.05	PVC Sleeving	DAE CHANG ELECCOM CO	DC-3	300V, 105°C, VW-1	cURus
				DC-6	600V, 105°C, VW-1	cURus
			CHANGYUAN ELECTRONICS	CB-300	300V, 105°C, VW-1	cURus
				CB-600	600V, 105°C, VW-1	cURus
			JIANGSU TAICANG LIXIN ELECTRIC PLASTICS CO LTD	CSGV-105	300V or 600V, 105°C, VW-1	cURus
			SHANGHAI RISHUN	RST-300	300V, 105°C, VW-1	cURus
				RST-600	600V, 105°C, VW-1	cURus
			SHENZHEN CHEMIDA ELECTRONIC CO LTD	CHEMIDA TUBE CMD-3	300V, 105°C, VW-1	cURus
				CHEMIDA TUBE CMD-6	600V, 105°C, VW-1	cURus
			LONGWELL CO	LIT-300	300V, 105°C, VW-1	cURus
				LIT-600	600V, 105°C, VW-1	cURus
			CHINA KINWA HIGH	VC-300	300V, 105°C, VW-1	cURus
				VC-600	600V, 105°C, VW-1	cURus
			WENZHOU HONGXIN	HXT-300	300V, 105°C, VW-1	cURus
				HXT-600	600V, 105°C, VW-1	cURus
			SUZHOU FUCHEN	FC-300	300V, 105°C, VW-1	cURus
				FC-600	600V, 105°C, VW-1	cURus
			SHIHUA PLASTICS PIPE	SHT-300	300V, 105°C, VW-1	cURus
				SHT-600	600V, 105°C, VW-1	cURus
			Various	Various	min 300V, min 105°C, VW-1	cURus
1.7, 1.27	1.06	PWB Box	LG CHEMICAL LTD	AF312B	ABS, 2.5mm thickness, rated 5VA, RTI(75 70 75)	cURus
				AF365F	ABS, 2.0mm thickness, rated 5VA, RTI(85 85 80)	cURus
			CHI MEI CORPORATION	PA-765	ABS, 2.5mm thickness, rated 5VA, RTI(80 80 80)	cURus
				PA-765A		
1.7	1.07	Internal Wiring	Various	1015/1007	22-18AWG, 300/600V, 105°C, bound well by cabel ties	cURus
1.8, 1.23, 1.30, 1.44	1.08	Compressor	HUAYI COMPRESSOR (JINGZHOU) CO LTD	B30H5	For models HZB-13F, HZB-13F/L, HZB-13F/S and HZB-13F/SL (HZB-13F series): 110-115V~, 60Hz, R134a	cURus
			HUAYI COMPRESSOR (JINGZHOU) CO LTD	B60C5BL	For models HZB-18F, HZB-18F/L, HZB-18F/S and HZB-18F/SL (HZB-18F series): 110-120V~, 60Hz, R600a	cURus
			NINGBO ANUODAN MACHINERY CO LTD (SA33342)	QD32R11	For models HZB-20AF, HZB-20AF/S, HZB-20F, HZB-20F/S, HZB-20F/L, HZB-20F/SL, HZB-13AF, HZB-15AF: 110-120V, 60Hz, R290.	cURus
1.9	1.09	Condenser Coil	NINGBO HICON	Various	Copper, outside diameter 7mm, thickness 0.31mm	NR

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1.9	1.10	Ice Melting Valve	ZHEJIANG SANHUA (MH29234)	FDF2A series	110V/115V/120V/110-120V, 50/60Hz	cURus
			ZHEJIANG ZHONGBAO (E254164)	FDF2A; FDF2A-02C	110V/115V/120V/110-120V, 50/60Hz	cURus
			CHANGZHOU CHANGHENG LUSI (MH30067)	DTF-1	110V/115V/120V/110-120V, 50/60Hz, only for USA	UL
				DTF-1-2A	110V/115V/120V/110-120V, 50/60Hz	cURus
				FDF-2A	110V/115V/120V/110-120V, 50/60Hz	cURus
			ANHUI TIANHAO (MH47312)	FDF-2A	110V, 50/60Hz	cURus
				FDF-4A		
			Changzhou Weigeer (MH64645)	FDF-2A12	110-120V, 50/60Hz	cURus
1.16	1.11	Water Pump	ZHEJIANG DUNAN(E253737)	FDF2A	110V, 50/60Hz	cURus
			DONGGUAN XINLINGLONG MOTOR & APPLIANCE MANUFACTURE R	XLL32ZWN12	DC 12V, 0.3A	NR
			ZHONGSHAN WEILIBAO MOTOR & ELECTRIC APPLIANCE CO LTD	DB-2B0-11210	DC 12V, 0.3A	NR
			NINGBO HICON	ZLWB-12	DC 12V, 0.3A	NR
			ZHONGSHAN HENGSHAN PLASTIC PRODUCTS CO LTD	FS60202M	DC 12V, 0.23A	NR

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1.17	1.13	Across-the-line Capacitor	JIMSON (E152288)	MKP	0.1μF or 0.22μF, min. 250V	cURus
			JENN SHEN (E184650)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			DAIN (E147776)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			ANHUI TONG FENG (E214748)	MKP	0.1μF or 0.22μF, min. 250V	cURus
			FU XIN PAN OCEAN (E352735)	MPX-X2	0.1μF or 0.22μF, min. 250V	UR
			Ultra Tech Xiphi Enterprise (E183780)	HQX	0.1μF or 0.22μF, min. 250V	cURus
			Carli Electronics (E120045)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			TENTA (E222911)	MEX	0.1μF or 0.22μF, min. 250V	cURus
			GUANGDONG FENGMING (E345487)	MKP-X2	0.1μF or 0.22μF, min. 250V	cURus
			Songtian Enterprise (E208107)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			SHENZHEN JING YU (E230035)	CBBX2	0.1μF or 0.22μF, min. 250V	cURus
			EUROPTRONIC (TAIWAN (E211347)	MPX2	0.1μF or 0.22μF, min. 250V	cURus
			ZHUHAI SUNG HO (E327138)	CMPP	0.1μF or 0.22μF, min. 250V	cURus
			KNSCHA ELECTRONICS (E477850)	MPX/MKP	0.1μF or 0.22μF, min. 250V	cURus
			XIAMEN FARATRONIC (E186600)	MKP62	0.1μF or 0.22μF, min. 250V	cURus
			GUANGZHOU YES (E355933)	MPX/MKP	0.1μF or 0.22μF, min. 250V	cURus
			JYH HSU (JEC) (E356696)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			HUIZHOU RONGDA (E362358)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			QI RONG (E492807)	MKP	0.1μF or 0.22μF, min. 250V	cURus
			DONGGUAN CHENG DONG (E495826)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			SINHUA ELECTRONICS (HUZHOU) (E237560)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			SHENZHEN SINCERITY (E319615)	MPX/MKP	0.1μF or 0.22μF, min. 250V	cURus

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			DONGGUAN JURCC (E343072)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			DONGGUAN YUANSHENG (E522434)	MPX/MKP	0.1μF or 0.22μF, min. 250V	cURus
			Dongguan QinHong (QNR) (E488626)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			Various	Various	0.1μF or 0.22μF, min. 250V	cURus
1.17	1.14	Varistor	CHENGDU TIEDA (E334320)	MYN12-331K	330V	cURus
			FENG HUA ADVANCE (E325462)	FNR10K331	330V	UL, CSA
			KESTAR ELECTRONIC (CHINA) (E328106)	MYG10-331	330V	UL, CSA
			DONGGUAN LITTELFUSE	VDR-10D331K MOV-10D331K	330V	UL, CSA
			EPCOS (ZHUHAI FTZ) CO LTD	(SIOV-) S10K320	320V	UL, CSA
			HONGZHI ENTERPRISES LTD	HEL-10D331	330V	UL, CSA
			XIAN XIWUER (E321175)	MYD-10K331	330V	cURus
			CAPATRONICS ELECTRONICS (KUNSHAN) CO LTD	CVR10N331K	330V	cURus
			NANJING JOCOL ELECTRONICS TECHNOLOGY CO LTD	10D331K	330V	cURus
			CERAMATE (E315429)	GNR 10D331K	330V	cURus
				GNR 14D331K		
				NFV 10D331K		
				NFV 14D331K		
			GUANGXI NEW FUTURE (E323753)	NFC10D331K	330V	cURus
			THINKING ELECTRONIC (E314979)	TVR10331	330V	cURus
			Centra Science Corp (E316325)	CNR-10D331K	330V	cURus
			DONGGUAN CITY JIANKUN (E489693)	10D331K	330V	cURus
			JYH HSU(JEC) (E486000)	10D331K	330V	cURus
			Zhejiang Huang yan Sailing (E329714)	MYG10K331	330V	cURus

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			HUIZHOU SONGLONGXIND IAN (E359158)	10D331K	330V	cURus
			GUANGZHOU YES (E491744)	V-331K-10D	330V	cURus
				V-331K-10DEH	330V	cURus
			GUANGDONG HUIWAN (E480104)	V-331K-10D	330V	cURus
				V331K-10DEH	330v	cURus
			DONG GUAN CHENG DONG (E515504)	CDSPC- 10D331K	330V	cURus
			XIAMEN SET (E322662)	SFV10D331K	330V	cURus
			SONGTIAN ENTERPRISE (E330837)	10D331K	330V	cURus
			GUANGDONG SOUTH HONGMING (E321851)	ZVR10D331	330V	cURus
			SHENZHEN CHUANG NA (E477910)	CVR-10D331K	330V	cURus
			LUZHOU SINCERITY (E529390)	MYD-10K331	330V	cURus
			SUZHOU XINHONGGAO (E533900)	HXR 10D331K	330V	cURus
			Dongguan Jiayi (E517636)	JNR 10D331K JNR 10D331KH	330V	cURus
			Fujian Qiaoguang (E507891)	FTR10D331K	330V	cURus
			YU FEI TE (E515299)	YFT 10D331K	330V	cURus
			Dongguan Qinhong (QNR) (E495834)	QNR-10D331K	330V	cURus
			Various	Various	330V	cURus

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1.17	1.15	Fuse (glass tube type)	HOLLYLAND CO LTD	50F/51S/51NM	250V, 3.15A, 5×20mm	cURus
			LITTELFUSE INC	618	250V, 3.15A, 5×20mm	cURus
			EVER ISLAND ELECTRIC CO LTD & WALTER ELECTRIC	2000	250V, 3.15A, 5×20mm	cURus
			SHANGHAI SONGSHAN ELECTRONICS CO LTD	218	250V, 3.15A, 5×20mm	cURus
			ZHONG SHAN LANBAO (E213695)	RFI-20	250V, 3.15A, 5×20mm	cURus
			XC ELECTRONICS (SHENZHEN) (E249609)	5T/5F/5H/5G/5TE	250V, 3.15A, 5×20mm	cURus
			SHENZHEN LANSON (E221465)	5K, 3K, 5M, 5N	250V, 3.15A, 5×20mm	cURus
			Various	Various	3.15A, 125/250V, 5×20mm	cURus
1.18 a	1.30	Fuse (micro type to be alternative)	HOLLYLAND CO LTD	5EF	3.15A, 250V, secured to PWB by soldering of pigtail leads	cURus
			SHANGHAI FULLNESS (E485357)	TSP	3.15A, 250V	cURus
			DONGGUAN BETTER (E300003)	932	3.15A, 250V	cURus
			DONGGUAN CHEVRON (E358589)	SET	3.15A, 250V	cURus
			SUZHOU WALTER (E56092)	2010	3.15A, 250V	cURus
			CONQUER (E82636)	MST	3.15A, 250V	cURus
			XC (SHENZHEN) (E249609)	5TE	3.15A, 250V	cURus
			HONG HU BLUELIGHT (E324232)	6ET	3.15A, 250V	cURus
			XIAMEN SET (E345932)	SPT478	3.15A, 250V	cURus
			SHENZHEN LANSON (E221465)	SMT/SPT	3.15A, 250V	cURus
			Various	Various	3.15A, 250V	cURus

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
1.17	1.16	Quick-connect Terminals (Not Shown)	JAPAN SOLDERLESS TERMINAL MFG CO LTD	SRSF-61-250A	AC 250V	cURus
			KOREA ELECTRIC TERMINAL CO LTD	ST730-135	AC 250V	cURus
			JIAN HUI METAL PLASTIC PART	J704-BS	AC 250V	cURus
				J707-BS		
			ZHEJIANG YUEQING CHANGDECHEN G ELECTRONIC CO LTD	HC621-6.3	AC 250V	cURus
			K S TERMINALS INC	FDFNYD2-250	AC 250V	cURus
			SHUN SHENG TERMINAL MFG LTD	751-BS	AC 250V	cURus
				751A-BS		
				752-BS		
				71155-BS		
				7615-BS		
				710-BS		
				712-BS		
			TYCO ELECTRONICS CORP	63232	AC 250V	cURus
				63313		
				250		
			ZHEJIANG NADELI ELECTRONICS CO LTD	NL6.3A-005	AC 250V	UR
			YUEQING JIADE ELECTRONICS CO LTD	FAF-250W	AC 250V	cURus
				FAF-250WS		
				FAF-250Z		
				FAF-250ZS		
			Various	Various	AC 250V	cURus

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
1.17	1.17	Relay	GOODSKY	RWH-SH-112DM	Min.5A, 120V/250V, 10E4, secured to PWB by soldering	cURus
			XIAMEN HONGFA (E134517)	JQC-3FF HF3FF	Min.5A, 125V/250V/277V, 10E4	cURus
			NINGBO SONGLE (E167996)	SRD-12VDC-SL-A	Min.10A, 125V, 10E4	cURus
			DONGGUAN SANYOU (E190598)	SRD-S-112DM series SRD-SH-112DM series	Min.5A, 125V or 250V, 10E4	cURus
			HSIN DA (E162117)	982-1A-12D	Min.10A, 125V or 5A, 250V, 10E4	cURus
			SONG CHUAN (E88991)	833H-1C-C	Min.10A, 125V, 10E4	cURus
			QUN LI (E151736)	JQC-3FB	Min.10A, 120V or 5A, 250V, 10E4	cURus
			NINGBO JINTIAN RELAY CO LTD	JQC-3FF HF3FF	Min.5A, 120V or 125V, 10E4	cURus
			NINGBO ZETTLER (E319069)	JQC-3FF HF3FF	Min.5A, 120V/125V/250V/277V, 10E4	cURus
			ZHEJIANG MEISHUO (E313266)	MPA-S-112-A	Min.5A, 125V/240V/250V, 10E4	cURus
			NINGBO TIANBO GANGLIAN (E173485)	HJR-3FF	Min.10A, 125V, 10E4	cURus
			WANGRONG ELECTRONICS (SHENZHEN) (E345228)	RD-112DM-A-S	Min 5A, 250/227V, 10E4.	cURus
			NINGBO HUILONGCANG (E215689)	973-12VDC-SL-A	Min 5A,125V/ 250V, 10E4.	cURus
			Shenzhen Golden Electrical (E321783)	GH-1A-12LSFT	Min.5A, 125V/250V/277V, 10E4	cURus

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
1.17	1.19	Main PWB	NAN YA PLASTICS CORP CCL DEPT ELECTRONIC MATERIAL DIV	CEM-3-86/92/95	1.5mm thickness, V-0, 130°C	URus
			YAT TAO CHEMICAL HOLDINGS (HK) LTD	KH-111F (FR-1)	1.5mm thickness, V-0, 130°C	URus
			SHANGHAI NANYA COPPER CLAD LAMINATES CO	SN-L1	1.5mm thickness, V-0, 130°C	URus
				SN-L2		
				SN-P1		
				SN-P2		
			CHANGZHOU SHUANGJIN	CCEM-1	1.5mm thickness, V-0, 130°C	URus
				CFR-1		
			ZHEJIANG WENZHOU TIANCHEN ELECTRONICS	TC-1	1.5mm thickness, V-0, 130°C	URus
			SHANDONG JINBAO (E141940)	ZD-90F	1.5mm thickness, V-0, 130°C	URus
				ZD-98F		
			Cixi Qingbao Electronic (E321750)	FR1	1.5mm thickness, V-0, 130°C	cURus
			CHANGZHOU KELONG (E248439)	JC-2	1.5mm thickness, V-0, 130°C	URus
			ZHEJIANG CORE POINT(E477843)	XT-02	1.5mm thickness, V-0, 130°C	cURus
			Jiangxi Fan Li Sheng (E471141)	YFL-D or FLS-D	1.5mm thickness, V-0, 130°C	cURus
			WENZHOU HUABANG (E251053)	H-01, H02	1.5mm thickness, V-0, 130°C	cURus
			Anhui Dongou (E473856)	SY-S, SYDZ520	1.5mm thickness, V-0, 130°C	cURus
			KINGBOARD (E123995)	KB series	1.5mm thickness, V-0, 130°C	cURus
			GUANGDE YINGFEITE (E466867)	YFT2	1.5mm thickness, V-0, 130°C	cURus
			ZHEJIANG YUNKAI (E466488)	YKPCB-2	1.5mm thickness, V-0, 130°C	cURus
			JIANGSU ZHONGSHUN (E512075)	ZS-SD	1.5mm thickness, V-0, 130°C	cURus
			HuBei GongMing Circuits(E365663)	GF212	1.5mm thickness, V-0, 130°C	cURus
			Guangde anbang (E500792)	AB-S	1.5mm thickness, V-0, 130°C	cURus

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
			SHANGHAI GLOBAL (E224772)	ILM-R1	Thickness: 1.5mm, V-0, 130°C	URus
			GOLDENMAX (ZHUHAI) (E330731)	ILM-R1	Thickness: 1.5mm, V-0, 130°C	URus
			GOLDENMAX (HANGZHOU) (E134893)	ILM-R1	Thickness: 1.5mm, V-0, 130°C	URus
			SHENZHEN STARIVER (E258603)	SR-01A	Thickness: 1.5mm, V-0, 130°C	URus
			Viafine PCB Ltd(E466925)	VF-D	Thickness: 1.5mm, V-0, 130°C	URus
			SHENZHEN TONGCHUANGXI N (E250336)	TCX TCX-2	Thickness: 1.5mm, V-0, 130°C	URus
			SHENZHEN ZHONG LUO (E255554)	ZL-02	Thickness: 1.5mm, V-0, 130°C	URus
			Jiangxi Dongxun Precision (E530605)	DX-D	Thickness: 1.5mm, V-0, 130°C	Urus
			Sui Ning Rui Jie Xing (E493761)	RJX-D	Thickness: 1.5mm, V-0, 130°C	Urus
			Various	Various	1.5mm thickness, V-0, 130°C	URus
1.6	1.20	Evaporator Module	NINGBO HICON	Various	Copper plate, Thickness: Min 0.8mm	NR
1.2	1.21	Marking Label (Not Shown)	KUNSHAN DAVID PRINTING & STATIONARY CO LTD	TL-400	60°C	URus
			HANGZHOU HENGBO LABEL CO LTD	JH-1	60°C	cURus
			YUETAI PRINTING &	YT99601	80°C	cURus
				YT99601A		
			TAIZHOU LUQIAO WU WEN PRINTING FACTORY	WW-02	80°C	URus
			YUYAO KANGDA ELECTRON PRINTING CO LTD	KD125	80°C	URus
			AVERY (CHINA) CO LTD	PET TC/S333	80°C	URus
			YUYAO CHENGQU	ST-010	80°C	URus
				SY-010		
			Various	Various	60°C	cURus

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
1.17	1.22	Switching Transformer	Various	Various	Vanish impregnated core, type EF20 with thickness 5.3mm by width 20.6mm by length 20.2mm, bobbin min. 1.6mm thickness. Primary winding Ø0.25mm, 130 turns, type MW79, rated min. 155°C, measured 1.52Ω at 22°C. Sec. winding 3 layers insulated wire Ø0.5mm, 20 turns, rated min. 130°C, measured 0.06Ω at 22°C. Vcc winding Ø0.18mm, 24 turns, rated min. 130°C, measured 0.52Ω at 22°C.	NR
			Various	Various	Vanish impregnated core, type EF20 with thickness 5.3mm by width 20.6mm by length 20.2mm, bobbin min. 1.0mm thickness. Primary winding Ø0.22mm, 102 turns, type MW 79, rated min. 155°C, measured 2.0Ω at 25°C. Sec. winding 3 layers insulated wire Ø0.25mm*2p, 14 turns, rated min. 130°C, measured 0.11Ω at 25°C. Vcc winding Ø0.15mm, 19 turns, rated min. 155°C, measured 0.9Ω at 25°C. This alternative component does not need optical isolater as feedback, item 1.23shall be removed when used.	NR
			Various	Various	Vanish impregnated core, type EE16 with thickness 7.8mm by width 12.0mm by length 17.0mm, bobbin min. 0.6mm thickness. Primary winding Ø0.27mm, 82 turns, type 2UEW, rated min. 130°C, measured 1.19Ω at 25°C. Sec. winding 3 layers insulated wire Ø0.4mm, 11 turns, rated min. 130°C, measured 0.072Ω at 25°C. Vcc winding Ø0.12mm*2P, 12 turns, rated min. 130°C, measured 0.358Ω at 25°C. This alternative component does not need optical isolater as feedback, item 1.23shall be removed when used.	NR

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
1.17	1.23	Optical Isolators	EVERLIGHT ELECTRONICS	817 series EL817 series	Providing 5000Vac isolation	cURus
			SHARP CORP ELECTRONIC COMPONENTS AND DEVICES GROUP	PC817 series	Providing 5000Vac isolation	UR
			FAIRCHILD SEMICONDUCTOR CORP	FOD817 series	Providing 5000Vac isolation	cURus
			LITE-ON Technology Corporation (E113898)	LTV-817 series	Providing 5300Vac isolation.	cURus
			SHENZHEN ORIENT (E323844)	OR817 series	Providing 5000Vac isolation.	cURus
			BRIGHT LED ELECTRONICS CORP	BPC-817 series	Providing 5000Vac isolation	cURus
1.17	1.24	Y Capacitor	JYH CHUNG ELECTRONICS CO LTD	JY	250V, 1.0nF or 2.2nF. 1 piece connected in series across pri. and sec. by soldering	cURus
			JYH HSU (JEC) ELECTRONICS LTD (E356696)	JY series JD series	Min. 250V,1.0nF or 2.2nF	cURus
			SHENZHEN SONGTE (E302622)	CT7	Min. 250V,1.0nF or 2.2nF	cURus
			SONGTIAN ENTERPRISE (E208107)	CE series CD series	Min. 250V,1.0nF or 2.2nF	cURus
			TDK CORPORATION (E37861)	CS CD	Min. 250V,1.0nF or 2.2nF	cURus
			GUANGDONG SOUTH HONGMING (E154899)	F	Min. 250V,1.0nF or 2.2nF	cURus
			Murata Manufacturing (E37921)	KJ series SA series	Min. 250V,1.0nF or 2.2nF	cURus
			Xiamen Wanming (E221839)	HJ series	Min. 250V,1.0nF or 2.2nF	cURus
			Guangdong Fenghua (E219015)	CT7-Y1 CT7-Y2	Min. 250V,1.0nF or 2.2nF	cURus
			XIAMEN FARATRONIC (E186600)	MKP63	Min. 250V,1.0nF or 2.2nF	cURus
			DONGGUAN QINHONG(QNR) (E488626)	CT7	Min. 250V,1.0nF or 2.2nF	cURus
			DONG GUAN CITY JIANKUN (E340699)	JK	Min. 250V,1.0nF or 2.2nF	cURus

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
			KNSCHA (E477850)	JK	Min. 250V,1.0nF or 2.2nF	cURus
			XIAMEN SINO FAITH(E328673)	HCX	Min. 250V,1.0nF or 2.2nF	cURus
			GUANGZHOU YES (E355933)	AR	Min. 250V,1.0nF or 2.2nF	cURus
			Haohua Electronic Co. (E233106)	CT7	Min. 250V,1.0nF or 2.2nF	cURus
			JYA-NAY CO LTD (E201384)	JY Series	Min. 250V, 2.2nF.	cURus
			Suzhou Jiarong (E201384))	YB	Min. 250V, 2.2nF.	cURus
			Various	Various	Min. 250V,1.0nF or 2.2nF	cURus
1.17	1.25	Triacs for Electronic Switch	JIANGSU DONGGUANG MICRO-ELECTRONICS STOCK CO LTD	MAC97A6/BT131	0.6A	UR
			JIANGSU JIEJIE MICROELECTRONICS CO LTD	MAC97A6/JST131/BT131	0.6A	UR
			PHILIPS	MAC97A6/BT131	0.6A	NR
			ON SEMICONDUCTOR	MAC97A6/BT131	0.6A	NR
			UNISONIC TECHNOLOGIES CO LTD	MAC97A6/BT131	0.6A	NR
			FUXIN MICROELECTRONICS CO.LTD	97A6/BT131	0.6A	NR
			Shenzhen King Technology Co., Ltd.	97A6/ADS1D80	0.6A	NR
			QIDONG JILAI ELECTRONICS CO., Ltd	MAC97A8/MAC97A6/BT131	0.6A	NR
			JILIN SINOMICRO ELECTRONICS CO LTD	Z0607NS	0.6A	NR
			SHENZHEN XCH SEMICONDUCTORS CO.,LTD	BT131 Series	0.6A	NR
			Jiangsu Weida Semiconductor	BT131 Series	0.6A	NR
			Various	Various	0.6A	NR

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
1.17	1.26	Optical Isolators for Electronic Switch	LITE-ON TECHNOLOGY CORP	MOC-3021 series	Providing 5000V isolation	cURus
			FAIRCHILD SEMICONDUCTOR CORP	MOC3021 series	Providing 3750V isolation	cURus
			EVERLIGHT ELECTRONICS CO LTD	EL3021 series	Providing 5000V isolation	cURus
				ELT3021 series		
			SHARP CORP ELECTRONIC COMPONENTS AND DEVICES GROUP	1S3021 seires	Providing 5000V isolation	cURus
			SHENZHEN ORIENT COMPONENTS (E323844)	ORMOC3021S series	Providing 5000V isolation	cURus
			JIEJIE MICROELECTRONICS (Shenzhen) (E521485)	JOC3021 series	Providing 5000V isolation	cURus
			CT Microelectronics Far East (E364000)	CT3021 series	Providing 5000V isolation	cURus
			Various	Various	Providing 5000V isolation	cURus
1.22 , 1.31	1.27	Water Inlet Valve	JIA YIN INC	JYSF-15	DC12V	NR
			DUOJIA KEJI	YS-DCF-J2	DC12V, 6W.	NR
			YUYAO PURO	PURO-XD-12	DC12V, 6.5W	NR
1.19	1.28	Metal Enclosure	Various	Various	Stainless steel, min. 0.4mm thickness. For models HZB-13F/S, HZB-13F/SL, HZB-18F/S, HZB-18F/SL, HZB-13AF, HZB-20AF.	NR
1.22 a, 1.32	1.29	Self-priming water pump	DUOJIA KEJI	DJGM-2	DC12V, 5W. Optional for self priming models.	NR
			Ningbo Hebang Motor	DJGM-2	DC12V, 5W. Optional for self priming models.	NR
2.1	2.01	Plug (Not Shown)	Various	Various	NEMA 5-15P	cURus
2.1	2.02	Power Cord	Various	SJT	3*18AWG, 300V, VW-1, 1.8-3m length	cURus
2.1, 2.1a , 2.1b , 2.2a	2.03	Top and Front Enclosure	Various	Various	Stainless steel, Thickness: Min. 0.4mm	NR
2.2, 2.2b	2.04	Rear Enclosure	Various	Various	Galvanized sheet, Thickness: Min. 0.4mm	NR

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
2.4, 2.4a	2.05	Condenser Fan Motor	XINRUILIAN	RDH1225S	DC12V, 0.4A	cURus
			SHENZHEN HUAXIA HENGTAI ELECTRONIC CO LTD	YM1212PTS1	DC12V, 0.27A	cURus
			ZHONGSHAN HENGSHAN PLASTIC PRODUCTS CO LTD	FS120252H	DC12V, 0.3A	cURus
			YATE LOON ELECTRONICS CO LTD	D12SH-12	DC12V, 0.3A	cURus
			YOUNG LIN TECH CO LTD	DFS122512H	DC12V, 0.28A	cURus
			SHENZHEN POWERYEAR TECHNOLOGY CO LTD	PY-1225H12S	DC12V, 0.35A	cURus
2.4	2.06	PVC Sleeving	DAE CHANG ELECCOM CO	DC-3	300V, 105°C, VW-1	cURus
				DC-6	600V, 105°C, VW-1	cURus
			CHANGYUAN ELECTRONICS	CB-300	300V, 105°C, VW-1	cURus
				CB-600	600V, 105°C, VW-1	cURus
			JIANGSU TAICANG LIXIN ELECTRIC PLASTICS CO LTD	CSGV-105	300V or 600V, 105°C, VW-1	cURus
			SHANGHAI RISHUN	RST-300	300V, 105°C, VW-1	cURus
				RST-600	600V, 105°C, VW-1	cURus
			SHENZHEN CHEMIDA ELECTRONIC CO LTD	CHEMIDA TUBE CMD-3	300V, 105°C, VW-1	cURus
				CHEMIDA TUBE CMD-6	600V, 105°C, VW-1	cURus
			LONGWELL CO	LIT-300	300V, 105°C, VW-1	cURus
				LIT-600	600V, 105°C, VW-1	cURus
			CHINA KINWA HIGH	VC-300	300V, 105°C, VW-1	cURus
				VC-600	600V, 105°C, VW-1	cURus
			WENZHOU HONGXIN	HXT-300	300V, 105°C, VW-1	cURus
				HXT-600	600V, 105°C, VW-1	cURus
			SUZHOU FUCHEN	FC-300	300V, 105°C, VW-1	cURus
				FC-600	600V, 105°C, VW-1	cURus
			SHIHUA PLASTICS PIPE	SHT-300	300V, 105°C, VW-1	cURus
				SHT-600	600V, 105°C, VW-1	cURus
			Various	Various	min 300V, min 105°C, VW-1	cURus
2.3	2.07	PWB Box	LG CHEMICAL LTD	AF312B	ABS, 2.5mm thickness, rated 5VA, RTI(75 70 75)	cURus
				AF365F	ABS, 2.0mm thickness, rated 5VA, RTI(85 85 80)	cURus
			CHI MEI CORPORATION	PA-765	ABS, 2.5mm thickness, rated 5VA, RTI(80 80 80)	cURus
2.3	2.08	Internal Wiring	Various	1015/1007	22-18AWG, 300/600V, 105°C, bound well by cabel ties	cURus

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
2.4, 2.10 , 2.15 , 2.16 , 2.19 , 2.19 a, 2.10 a, 2.19 b, 2.10 b	2.09	Compressor	WANBAO GROUP COMPRESSOR CO LTD	ANA90U6	For models HZB-45 and HZB-45/S: 115V~, 60Hz, R134a, with 50μF starting capacitor	cURus
			WANBAO GROUP (SA12799)	FT55U6ML	For models HZB-45, HZB-45/S, HZB-45A: 115V~, 60Hz, R290, with 98μF starting capacitor ,12μF running capacitor	cURus
			NINGBO ANUODAN (SA33342)	HW58R11V	For models HZB-45, HZB-45/S, HZB-45A: 110-120V~, 60Hz, R290, with 12μF running capacitor	cURus
			HUANGSHI DONGBEI (SA12805)	NE6188BZ	For models HZB-65 and HZB-65/S: 110-120V~, 60Hz, R134a	cURus
			WANBAO GROUP (SA12799)	FNH66U6	For models HZB-65 and HZB-65/S: 115V~, 60Hz, R290, with 140μF starting capacitor,12μF running capacitor	cURus
			WANBAO GROUP COMPRESSOR CO LTD	FN90U6ML	For model HZB-90F, HZB-45M: 115V~, 60Hz, R290	cURus
			NIDEC GLOBAL APPLIANCE GERMANY GMBH (SA3693)	SC12CNX.2	115V, 60Hz, R290. For HZB-120F, with 240μF starting capacitor	cURus
			NINGBO ANUODAN (SA33342)	QD32R11	For models HZB-36, HZB-36A: 110-120V~, 60Hz, R290, with 12μF running capacitor	cURus
			Changhong Huayi Compressor Co Ltd	NPY12LR	115-127V, 60Hz, PH1, R290, With 15μF running capacitor and 150μF starting capacitor. For HZB-120F	cURus

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
2.4, 2.10 , 2.15 , 2.16 , 2.19 , 2.19 a, 2.10 a, 2.19 b	2.09 a	Starting capacitor for compressor (Not shown)	FUXIN JIEKEDA (E212600)	CD60	Min. 125V, 50μF for ANA90U6; 98μF for FT55U6ML; 140μF for FNH66U6 and FN90U6ML; 240μF for SC12CNX2; 150μF for NPY12LR	UR
			HUANGSHAN ZHENZHOU (E473480)	DC60 Series	Min.125V, 50μF for ANA90U6; 98μF for FT55U6ML; 140μF for FNH66U6 and FN90U6ML; 240μF for SC12CNX2; 150μF for NPY12LR.	UR
			Shanghai Haoye (E218344)	MSC-1/MKP series	Min. 125V, 50μF for ANA90U6; 98μF for FT55U6ML; 140μF for FNH66U6 and FN90U6ML; 240μF for SC12CNX2; 150μF for NPY12LR.	UR
			KEMET (SUZHOU) (E497021)	MD12	Min. 125V, 50μF for ANA90U6; 98μF for FT55U6ML; 140μF for FNH66U6 and FN90U6ML; 240μF for SC12CNX2; 150μF for NPY12LR.	UR
			Various	Various	Min. 125V, 50μF for ANA90U6; 98μF for FT55U6ML; 140μF for FNH66U6 and FN90U6ML; 240μF for SC12CNX2; 150μF for NPY12LR.	UR
2.4, 2.10 , 2.15 , 2.16 , 2.19 , 2.19 a, 2.10 a, 2.19 b	2.09 b	Running capacitor for compressor (Not shown)	FUXIN JIEKEDA (E212600)	CBB series	Min. 125V, 12μF for FT55U6ML, HW58R11V, FNH66U6, QD32R11 and FN90U6ML; 15μF for NPY12LR.	cURus
			Ning Guo Yuhua (E317866)	CBB65 CBB65-A	Min. 125V, 12μF for FT55U6ML, HW58R11V, FNH66U6, QD32R11 and FN90U6ML; 15μF for NPY12LR.	cURus
			Anhui Feida (E241095)	CBB65A-2	Min. 125V, 12μF for FT55U6ML, HW58R11V, FNH66U6, QD32R11 and FN90U6ML; 15μF for NPY12LR.	cURus
			Anhui Tongfeng (E187356)	CBB65	Min. 125V, 12μF for FT55U6ML, HW58R11V, FNH66U6, QD32R11 and FN90U6ML; 15μF for NPY12LR.	cURus
			Shanghai Haoye (E218344)	MKPseries CBB65D	Min. 125V, 12μF for FT55U6ML, HW58R11V, FNH66U6, QD32R11 and FN90U6ML; 15μF for NPY12LR.	cURus
			ANHUI JUAN KUANG (E205685)	CBB65 CBB64A	Min. 125V, 12μF for FT55U6ML, HW58R11V, FNH66U6, QD32R11 and FN90U6ML; 15μF for NPY16LR.	cURus
			GUANGDONG FENGMING (E307429)	CBB60B-P2 CBB61-P2 CBB61	Min. 125V, 12μF for FT55U6ML, HW58R11V, FNH66U6, QD32R11 and FN90U6ML; 15μF for NPY12LR.	cURus
			Various	Various	Min. 125V, 12μF for FT55U6ML, HW58R11V, FNH66U6, QD32R11 and FN90U6ML; 15μF for NPY12LR.	cURus

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
2.4	2.10	Condenser Coil	NINGBO HICON	Various	Copper, outside diameter 9.52mm, thickness 0.35mm	NR
2.4b	2.10 a	Condenser Coil	NINGBO HICON	Various	Copper, outside diameter 5mm, thickness 0.20mm for HZB-36, HZB-36A, HZB-45, HZB-45/S, HZB-45A, HZB-65, HZB-65/S, HZB-36A.	NR
2.4c	2.10 b	Condenser Coil	NINGBO HICON	Various	Copper, outside diameter 7mm, thickness 0.20mm for HZB-90F, HZB-120F.	NR
2.3	2.11	Ice Melting Valve	ZHEJIANG SANHUA (MH29234)	FDF2A series	110V/115V/120V/110-120V, 50/60Hz	cURus
			ZHEJIANG ZHONGBAO (E254164)	FDF2A FDF2A-02C	110V/115V/120V/110-120V, 50/60Hz	cURus
			CHANGZHOU CHANGHENG LUSI (MH30067)	DTF-1	110V/115V/120V/110-120V, 50/60Hz, only for USA	UL
				DTF-1-2A	110V/115V/120V/110-120V, 50/60Hz	cURus
				FDF-2A	110V/115V/120V/110-120V, 50/60Hz	cURus
			ANHUI TIANHAO (MH47312)	FDF-2A FDF-4A	110V, 50/60Hz	cURus
			ZHEJIANG DUNAN(E253737)	FDF2A	110V, 50/60Hz	cURus
			Changzhou Weigeer (MH64645)	FDF-2A12	110-120V, 50/60Hz	cURus

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
2.5, 2.5a	2.12	Across-the-line Capacitor	JIMSON (E152288)	MKP	0.1μF or 0.22μF, min. 250V	cURus
			JENN SHEN (E184650)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			DAIN (E147776)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			ANHUI TONG FENG (E214748)	MKP	0.1μF or 0.22μF, min. 250V	cURus
			FU XIN PAN OCEAN (E352735)	MPX-X2	0.1μF or 0.22μF, min. 250V	cURus
			Ultra Tech Xiphi Enterprise (E183780)	HQX	0.1μF or 0.22μF, min. 250V	cURus
			Carli Electronics (E120045)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			TENTA (E222911)	MEX	0.1μF or 0.22μF, min. 250V	cURus
			GUANGDONG FENGMING (E345487)	MKP-X2	0.1μF or 0.22μF, min. 250V	cURus
			Songtian Enterprise (E208107)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			SHENZHEN JING YU (E230035)	CBBX2	0.1μF or 0.22μF, min. 250V	cURus
			EUROPTRONIC (TAIWAN) (E211347)	MPX2	0.1μF or 0.22μF, min. 250V	cURus
			ZHUHAI SUNG HO (E327138)	CMPP	0.1μF or 0.22μF, min. 250V	cURus
			KNSCHA ELECTRONICS (E477850)	MPX/MKP	0.1μF or 0.22μF, min. 250V	cURus
			XIAMEN FARATRONIC (E186600)	MKP62	0.1μF or 0.22μF, min. 250V	cURus
			GUANGZHOU YES (E355933)	MPX/MKP	0.1μF or 0.22μF, min. 250V	cURus
			JYH HSU (JEC) (E356696)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			HUIZHOU RONGDA (E362358)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			QI RONG (E492807)	MKP	0.1μF or 0.22μF, min. 250V	cURus
			DONGGUAN CHENG DONG (E495826)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			SINHUA ELECTRONICS (HUZHOU) (E237560)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			SHENZHEN SINCERITY (E319615)	MPX/MKP	0.1μF or 0.22μF, min. 250V	cURus

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
			DONGGUAN JURCC (E343072)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			DONGGUAN YUANSHENG (E522434)	MPX/MKP	0.1μF or 0.22μF, min. 250V	cURus
			Dongguan Qinhong (QNR) (E488626)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			Various	Various	0.1μF or 0.22μF, min. 250V	cURus
			CHENGDU TIEDA ELECTRONIC CO LTD	MYN12-331K	330V	cURus
			FENG HUA ADVANCE (E325462)	FNR10K331	330V	UL, CSA
			KESTAR ELECTRONIC (CHINA) (E328106)	MYG10-331	330V	UL, CSA
			DONGGUAN LITTELFUSE	VDR-10D331K MOV-10D331K	330V	UL, CSA
			EPCOS (ZHUHAI FTZ) CO LTD	(SIOV-) S10K320	320V	UL, CSA
			HONGZHI ENTERPRISES LTD	HEL-10D331	330V	UL, CSA
			XIAN XIWUER (E321175)	MYD-10K331	330V	cURus
			CAPATRONICS ELECTRONICS (KUNSHAN) CO LTD	CVR10N331K	330V	cURus
			NANJING JOCOL ELECTRONICS TECHNOLOGY CO LTD	10D331K	330V	cURus
			CERAMATE (E315429)	GNR 10D331K GNR 14D331K NFV 10D331K NFV 14D331K	330V	cURus
			GUANGXI NEW FUTURE (E323753)	NFC10D331K	330V	cURus
			THINKING ELECTRONIC (E314979)	TVR10331	330V	cURus

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
2.5, 2.5a	2.13	Varistor	Centra Science Corp (E316325)	CNR-10D331K	330V	cURus
			DONGGUAN CITY JIANKUN (E489693)	10D331K	330V	cURus
			JYH HSU(JEC) (E486000)	10D331K	330V	cURus
			Zhejiang Huang yan Sailing (E329714)	MYG10K331	330V	cURus
			HUIZHOU SONGLONGXINDIAN (E359158)	10D331K	330V	cURus
			GUANGZHOU YES (E491744)	V-331K-10D	330V	cURus
				V-331K-10DEH	330V	cURus
			GUANGDONG HUIWAN (E480104)	V-331K-10D	330V	cURus
				V-331K-10DEH	330V	cURus
			DONG GUAN CHENG DONG (E515504)	CDSPC-10D331K	330V	cURus
			XIAMEN SET (E322662)	SFV10D331K	330V	cURus
			SONGTIAN ENTERPRISE (E330837)	10D331K	330V	cURus
			GUANGDONG SOUTH HONGMING (E321851)	ZVR10D331	330V	cURus
			SHENZHEN CHUANG NA(E477910)	CVR-10D331K	330V	cURus
			LUZHOU SINCERITY (E529390)	MYD-10K331	330V	cURus
			SUZHOU XINHONGGAO (E533900)	HXR 10D331K	330V	cURus
			Dongguan Jiayi (E517636)	JNR 10D331K JNR 10D331KH	330V	cURus
			Fujian Qiaoguang (E507891)	FTR10D331K	330V	cURus
			YU FEI TE (E515299)	YFT 10D331K	330V	cURus
			Dongguan Qin hong (QNR) (E495834)	QNR-10D331K	330V	cURus
			Various	Various	330V	cURus

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
2.5, 2.5a	2.14	Fuse (glass tube type)	HOLLYLAND CO LTD	50F/51S/51NM	250V, 3.15A, 5×20mm	cURus
			LITTELFUSE INC	618	250V, 3.15A, 5×20mm	cURus
			EVER ISLAND ELECTRIC CO LTD & WALTER ELECTRIC	2000	250V, 3.15A, 5×20mm	cURus
			SHANGHAI SONGSHAN ELECTRONICS CO LTD	218	250V, 3.15A, 5×20mm	cURus
			ZHONG SHAN LANBAO (E213695)	RFI-20	250V, 3.15A, 5×20mm	cURus
			XC (SHENZHEN) (E249609)	5T/5F/5H/5G/5T E	250V, 3.15A, 5×20mm	cURus
			SHENZHEN LANSON (E221465)	5K, 3K, 5M, 5N	250V, 3.15A, 5×20mm	cURus
			Various	Various	3.15A, 125/250V, 5×20mm	cURus
2.6b, 2.6e, 2.6g	2.28	Fuse (micro type to be alternative)	HOLLYLAND CO LTD	5EF	3.15A, 250V, secured to PWB by soldering of pigtail leads	cURus
			SHANGHAI FULLNESS (E485357)	TSP	3.15A, 250V	cURus
			DONGGUAN BETTER (E300003)	932	3.15A, 250V	cURus
			DONGGUAN CHEVRON (E358589)	SET	3.15A, 250V	cURus
			SUZHOU WALTER (E56092)	2010	3.15A, 250V	cURus
			CONQUER ELECTRONICS (E82636)	MST	3.15A, 250V	cURus
			XC (SHENZHEN) (E249609)	5TE	3.15A, 250V	cURus
			HONG HU BLUELIGHT (E324232)	6ET	3.15A, 250V	cURus
			XIAMEN SET (E345932)	SPT478	3.15A, 250V	cURus
			SHENZHEN LANSON (E221465)	SMT/SPT	3.15A, 250V	cURus
			Various	Various	3.15A, 250V	cURus

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
2.5	2.15	Quick-connect Terminals (Not Shown)	JAPAN SOLDERLESS TERMINAL MFG CO LTD	SRSF-61-250A	AC 250V	cURus
			KOREA ELECTRIC TERMINAL CO LTD	ST730-135	AC 250V	cURus
			JIAN HUI METAL PLASTIC PART	J704-BS	AC 250V	cURus
				J707-BS	AC 250V	cURus
			ZHEJIANG YUEQING CHANGDECHENG ELECTRONIC CO LTD	HC621-6.3	AC 250V	cURus
			K S TERMINALS INC	FDFNYD2-250	AC 250V	cURus
			SHUN SHENG TERMINAL MFG LTD	751-BS	AC 250V	cURus
				751A-BS		
				752-BS		
				71155-BS		
				7615-BS		
				710-BS		
				712-BS		
			TYCO ELECTRONICS CORP	63232	AC 250V	cURus
				63313		
				250		
			ZHEJIANG NADELI ELECTRONICS CO LTD	NL6.3A-005	AC 250V	UR
			YUEQING JIADE ELECTRONICS CO LTD	FAF-250W	AC 250V	cURus
				FAF-250WS		
				FAF-250Z		
				FAF-250ZS		
			Various	Various	AC 250V	cURus

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
2.5	2.16	Main PWB	NAN YA PLASTICS CORP CCL DEPT ELECTRONIC MATERIAL DIV	CEM-3-86/92/95	1.5mm thickness, V-0, 130°C	URus
			YAT TAO CHEMICAL HOLDINGS (HK) LTD	KH-111F (FR-1)	1.5mm thickness, V-0, 130°C	URus
			SHANGHAI NANYA COPPER CLAD LAMINATES CO	SN-L1	1.5mm thickness, V-0, 130°C	URus
				SN-L2		
				SN-P1		
				SN-P2		
			CHANGZHOU SHUANGJIN	CCEM-1	1.5mm thickness, V-0, 130°C	URus
				CFR-1		
			ZHEJIANG WENZHOU TIANCHEN ELECTRONICS	TC-1	1.5mm thickness, V-0, 130°C	URus
			SHANDONG JINBAO (E141940)	ZD-90F	1.5mm thickness, V-0, 130°C	URus
				ZD-98F		
			Cixi Qingbao Electronic (E321750)	FR1	1.5mm thickness, V-0, 130°C	cURus
			CHANGZHOU KELONG (E248439)	JC-2	1.5mm thickness, V-0, 130°C	URus
			ZHEJIANG CORE POINT(E477843)	XT-02	1.5mm thickness, V-0, 130°C	cURus
			Jiangxi Fan Li Sheng (E471141)	YFL-D or FLS-D	1.5mm thickness, V-0, 130°C	cURus
			WENZHOU HUABANG (E251053)	H-01, H02	1.5mm thickness, V-0, 130°C	cURus
			Anhui Dongou (E473856)	SY-S, SYDZ520	1.5mm thickness, V-0, 130°C	cURus
			KINGBOARD (E123995)	KB series	1.5mm thickness, V-0, 130°C	cURus
			GUANGDE YINGFEITE (E466867)	YFT2	1.5mm thickness, V-0, 130°C	cURus
			ZHEJIANG YUNKAI (E466488)	YKPCB-2	1.5mm thickness, V-0, 130°C	cURus
			JIANGSU ZHONGSHUN (E512075)	ZS-SD	1.5mm thickness, V-0, 130°C	cURus
			HuBei GongMing Circuits(E365663)	GF212	1.5mm thickness, V-0, 130°C	cURus
			Guangde anbang (E500792)	AB-S	1.5mm thickness, V-0, 130°C	cURus

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
			SHANGHAI GLOBAL (E224772)	ILM-R1	Thickness: 1.5mm, V-0, 130°C	URus
			GOLDENMAX (ZHUHAI) (E330731)	ILM-R1	Thickness: 1.5mm, V-0, 130°C	URus
			GOLDENMAX (HANGZHOU) (E134893)	ILM-R1	Thickness: 1.5mm, V-0, 130°C	URus
			SHENZHEN STARIVER (E258603)	SR-01A	Thickness: 1.5mm, V-0, 130°C	URus
			Viafine PCB Ltd (E466925)	VF-D	Thickness: 1.5mm, V-0, 130°C	URus
			SHENZHEN TONGCHUANGXI N (E250336)	TCX TCX-2	Thickness: 1.5mm, V-0, 130°C	URus
			SHENZHEN ZHONG LUO (E255554)	ZL-02	Thickness: 1.5mm, V-0, 130°C	URus
			Jiangxi Dongxun Precision (E530605)	DX-D	Thickness: 1.5mm, V-0, 130°C	Urus
			Sui Ning Rui Jie Xing (E493761)	RJX-D	Thickness: 1.5mm, V-0, 130°C	Urus
			Various	Various	1.5mm thickness, V-0, 130°C	URus
2.5	2.17	Evaporator Refrigerant Pipe (Not Shown)	NINGBO HICON	Various	Copper, min 0.31mm thickness	NR
2.5	2.18	Marking Label (Not Shown)	KUNSHAN DAVID PRINTING & STATIONARY CO LTD	TL-400	60°C	URus
			HANGZHOU HENGBO LABEL CO LTD	JH-1	60°C	cURus
			YUETAI PRINTING &	YT99601 YT99601A	80°C	cURus
			TAIZHOU LUQIAO WU WEN PRINTING FACTORY	WW-02	80°C	URus
			YUYAO KANGDA ELECTRON PRINTING CO LTD	KD125	80°C	URus
			AVERY (CHINA) CO LTD	PET TC/S333	80°C	URus
			YUYAO CHENGQU	ST-010 SY-010	80°C	URus
			Various	Various	60°C	cURus

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
2.5, 2.5a	2.19	Optical Isolators	EVERLIGHT ELECTRONICS	817 series EL817 series	Providing 5000Vac isolation	cURus
			SHARP CORP ELECTRONIC COMPONENTS AND DEVICES GROUP	PC817 series	Providing 5000Vac isolation	UR
			FAIRCHILD SEMICONDUCTO R CORP	FOD817 series	Providing 5000Vac isolation	cURus
			LITE-ON Technology Corporation (E113898)	LTV-817 series	Providing 5300Vac isolation.	cURus
			SHENZHEN ORIENT (E323844)	OR817 series	Providing 5000Vac isolation.	cURus
			BRIGHT LED ELECTRONICS CORP	BPC-817 series	Providing 5000Vac isolation	cURus
2.5, 2.5a	2.20	Y Capacitor	JYH CHUNG ELECTRONICS CO LTD	JY	250V, 1.0nF or 2.2nF. 1 piece connected in series across pri. and sec. by soldering	cURus
			JYH HSU (JEC) ELECTRONICS LTD(E356696)	JY series JD series	Min. 250V,1.0nF or 2.2nF	cURus
			SHENZHEN SONGTE (E302622)	CT7	Min. 250V,1.0nF or 2.2nF	cURus
			SONGTIAN ENTERPRISE (E208107)	CE series CD series	Min. 250V,1.0nF or 2.2nF	cURus
			TDK CORPORATION (E37861)	CS CD	Min. 250V,1.0nF or 2.2nF	cURus
			GUANGDONG SOUTH HONGMING (E154899)	F	Min. 250V,1.0nF or 2.2nF	cURus
			Murata Manufacturing (E37921)	KJ series SA series	Min. 250V,1.0nF or 2.2nF	cURus
			Xiamen Wanming (E221839)	HJ series	Min. 250V,1.0nF or 2.2nF	cURus
			Guangdong Fenghua (E219015)	CT7-Y1 CT7-Y2	Min. 250V,1.0nF or 2.2nF	cURus
			XIAMEN FARATRONIC (E186600)	MKP63	Min. 250V,1.0nF or 2.2nF	cURus
			DONGGUAN QINHONG(QNR) (E488626)	CT7	Min. 250V,1.0nF or 2.2nF	cURus
			DONG GUAN CITY JIANKUN (E340699)	JK	Min. 250V,1.0nF or 2.2nF	cURus

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
			KNSCHA (E477850)	JK	Min. 250V, 1.0nF or 2.2nF	cURus
			XIAMEN SINO FAITH(E328673)	HCX	Min. 250V, 1.0nF or 2.2nF	cURus
			GUANGZHOU YES (E355933)	AR	Min. 250V, 1.0nF or 2.2nF	cURus
			Haohua Electronic Co. (E233106)	CT7	Min. 250V, 1.0nF or 2.2nF	cURus
			JYA-NAY CO LTD (E201384)	JY Series	Min. 250V, 2.2nF.	cURus
			Suzhou Jiarong (E201384))	YB	Min. 250V, 2.2nF.	cURus
			Various	Various	Min. 250V, 1.0nF or 2.2nF	cURus
2.6	2.21	Triacs for Electronic Switch	JIANGSU DONGGUANG MICRO-ELECTRONICS STOCK CO LTD	MAC97A6/BT131	0.6A	UR
			JIANGSU JIEJIE MICROELECTRONICS CO LTD	MAC97A6/JST131/BT131	0.6A	UR
			PHILIPS	MAC97A6/BT131	0.6A	NR
			ON SEMICONDUCTOR	MAC97A6/BT131	0.6A	NR
			UNISONIC TECHNOLOGIES CO LTD	MAC97A6/BT131	0.6A	NR
			FUXIN MICROELECTRONICS CO.LTD	97A6/BT131	0.6A	NR
			Shenzhen King Technology Co., Ltd.	97A6/ADS1D80	0.6A	NR
			QIDONG JILAI ELECTRONICS CO., Ltd	MAC97A8/MAC97A6/BT131/F0105-8V	0.6A	NR
			JILIN SINOMICRO ELECTRONICS CO LTD	Z0607NS	0.6A	NR
			SHENZHEN XCH SEMICONDUCTORS CO.,LTD	BT131 Series	0.6A	NR
			Jiangsu Weida Semiconductor	BT131 Series	0.6A	NR
			Various	Various	0.6A	NR

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
2.5	2.22	Optical Isolators for Electronic Switch	LITE-ON TECHNOLOGY CORP	MOC-3021 series	Providing 5000V isolation	cURus
			FAIRCHILD SEMICONDUCTOR CORP	MOC3021 series	Providing 3750V isolation	cURus
			EVERLIGHT ELECTRONICS CO LTD	EL3021 series	Providing 5000V isolation	cURus
				ELT3021 series		
			SHARP CORP ELECTRONIC COMPONENTS AND DEVICES GROUP	1S3021 seires	Providing 5000V isolation	cURus
			SHENZHEN ORIENT COMPONENTS (E323844)	ORMOC3021S series	Providing 5000V isolation	cURus
			JIEJIE MICROELECTRONICS (Shenzhen) (E521485)	JOC3021 series	Providing 5000V isolation	cURus
			CT Microelectronics Far East (E364000)	CT3021 seires	Providing 5000V isolation	cURus
2.3	2.23	Water Inlet Valve	Various	Various	Providing 5000V isolation	cURus
			JIA YIN INC	JYSF-15	DC12V	NR
			DUOJIA KEJI	YS-DCF-J2	DC12V, 6W.	NR
2.5	2.24	Relay for Compressor and optional drain pump	YUYAO PURO	PURO-XD-12	DC12V, 6.5W	NR
			NINGBO ZETTLER ELECTRONICS CO LTD	JT105F series	Min 15A, 240V, 10E4	cURus
			XIAMEN HONGFA (E134517)	HF105F series	Min 15A, 240V, 10E4	cURus
			ZHEJIANG MEISHUO (E358149)	MPQ1-S-112D-A	Min 15A, 240V, 10E4. only for compressor	cURus
			Shanxi Qunli (E151736)	JQX-15F series	Min 15A, 240V, 10E4.	cURus
2.5	2.24	Relay for Compressor and optional drain pump	WANGRONG ELECTRONICS (SHENZHEN) (E345228)	RA1-112LM	Min 15A, 250V, 10E4. only for compressor	cURus

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
2.6g	2.24 a	Relay for valve and water pump	GOODSKY	RWH-SH-112DM	Min.5A, 120V/250V, 10E4, secured to PWB by soldering	cURus
			XIAMEN HONGFA (E134517)	JQC-3FF HF3FF	Min.5A, 125V/250V/277V, 10E4	cURus
			NINGBO SONGLE (E167996)	SRD-12VDC-SL-A	Min.10A, 125V, 10E4	cURus
			DONGGUAN SANYOU (E190598)	SRD-S-112DM series SRD-SH-112DM series	Min.5A, 125V or 250V, 10E4	cURus
			HSIN DA (E162117)	982-1A-12D	Min.10A, 125V or 5A, 250V, 10E4	cURus
			SONG CHUAN PRECISION CO LTD	833H-1C-C	Min.10A, 125V, 10E4	cURus
			QUN LI RADIO APPLIANCE FACTORY	JQC-3FB	Min.10A, 120V or 5A, 250V, 10E4	cURus
			NINGBO JINTIAN RELAY CO LTD	JQC-3FF HF3FF	Min.5A, 120V or 125V, 10E4	cURus
						cURus
			NINGBO ZETTLER (E319069)	JQC-3FF	Min.5A, 120V/125V/350V/277V, 10E4	cURus
				HF3FF		cURus
			ZHEJIANG MEISHUO (E313266)	MPA-S-112-A	Min.5A, 125V/240V/250V, 10E4	cURus
			NINGBO TIANBO GANGLIAN (E173485)	HJR-3FF	Min.10A, 125V, 10E4	cURus
			WANGRONG ELECTRONICS (SHENZHEN) (E345228)	RA-112DM-A-S	Min 5A, 250/227V, 10E4.	cURus
			NINGBO HUILONGCANG (E215689)	973-12VDC-SL-A	Min 5A,125V/ 250V, 10E4.	cURus
			Shenzhen Golden Electrical (E321783)	GH-1A-12LSFT	Min.5A, 125V/250V/277V, 10E4	cURus

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
2.5, 2.5a, 2.6b, 2.6e, 2.6g	2.25	Switching Transformer	Various	Various	EF20 with thickness 5.3mm by width 20.6mm by length 20.2mm, bobbin min. 1.6mm thickness. Primary winding Ø0.25mm, 152turns, type MW79, rated min. 155°C, measured 1.82Ω at 21°C. Sec. winding 3 layers insulated wire Ø0.5*2mm, 15turns, rated min. 130°C, measured 0.033 Ω at 21°C. Vcc winding Ø0.25mm, 20turns, rated min. 155°C, measured 0.82 Ω at 21°C	NR
			Various	Various	EE16L with thickness 9.8mm by width 17.0mm by length 15.5mm, bobbin min. 1.6mm thickness. Primary winding Ø0.32mm, 66turns, type MW79, rated min. 155°C, measured 0.54Ω at 25°C. Sec. winding 3 layers insulated wire Ø0.70mm, 7turns, rated min. 130°C, measured 0.015 Ω at 25°C. Vcc winding Ø0.32mm, 9turns, rated min. 155°C, measured 0.089 Ω at 25°C. This alternative component does not need optical isolater as feedback, item 2.19 shall be removed when used.	NR
			Various	Various	EE22 with thickness 8.8mm by width 23.0mm by length 19.5mm, bobbin min. 1.6mm thickness. Primary winding Ø0.30mm, 76turns, type MW79, rated min. 155°C, measured 1.0Ω at 25°C. Sec. winding 3 layers insulated wire Ø0.65mm, 9turns, rated min. 130°C, measured 0.025 Ω at 25°C. Vcc winding Ø0.15mm, 12turns, rated min. 130°C, measured 0.25 Ω at 25°C. This alternative component does not need optical isolater as feedback, item 2.19 shall be removed when used.	NR

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
			Various	Various	E19 with thickness 9.9mm by width 20.0mm by length 16.1mm, bobbin min. 1.6mm thickness. Primary winding Ø0.33mm, 68turns, type MW79, rated min. 155°C, measured 0.74Ω at 25°C. Sec. winding 3 layers insulated wire Ø0.35mm*2P, 7turns, rated min. 155°C, measured 0.063 Ω at 25°C. Vcc winding Ø0.23mm*3P, 10turns, rated min. 155°C, measured 0.032 Ω at 25°C. This alternative component does not need optical isolater as feedback, item 2.19 shall be removed when used.	NR
2.5	2.26	Water Pump (not shown)	GUANGDONG ZHENHUA (E207329)	AP1200	120V, 60Hz, 8.5W	cURus
			Yuyao Lizhou (ETL4006273)	AP-601	100-127VAC, 60Hz, 0.15A.	cETLus
2.12 , 2.13	2.27	Ice Making Module	NINGBO HICON	Various	Copper plate, Thickness: Min 0.8mm	NR
2.3a	2.29	Self-priming water pump	DUOJIA KEJI	DJGM-2	DC12V, 5W. Optional for self priming models.	NR
			Ningbo Hebang Motor	DJGM-2	DC12V, 5W. Optional for self priming models.	NR
2.24	2.30	Water pump	Yuyao Lizhou	AP-1000	100-127VAC, 60Hz, 20W.	See 5.0
3.1	3.01	Plug (Not Shown)	Various	Various	NEMA 5-15P	cURus
3.1	3.02	Power Cord	Various	SJT	3*18AWG, 300V, VW-1, 1.8-3m length	cURus
3.1	3.03	Enclosure on Front Side Surface	NINGBO LG YONGXING CHEMICAL CO LTD	HI-121H	ABS, 2mm thickness, rated HB, RTI (60 60 60)	cURus
			LG CHEMICAL LTD	HI121	ABS, 2mm thickness, rated HB, RTI (95 95 95)	cURus
			BASF CO LTD	GP-22	ABS, 2mm thickness, rated HB, RTI (90 80 95)	cURus
			KUMHO PETROCHEMICAL	ABS-750	ABS, 2mm thickness, rated HB, RTI (70 70 70)	cURus
3.1	3.04	Enclosure on Other Surfaces (Not Shown)	Various	Various	Galvanized sheet, min. 0.4mm thickness	NR

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
3.3	3.05	Condenser Fan Motor	XINRUILIAN	RDH1225S	DC12V, 0.4A	cURus
			SHENZHEN HUAXIA HENGTAI ELECTRONIC CO LTD	YM1212PTS1	DC12V, 0.27A	cURus
			ZHONGSHAN HENGSHAN PLASTIC PRODUCTS CO LTD	FS120252H	DC12V, 0.3A	cURus
			YATE LOON ELECTRONICS CO LTD	D12SH-12	DC12V, 0.3A	cURus
			YOUNG LIN TECH CO LTD	DFS122512H	DC12V, 0.28A	cURus
			SHENZHEN POWERYEAR TECHNOLOGY CO LTD	PY-1225H12S	DC12V, 0.35A	cURus
3.2	3.06	PVC Sleeving	DAE CHANG ELECCOM CO	DC-3	300V, 105°C, VW-1	cURus
				DC-6	600V, 105°C, VW-1	cURus
			CHANGYUAN ELECTRONICS	CB-300	300V, 105°C, VW-1	cURus
				CB-600	600V, 105°C, VW-1	cURus
			JIANGSU TAICANG LIXIN ELECTRIC PLASTICS CO LTD	CSGV-105	300V or 600V, 105°C, VW-1	cURus
			SHANGHAI RISHUN	RST-300	300V, 105°C, VW-1	cURus
				RST-600	600V, 105°C, VW-1	cURus
			SHENZHEN CHEMIDA ELECTRONIC CO LTD	CHEMIDA TUBE CMD-3	300V, 105°C, VW-1	cURus
				CHEMIDA TUBE CMD-6	600V, 105°C, VW-1	cURus
			LONGWELL CO	LIT-300	300V, 105°C, VW-1	cURus
				LIT-600	600V, 105°C, VW-1	cURus
			CHINA KINWA HIGH	VC-300	300V, 105°C, VW-1	cURus
				VC-600	600V, 105°C, VW-1	cURus
			WENZHOU HONGXIN	HXT-300	300V, 105°C, VW-1	cURus
				HXT-600	600V, 105°C, VW-1	cURus
			SUZHOU FUCHEN	FC-300	300V, 105°C, VW-1	cURus
				FC-600	600V, 105°C, VW-1	cURus
			SHIHUA PLASTICS PIPE	SHT-300	300V, 105°C, VW-1	cURus
				SHT-600	600V, 105°C, VW-1	cURus
			Various	Various	min 300V, min 105°C, VW-1	cURus
3.2	3.07	PWB Box	LG CHEMICAL LTD	AF312B	ABS, 2.5mm thickness, rated 5VA, RTI(75 70 75)	cURus
				AF365F		cURus
			CHI MEI CORPORATION	PA-765	ABS, 2.5mm thickness, rated 5VA, RTI(80 80 80)	cURus
				PA-765A		cURus
3.2	3.08	Internal Wiring	Various	1015/1007	22-18AWG, 300/600V, 105°C, bound well by cabel ties	cURus

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
3.4, 3.4a	3.09	Compressor	ZANUSSI ELETTROMECCANICA TIANJIN COMPRESSOR CO LTD (SA4882)	HDL200D	For models HZB-30F and HZB-38F: 115V~, 60Hz, R600a	cURus
			NINGBO ANUODAN MACHINERY CO LTD (SA33342)	QD32R11	For models HZB-30F and HZB-38F: 110-120V, 60Hz, R290. With 12μF running capacitor.	cURus
3.4, 3.4a	3.09 a	Running capacitor for compressor (Not shown)	FUXIN JIEKEDA (E212600)	CBB series	Min.125V, 12μF for QD32R11	cURus
			Ning Guo Yuhua (E317866)	CBB65 CBB65-A	Min.125V, 12μF for QD32R11	cURus
			Anhui Feida (E241095)	CBB65A-2	Min.125V, 12μF for QD32R11	cURus
			Anhui Tongfeng (E187356)	CBB65	Min.125V, 12μF for QD32R11	cURus
			Shanghai Haoye (E218344)	MKPseries CBB65D	Min.125V, 12μF for QD32R11	cURus
			ANHUI JUAN KUANG (E205685)	CBB65 CBB64A	Min.125V, 12μF for QD32R11	cURus
			GUANGDONG FENGMING (E307429)	CBB60B-P2 CBB61-P2 CBB61	Min.125V, 12μF for QD32R11	cURus
			Various	Various	min.125V, 12μF for QD32R11	cURus
3.3	3.10	Condenser Coil	NINGBO HICON	Various	Copper, outside diameter 7mm, thickness 0.31mm	NR
3.3	3.11	Ice Melting Valve (Not Shown)	ZHEJIANG SANHUA (MH29234)	FDF2A series	110V/115V/120V/110-120V, 50/60Hz	cURus
			ZHEJIANG ZHONGBAO (E254164)	FDF2A FDF2A-02C	110V/115V/120V/110-120V, 50/60Hz	cURus
			CHANGZHOU CHANGHENG LUSI (MH30067)	DTF-1	110V/115V/120V/110-120V, 50/60Hz, only for USA	UL
				DTF-1-2A	110V/115V/120V/110-120V, 50/60Hz	cURus
				FDF-2A	110V/115V/120V/110-120V, 50/60Hz	cURus
			ANHUI TIANHAO (MH47312)	FDF-2A	110V, 50/60Hz	cURus
				FDF-4A		
			Changzhou Weigeer (MH64645)	FDF-2A12	110-120V, 50/60Hz	cURus
3.5	3.12	Water Pump (Not Shown)	ZHEJIANG DUNAN(E253737)	FDF2A	110V, 50/60Hz	cURus
			GUANGDONG ZHENHUA (E207329)	AP1200	120V, 60Hz, 8.5W	cURus
			Yuyao Lizhou (ETL4006273)	AP-601	100-127VAC, 60Hz, 0.15A	cETLus

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
3.6	3.13	Across-the-line Capacitor	JIMSON (E152288)	MKP	0.1μF or 0.22μF, min. 250V	cURus
			JENN SHEN (E184650)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			DAIN (E147776)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			ANHUI TONG FENG (E214748)	MKP	0.1μF or 0.22μF, min. 250V	cURus
			FU XIN PAN OCEAN (E352735)	MPX-X2	0.1μF or 0.22μF, min. 250V	UR
			Ultra Tech Xiphi Enterprise (E183780)	HQX	0.1μF or 0.22μF, min. 250V	cURus
			Carli Electronics (E120045)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			TENTA (E222911)	MEX	0.1μF or 0.22μF, min. 250V	cURus
			GUANGDONG FENGMING (E345487)	MKP-X2	0.1μF or 0.22μF, min. 250V	cURus
			Songtian Enterprise (E208107)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			SHENZHEN JING YU (E230035)	CBBX2	0.1μF or 0.22μF, min. 250V	cURus
			EUROPTRONIC (TAIWAN) INDUSTRIAL CORP (E211347)	MPX2	0.1μF or 0.22μF, min. 250V	cURus
			ZHUHAI SUNG HO (E327138)	CMPP	0.1μF or 0.22μF, min. 250V	cURus
			KNSCHA ELECTRONICS (E477850)	MPX/MKP	0.1μF or 0.22μF, min. 250V	cURus
			XIAMEN FARATRONIC (E186600)	MKP62	0.1μF or 0.22μF, min. 250V	cURus
			GUANGZHOU YES (E355933)	MPX/MKP	0.1μF or 0.22μF, min. 250V	cURus
			JYH HSU (JEC) (E356696)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			HUIZHOU RONGDA (E362358)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			QI RONG (E492807)	MKP	0.1μF or 0.22μF, min. 250V	cURus
			DONGGUAN CHENG DONG (E495826)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			SINHUA ELECTRONICS (HUZHOU) (E237560)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			SHENZHEN SINCERITY (E319615)	MPX/MKP	0.1μF or 0.22μF, min. 250V	cURus

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
			DONGGUAN JURCC (E343072)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			DONGGUAN YUANSHENG (E522434)	MPX/MKP	0.1μF or 0.22μF, min. 250V	cURus
			Dongguan QinHong (QNR) (E488626)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			Various	Various	0.1μF or 0.22μF, min. 250V	cURus
3.6	3.14	Varistor	CHENGDU TIEDA (E334320)	MYN12-331K	330V	cURus
			FENG HUA ADVANCE (E325462)	FNR10K331	330V	UL, CSA
			KESTAR ELECTRONIC (CHINA) (E328106)	MYG10-331	330V	UL, CSA
			DONGGUAN LITTELFUSE ELECTRONICS CO LTD	VDR-10D331K	330V	UL, CSA
				MOV-10D331K		
			EPCOS (ZHUHAI FTZ) CO LTD	(SIOV-) S10K320	320V	UL, CSA
			HONGZHI ENTERPRISES LTD	HEL-10D331	330V	UL, CSA
			XIAN XIWUER (E321175)	MYD-10K331	330V	cURus
			CAPATRONICS ELECTRONICS (KUNSHAN) CO LTD	CVR10N331K	330V	cURus
			NANJING JOCOL ELECTRONICS TECHNOLOGY CO LTD	10D331K	330V	cURus
			CERAMATE (E315429)	GNR 10D331K	330V	cURus
				GNR 14D331K		
				NFV 10D331K		
				NFV 14D331K		
			GUANGXI NEW FUTURE (E323753)	NFC10D331K	330V	cURus
			THINKING ELECTRONIC (E314979)	TVR10331	330V	cURus
			Centra Science Corp (E316325)	CNR-10D331K	330V	cURus
			DONGGUAN CITY JIANKUN (E489693)	10D331K	330V	cURus
			JYH HSU(JEC) (E486000)	10D331K	330V	cURus

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
			Zhejiang Huangyan Sailing (E329714)	MYG10K331	330V	cURus
			HUIZHOU SONGLONGXINDIAN (E359158)	10D331K	330V	cURus
			GUANGZHOU YES (E491744)	V-331K-10D	330V	cURus
				V-331K-10DEH	330V	cURus
			GUANGDONG HUIWAN (E480104)	V-331K-10D	330V	cURus
				V-331K-10DEH	330V	cURus
			DONG GUAN CHENG DONG (E515504)	CDSPC-10D331K	330V	cURus
			XIAMEN SET (E322662)	SFV10D331K	330V	cURus
			SONGTIAN ENTERPRISE (E330837)	10D331K	330V	cURus
			GUANGDONG SOUTH HONGMING (E321851)	ZVR10D331	330V	cURus
			SHENZHEN CHUANG NA (E477910)	CVR-10D331K	330V	cURus
			LUZHOU SINCERITY (E529390)	MYD-10K331	330V	cURus
			SUZHOU XINHONGGAO (E533900)	HXR 10D331K	330V	cURus
			Dongguan Jiayi (E517636)	JNR 10D331K JNR 10D331KH	330V	cURus
			Fujian Qiaoguang (E507891)	FTR10D331K	330V	cURus
			YU FEI TE (E515299)	YFT 10D331K	330V	cURus
			Dongguan Qin hong (QNR) (E495834)	QNR-10D331K	330V	cURus
			Various	Various	330V	cURus

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
3.6	3.15	Fuse (glass tube type)	HOLLYLAND CO	50F/51S/51NM	250V, 3.15A, 5×20mm	cURus
			LITTELFUSE INC	618	250V, 3.15A, 5×20mm	cURus
			EVER ISLAND ELECTRIC CO LTD & WALTER ELECTRIC	2000	250V, 3.15A, 5×20mm	cURus
			SHANGHAI SONGSHAN ELECTRONICS CO LTD	218	250V, 3.15A, 5×20mm	cURus
			ZHONG SHAN LANBAO (E213695)	RFI-20	250V, 3.15A, 5×20mm	cURus
			XC (SHENZHEN) (E249609)	5T/5F/5H/5G/5T E	250V, 3.15A, 5×20mm	cURus
			SHENZHEN LANSON (E221465)	5K, 3K, 5M, 5N	250V, 3.15A, 5×20mm	cURus
			Various	Various	3.15A, 125/250V, 5×20mm	cURus
3.6a	3.27	Fuse (micro type to be alternative)	HOLLYLAND CO LTD	5EF	3.15A, 250V, secured to PWB by soldering of pigtail leads	cURus
			SHANGHAI FULLNESS (E485357)	TSP	3.15A, 250V	cURus
			DONGGUAN BETTER (E300003)	932	3.15A, 250V	cURus
			DONGGUAN CHEVRON (E358589)	SET	3.15A, 250V	cURus
			SUZHOU WALTER (E56092)	2010	3.15A, 250V	cURus
			CONQUER (E82636)	MST	3.15A, 250V	cURus
			XC (SHENZHEN) (E249609)	5TE	3.15A, 250V	cURus
			HONG HU BLUELIGHT (E324232)	6ET	3.15A, 250V	cURus
			XIAMEN SET (E345932)	SPT478	3.15A, 250V	cURus
			SHENZHEN LANSON (E221465)	SMT/SPT	3.15A, 250V	cURus
			Various	Various	3.15A, 125/250V	cURus

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
3.6	3.16	Quick-connect Terminals (Not Shown)	JAPAN SOLDERLESS TERMINAL MFG CO LTD	SRSF-61-250A	AC 250V	cURus
			KOREA ELECTRIC TERMINAL CO LTD	ST730-135	AC 250V	cURus
			JIAN HUI METAL PLASTIC PART	J704-BS	AC 250V	cURus
				J707-BS	AC 250V	cURus
			ZHEJIANG YUEQING CHANGDECHEN G ELECTRONIC CO LTD	HC621-6.3	AC 250V	cURus
			K S TERMINALS INC	FDFNYD2-250	AC 250V	cURus
			SHUN SHENG TERMINAL MFG LTD	751-BS	AC 250V	cURus
				751A-BS		
				752-BS		
				71155-BS		
				7615-BS		
				710-BS		
				712-BS		
			TYCO ELECTRONICS CORP	63232	AC 250V	cURus
				63313		
				250		
			ZHEJIANG NADELI ELECTRONICS CO LTD	NL6.3A-005	AC 250V	UR
			YUEQING JIADE ELECTRONICS CO LTD	FAF-250W	AC 250V	cURus
				FAF-250WS		
				FAF-250Z		
				FAF-250ZS		
			Various	Various	AC 250V	cURus

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
3.6	3.17	Relay	GOODSKY	RWH-SH-112DM	Min.5A, 120V/250V, 10E4, secured to PWB by soldering	cURus
			XIAMEN HONGFA (E134517)	JQC-3FF HF3FF	Min.5A, 125V/250V/277V, 10E4	cURus
			NINGBO SONGLE (E167996)	SRD-12VDC-SL-A	Min.10A, 125V, 10E4	cURus
			DONGGUAN SANYOU (E190598)	SRD-S-112DM series SRD-SH-112DM series	Min.5A, 125V or 250V, 10E4	cURus
			HSIN DA (E162117)	982-1A-12D	Min.10A, 125V or 5A, 250V, 10E4	cURus
			SONG CHUAN (E88991)	833H-1C-C	Min.10A, 125V, 10E4	cURus
			QUN LI (E151736)	JQC-3FB	Min.10A, 120V or 5A, 250V, 10E4	cURus
			NINGBO JINTIAN RELAY CO LTD	JQC-3FF HF3FF	Min.5A, 120V or 125V, 10E4	cURus
			NINGBO ZETTLER (E319069)	JQC-3FF HF3FF	Min.5A, 120V/125V/250V/277V, 10E4	cURus
			ZHEJIANG MEISHUO (E313266)	MPA-S-112-A	Min.5A, 125V/240V/250V, 10E4	cURus
			NINGBO TIANBO GANGLIAN (E173485)	HJR-3FF	Min.10A, 125V, 10E4	cURus
			WANGRONG ELECTRONICS (SHENZHEN) (E345228)	RD-112DM-A-S	Min 5A, 250/227V, 10E4.	cURus
			NINGBO HUILONGCANG (E215689)	973-12VDC-SL-A	Min 5A,125V/ 250V, 10E4.	cURus
			Shenzhen Golden Electrical (E321783)	GH-1A-12LSFT	Min.5A, 125V/250V/277V, 10E4	cURus

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
3.6	3.18	Main PWB	NAN YA PLASTICS CORP CCL DEPT ELECTRONIC MATERIAL DIV	CEM-3-86/92/95	1.5mm thickness, V-0, 130°C	URus
			YAT TAO CHEMICAL HOLDINGS (HK) LTD	KH-111F (FR-1)	1.5mm thickness, V-0, 130°C	URus
			SHANGHAI NANYA COPPER CLAD LAMINATES CO	SN-L1	1.5mm thickness, V-0, 130°C	URus
				SN-L2		
				SN-P1		
				SN-P2		
			CHANGZHOU SHUANGJIN	CCEM-1	1.5mm thickness, V-0, 130°C	URus
				CFR-1		
			ZHEJIANG WENZHOU TIANCHEN ELECTRONICS	TC-1	1.5mm thickness, V-0, 130°C	URus
			SHANDONG JINBAO (E141940)	ZD-90F	1.5mm thickness, V-0, 130°C	URus
				ZD-98F		
			Cixi Qingbao Electronic (E321750)	FR1	1.5mm thickness, V-0, 130°C	cURus
			CHANGZHOU KELONG (E248439)	JC-2	1.5mm thickness, V-0, 130°C	URus
			ZHEJIANG CORE POINT(E477843)	XT-02	1.5mm thickness, V-0, 130°C	URus
			Jiangxi Fan Li Sheng (E471141)	YFL-D or FLS-D	1.5mm thickness, V-0, 130°C	URus
			WENZHOU HUABANG (E251053)	H-01, H02	1.5mm thickness, V-0, 130°C	URus
			Anhui Dongou (E473856)	SY-S, SYDZ520	1.5mm thickness, V-0, 130°C	URus
			KINGBOARD (E123995)	KB series	1.5mm thickness, V-0, 130°C	URus
			GUANGDE YINGFEITE (E466867)	YFT2	1.5mm thickness, V-0, 130°C	URus
			ZHEJIANG YUNKAI (E466488)	YKPCB-2	1.5mm thickness, V-0, 130°C	URus
			JIANGSU ZHONGSHUN (E512075)	ZS-SD	1.5mm thickness, V-0, 130°C	URus
			HuBei GongMing Circuits(E365663)	GF212	1.5mm thickness, V-0, 130°C	URus
			Guangde anbang (E500792)	AB-S	1.5mm thickness, V-0, 130°C	cURus

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
			SHANGHAI GLOBAL (E224772)	ILM-R1	Thickness: 1.5mm, V-0, 130°C	URus
			GOLDENMAX (ZHUHAI) (E330731)	ILM-R1	Thickness: 1.5mm, V-0, 130°C	URus
			GOLDENMAX (HANGZHOU) (E134893)	ILM-R1	Thickness: 1.5mm, V-0, 130°C	URus
			SHENZHEN STARIVER (E258603)	SR-01A	Thickness: 1.5mm, V-0, 130°C	URus
			Viafine PCB Ltd (E466925)	VF-D	Thickness: 1.5mm, V-0, 130°C	URus
			SHENZHEN TONGCHUANGXI N (E250336)	TCX TCX-2	Thickness: 1.5mm, V-0, 130°C	URus
			SHENZHEN ZHONG LUO (E255554)	ZL-02	Thickness: 1.5mm, V-0, 130°C	URus
			Jiangxi Dongxun Precision (E530605)	DX-D	Thickness: 1.5mm, V-0, 130°C	URus
			Sui Ning Rui Jie Xing (E493761)	RJX-D	Thickness: 1.5mm, V-0, 130°C	URus
			Various	Various	1.5mm thickness, V-0, 130°C	URus
3.6	3.19	Switching Transformer	Various	Various	EF20 with thickness 5.3mm by width 20.6mm by length 20.2mm, bobbin min. 1.6mm thickness. Primary winding Ø0.25mm, 152turns, type MW79, rated min. 155°C, measured 1.82Ω at 21°C. Sec. winding 3 layers insulated wire Ø0.5*2mm, 15turns, rated min. 130°C, measured 0.033 Ω at 21°C. Vcc winding Ø0.25mm, 20turns, rated min. 155°C, measured 0.82 Ω at 21°C	NR
			Various	Various	EE16L with thickness 9.8mm by width 17.0mm by length 15.5mm, bobbin min. 1.6mm thickness. Primary winding Ø0.32mm, 66turns, type MW79, rated min. 155°C, measured 0.54Ω at 25°C. Sec. winding 3 layers insulated wire Ø0.70mm, 7turns, rated min. 130°C, measured 0.015 Ω at 25°C. Vcc winding Ø0.32mm, 9turns, rated min. 155°C, measured 0.089 Ω at 25°C. This alternative component does not need optical isolater as feedback, item 3.20shall be removed when used.	NR

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
3.6	3.20	Optical Isolators	EVERLIGHT ELECTRONICS	817 series EL817 series	Providing 5000Vac isolation	cURus
			SHARP CORP ELECTRONIC COMPONENTS AND DEVICES GROUP	PC817 series	Providing 5000Vac isolation	UR
			FAIRCHILD SEMICONDUCTOR CORP	FOD817 series	Providing 5000Vac isolation	cURus
			LITE-ON Technology Corporation (E113898)	LTV-817 series	Providing 5300Vac isolation.	cURus
			SHENZHEN ORIENT (E323844)	OR817 series	Providing 5000Vac isolation.	cURus
			BRIGHT LED ELECTRONICS CORP	BPC-817 series	Providing 5000Vac isolation	cURus
3.6	3.21	Y Capacitor	JYH CHUNG ELECTRONICS CO LTD	JY	250V, 1.0nF or 2.2nF. 1 piece connected in series across pri. and sec. by soldering	cURus
			JYH HSU (JEC) ELECTRONICS LTD (E356696)	JY series JD series	Min. 250V, 1.0nF or 2.2nF	cURus
			SHENZHEN SONGTE (E302622)	CT7	Min. 250V, 1.0nF or 2.2nF	cURus
			SONGTIAN ENTERPRISE (E208107)	CE series CD series	Min. 250V, 1.0nF or 2.2nF	cURus
			TDK CORPORATION (E37861)	CS CD	Min. 250V, 1.0nF or 2.2nF	cURus
			GUANGDONG SOUTH HONGMING (E154899)	F	Min. 250V, 1.0nF or 2.2nF	cURus
			Murata Manufacturing (E37921)	KJ series SA series	Min. 250V, 1.0nF or 2.2nF	cURus
			Xiamen Wanming (E221839)	HJ series	Min. 250V, 1.0nF or 2.2nF	cURus
			Guangdong Fenghua (E219015)	CT7-Y1 CT7-Y2	Min. 250V, 1.0nF or 2.2nF	cURus
			XIAMEN FARATRONIC (E186600)	MKP63	Min. 250V, 1.0nF or 2.2nF	cURus
			DONGGUAN QINHONG(QNR) (E488626)	CT7	Min. 250V, 1.0nF or 2.2nF	cURus
			DONG GUAN CITY JIANKUN (E340699)	JK	Min. 250V, 1.0nF or 2.2nF	cURus

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
			KNSCHA (E477850)	JK	Min. 250V, 1.0nF or 2.2nF	cURus
			XIAMEN SINO FAITH(E328673)	HCX	Min. 250V, 1.0nF or 2.2nF	cURus
			GUANGZHOU YES (E355933)	AR	Min. 250V, 1.0nF or 2.2nF	cURus
			Haohua Electronic Co. (E233106)	CT7	Min. 250V, 1.0nF or 2.2nF	cURus
			JYA-NAY CO LTD (E201384)	JY Series	Min. 250V, 2.2nF.	cURus
			Suzhou Jiarong (E201384))	YB	Min. 250V, 2.2nF.	cURus
			Various	Various	Min. 250V, 1.0nF or 2.2nF	cURus
3.6	3.22	Triacs for Electronic Switch	JIANGSU DONGGUANG MICRO-ELECTRONICS STOCK CO LTD	MAC97A6/BT131	0.6A	UR
			JIANGSU JIEJIE MICROELECTRONICS CO LTD	MAC97A6/JST131/BT131	0.6A	UR
			PHILIPS	MAC97A6/BT131	0.6A	NR
			ON SEMICONDUCTOR	MAC97A6/BT131	0.6A	NR
			UNISONIC TECHNOLOGIES CO LTD	MAC97A6/BT131	0.6A	NR
			FUXIN MICROELECTRONICS CO.LTD	97A6/BT131	0.6A	NR
			Shenzhen King Technology Co., Ltd.	97A6/ADS1D80	0.6A	NR
			QIDONG JILAI ELECTRONICS CO., Ltd	MAC97A8/MAC97A6/BT131/F0105-8V	0.6A	NR
			JILIN SINOMICRO ELECTRONICS CO LTD	Z0607NS	0.6A	NR
			SHENZHEN XCH SEMICONDUCTORS CO.,LTD	BT131 Series	0.6A	NR
			Jiangsu Weida Semiconductor	BT131 Series	0.6A	NR
			Various	Various	0.6A	NR

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
3.6	3.23	Optical Isolators for Electronic Switch	LITE-ON TECHNOLOGY CORP	MOC-3021 series	Providing 5000V isolation	cURus
			FAIRCHILD SEMICONDUCTOR CORP	MOC3021 series	Providing 3750V isolation	cURus
			EVERLIGHT ELECTRONICS CO LTD	EL3021 series	Providing 5000V isolation	cURus
				ELT3021 series		
			SHARP CORP ELECTRONIC COMPONENTS AND DEVICES GROUP	1S3021 seires	Providing 5000V isolation	cURus
			SHENZHEN ORIENT COMPONENTS (E323844)	ORMOC3021S series	Providing 5000V isolation	cURus
			JIEJIE MICROELECTRONICS (Shenzhen) (E521485)	JOC3021 series	Providing 5000V isolation	cURus
			CT Microelectronics Far East (E364000)	CT3021 seires	Providing 5000V isolation	cURus
			Various	Various	Providing 5000V isolation	cURus
3.8, 3.9, 2.21, 2.22, 3.10	3.24	Ice Making Module	NINGBO HICON	Various	Copper plate, Thickness: Min 0.8mm	NR

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
3.1	3.25	Marking Label (Not Shown)	KUNSHAN DAVID PRINTING & STATIONARY CO LTD	TL-400	60°C	URus
			HANGZHOU HENGBO LABEL CO LTD	JH-1	60°C	cURus
			YUETAI PRINTING &	YT99601	80°C	cURus
				YT99601A		
			TAIZHOU LUQIAO WU WEN PRINTING FACTORY	WW-02	80°C	URus
			YUYAO KANGDA ELECTRON PRINTING CO LTD	KD125	80°C	URus
			AVERY (CHINA) CO LTD	PET TC/S333	80°C	URus
			YUYAO CHENGQU	ST-010	80°C	URus
				SY-010		
			Various	Various	60°C	cURus
3.5, 3.5a	3.26	Water Inlet Valve	JIA YIN INC	JYSF-15	DC12V	NR
			DUOJIA KEJI	YS-DCF-J2	DC12V, 6W.	NR
			YUYAO PURO	PURO-XD-12	DC12V, 6.5W	NR
3.5a	3.28	Self-priming water pump	DUOJIA KEJI	DJGM-2	DC12V, 5W.	NR
			Ningbo Hebang Motor	DJGM-2	DC12V, 5W.	NR
4.6	4.01	Condenser Fan Motor	XINRUILIAN	RDH1225S	DC12V, 0.4A	cURus
			SHENZHEN HUAXIA HENGTAI (E254715)	YM1212PTS1	DC12V, 0.27A	cURus
			ZHONGSHAN HENGSHAN PLASTIC PRODUCTS CO LTD	FS120252H	DC12V, 0.3A	cURus
			YATE LOON (E189702)	D12SH-12	DC12V, 0.3A	cURus
			YOUNG LIN TECH CO LTD	DFS122512H	DC12V, 0.28A	cURus
			SHENZHEN POWERYEAR (E348858)	PY-1225H12S	DC12V, 0.35A	cURus
4.8	4.02	Ice Making Module	NINGBO HICON	Various	Copper plate, Thickness: Min 0.8mm	NR

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
4.10 , 4.11 b	4.03	Compressor	SECOP	SCE18CNLX	115V, 60Hz, R290. With 280uF starting capacitor and 23.5uF Optional running capacitor.For HZB-160F	cURus
			SECOP	SCE21CNLX	115V, 60Hz, R290With 410uF starting capacitor and 23.5uF Optional running capacitor.For HZB-190F	cURus
4.10 , 4.11 b	4.03 a	Starting capacitor for compressor (Not shown)	FUXIN JIEKEDA (E212600)	CD60	Min.125V, 280uF for SCE18CNLX; 410uF for SCE21CNLX	cURus
			HUANGSHAN ZHENZHOU (E473480)	DC60 Series	Min.125V, 280uF for SCE18CNLX; 410uF for SCE21CNLX	cURus
			Shanghai Haoye (E218344)	MSC-1/MKP series	Min.125V, 280uF for SCE18CNLX; 410uF for SCE21CNLX	cURus
			KEMET(SUZHOU) (E497021)	MD12	Min.125V, 280uF for SCE18CNLX; 410uF for SCE21CNLX	cURus
			Various	Various	Min.125V, 280uF for SCE18CNLX; 410uF for SCE21CNLX	cURus
4.10 , 4.11 b	4.03 b	Running capacitor for compressor (Not shown)	FUXIN JIEKEDA (E212600)	CBB series	Min.125V, 23.5uF for SCE18CNLX and SCE21CNLX	cURus
			Ning Guo Yuhua (E317866)	CBB65 CBB65-A	Min.125V, 23.5uF for SCE18CNLX and SCE21CNLX	cURus
			Anhui Feida (E241095)	CBB65A-2	Min.125V, 23.5uF for SCE18CNLX and SCE21CNLX	cURus
			Anhui Tongfeng (E187356)	CBB65	Min.125V, 23.5uF for SCE18CNLX and SCE21CNLX	cURus
			Shanghai Haoye (E218344)	MKPseries CBB65D	Min.125V, 23.5uF for SCE18CNLX and SCE21CNLX	cURus
			ANHUI JUAN KUANG (E205685)	CBB65 CBB64A	Min.125V, 23.5uF for SCE18CNLX and SCE21CNLX	cURus
			GUANGDONG FENGMING (E307429)	CBB60B-P2 CBB61-P2 CBB61	Min.125V, 23.5uF for SCE18CNLX and SCE21CNLX	cURus
			Various	Various	Min.125V, 23.5uF for SCE18CNLX and SCE21CNLX	cURus
4.12	4.04	Water Inlet Valve	JIA YIN INC	JYSF-15	DC12V	NR
			DUOJIA KEJI	YS-DCF-J2	DC12V, 6W.	NR
			YUYAO PURO	PURO-XD-12	DC12V, 6.5W	NR
4.13	4.05	Water Pump	GUANGDONG ZHENHUA (E207329)	AP1200	120V, 60Hz, 8.5W	cURus
			Yuyao Lizhou (ETL4006273)	AP-601	100-127VAC, 60Hz, 0.15A	cETLus
4.14	4.06	Ice Melting Valve	ANHUI TIANHAO REFRIGERATING EQUIPMENT CO LTD	FDF6A	110V, 50/60Hz	cURus

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
4.14	4.07	PWB Box	LG CHEMICAL LTD	AF312B	ABS, 2.5mm thickness, rated 5VA, RTI(75 70 75)	cURus
				AF365F	ABS, 2.0mm thickness, rated 5VA, RTI(85 85 80)	cURus
			CHI MEI CORPORATION	PA-765	ABS, 2.5mm thickness, rated 5VA, RTI(80 80 80)	cURus
				PA-765A	5VA, RTI(80 80 80)	cURus
4.16	4.08	Relay for Compressor	NINGBO ZETTLER (E319069)	JT105F series	Min 15A, 240V, 10E4	cURus
			XIAMEN HONGFA (E134517)	HF105F series	Min 15A, 240V, 10E4	cURus
			ZHEJIANG MEISHUO (E358149)	MPQ1-S-112D-A	Min 15A, 240V, 10E4	cURus
			Shanxi Qunli (E151736)	JQX-15F series	Min 15A, 240V, 10E4	cURus
			WANGRONG (SHENZHEN) (E345228)	RA1-112LM	Min 15A, 250V, 10E4	cURus
4.16	4.09	Across-the-line Capacitor	JIMSON (E152288)	MKP	0.1μF or 0.22μF, min. 250V	cURus
			JENN SHEN (E184650)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			DAIN (E147776)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			ANHUI TONG FENG (E214748)	MKP	0.1μF or 0.22μF, min. 250V	cURus
			FU XIN PAN OCEAN (E352735)	MPX-X2	0.1μF or 0.22μF, min. 250V	UR
			Ultra Tech Xiphi Enterprise (E183780)	HQX	0.1μF or 0.22μF, min. 250V	cURus
			Carli Electronics (E120045)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			TENTA ELECTRIC (E222911)	MEX	0.1μF or 0.22μF, min. 250V	cURus
			GUANGDONG FENGMING (E345487)	MKP-X2	0.1μF or 0.22μF, min. 250V	cURus
			Songtian Enterprise (E208107)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			SHENZHEN JING YU (E230035)	CBBX2	0.1μF or 0.22μF, min. 250V	cURus
			EUROPTRONIC (TAIWAN) (E211347)	MPX2	0.1μF or 0.22μF, min. 250V	cURus
			ZHUHAI SUNG HO (E327138)	CMPP	0.1μF or 0.22μF, min. 250V	cURus
			KNSCHA ELECTRONICS (E477850)	MPX/MKP	0.1μF or 0.22μF, min. 250V	cURus

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
			XIAMEN FARATRONIC (E186600)	MKP62	0.1μF or 0.22μF, min. 250V	cURus
			GUANGZHOU YES (E355933)	MPX/MKP	0.1μF or 0.22μF, min. 250V	cURus
			JYH HSU (JEC) (E356696)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			HUIZHOU RONGDA (E362358)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			QI RONG (E492807)	MKP	0.1μF or 0.22μF, min. 250V	cURus
			DONGGUAN CHENGDDONG (E495826)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			SINHUA ELECTRONICS (HUZHOU) (E237560)	MPX	0.1μF or 0.22μF, min. 250V	cURus
			SHENZHEN SINCERITY (E319615)	MPX/MKP	0.1μF or 0.22μF, min. 250V	cURus
			DONGGUAN JURCC (E343072)	MPX	0.1μF or 0.22μF or 0.33μF, min. 250V	cURus
			DONGGUAN YUANSHEG (E522434)	MPX/MKP	0,1μF, 0.33μF, 0.33μF, min. 250V	cURus
			Dongguan Qinrong (QNR) (E488626)	MPX	0,1μF, 0.33μF, 0.33μF, min. 250V	cURus
			Various	Various	0.1μF or 0.22μF, min. 250V	cURus
			CHENGDU TIEDA (E334320)	MYN12-331K	330V	cURus
			FENG HUA ADVANCE (E325462)	FNR10K331	330V	UL, CSA
			KESTAR ELECTRONIC (CHINA) (E328106)	MYG10-331	330V	UL, CSA
			DONGGUAN LITTELFUSE	VDR-10D331K MOV-10D331K	330V	UL, CSA
			EPCOS (ZHUHAI FTZ) CO LTD	(SIOV-) S10K320	320V	UL, CSA
			HONGZHI ENTERPRISES LTD	HEL-10D331	330V	UL, CSA
			XIAN XIWUER (E321175)	MYD-10K331	330V	cURus
			CAPATRONICS ELECTRONICS (KUNSHAN) CO LTD	CVR10N331K	330V	cURus

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
4.16	4.10	Varistor	NANJING JOCOL ELECTRONICS TECHNOLOGY CO LTD	10D331K	330V	cURus
			CERAMATE (E315429)	GNR 10D331K	330V	cURus
				GNR 14D331K		
				NFV 10D331K		
				NFV 14D331K		
			GUANGXI NEW FUTURE (E323753)	NFC10D331K	330V	cURus
			THINKING ELECTRONIC (E314979)	TVR10331	330V	cURus
			Centra Science Corp (E316325)	CNR-10D331K	330V	cURus
			DONGGUAN KNSCHA (E489693)	CVR-10D331K	330V	cURus
			JYH HSU(JEC) (E486000)	10D331K	330V	cURus
			Zhejiang Huang yan Sailing (E329714)	MYG10K331	330V	cURus
			HUIZHOU SONGLONGXINDIAN (E359158)	10D331K	330V	cURus
			GUANGZHOU YES (E491744)	V-331K-10D	330V	cURus
				V-331K-10DEH	330V	cURus
			GUANGDONG HUIWAN (E480104)	V-331K-10D	330V	cURus
				V-331K-10DEH	330V	cURus
			DONG GUAN CHENG DONG (E515504)	CDSPC-10D331K	330V	cURus
			SONGTIAN ENTERPRISE (E330837)	10D331K	330V	cURus
			GUANGDONG SOUTH HONGMING (E321851)	ZVR10D331	330V	cURus
			LUZHOU SINCERITY (E529390)	MYD-10K331	330V	cURus
			SUZHOU XINHONGGAO (E533900)	HXR 10D331K	330V	cURus
			Dongguan Jiayi (E517636)	JNR 10D331K JNR 10D331KH	330V	cURus
			Fujian Qiaoguang (E507891)	FTR10D331K	330V	cURus
			YU FEI TE (E515299)	YFT 10D331K	330V	cURus

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
4.16	4.11	Fuse	Dongguan Qinhong (QNR) (E495834)	QNR-10D331K	330V	cURus
			Various	Various	330V	cURus
			HOLLYLAND CO	50F/51S/51NM	250V, 3.15A, 5×20mm	cURus
			LITTELFUSE INC	618	250V, 3.15A, 5×20mm	cURus
			EVER ISLAND ELECTRIC CO LTD & WALTER ELECTRIC	2000	250V, 3.15A, 5×20mm	cURus
			SHANGHAI SONGSHAN ELECTRONICS CO LTD	218	250V, 3.15A, 5×20mm	cURus
			ZHONG SHAN LANBAO (E213695)	RFI-20	250V, 3.15A, 5×20mm	cURus
			XC (SHENZHEN) (E249609)	5T/5F/5H/5G/5TE	250V, 3.15A, 5×20mm	cURus
			SHENZHEN LANSON (E221465)	5K, 3K, 5M, 5N	250V, 3.15A, 5×20mm	cURus
			Various	Various	3.15A, 125/250V, 5×20mm	cURus
			HOLLYLAND CO LTD	5EF	3.15A, 250V, secured to PWB by soldering of pigtail leads	cURus
			SHANGHAI FULLNESS (E485357)	TSP	3.15A, 250V	cURus
			DONGGUAN BETTER (E300003)	932	3.15A, 250V	cURus
			DONGGUAN CHEVRON (E358589)	SET	3.15A, 250V	cURus
			SUZHOU WALTER (E56092)	2010	3.15A, 250V	cURus
			CONQUER ELECTRONICS (E82636)	MST	3.15A, 250V	cURus
			XC (SHENZHEN) (E249609)	5TE	3.15A, 250V	cURus
			HONG HU BLUELIGHT (E324232)	6ET	3.15A, 250V	cURus
			SHENZHEN LANSON (E221465)	SMT/SPT	3.15A, 250V	cURus
			Various	Various	3.15A, 250V	cURus

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
4.16	4.12	Main PWB	NAN YA PLASTICS CORP CCL DEPT ELECTRONIC MATERIAL DIV	CEM-3-86/92/95	1.5mm thickness, V-0, 130°C	URus
			YAT TAO CHEMICAL HOLDINGS (HK) LTD	KH-111F (FR-1)	1.5mm thickness, V-0, 130°C	URus
			SHANGHAI NANYA COPPER CLAD LAMINATES CO	SN-L1	1.5mm thickness, V-0, 130°C	URus
				SN-L2		
				SN-P1		
				SN-P2		
			CHANGZHOU SHUANGJIN	CCEM-1	1.5mm thickness, V-0, 130°C	URus
				CFR-1		
			ZHEJIANG WENZHOU TIANCHEN ELECTRONICS	TC-1	1.5mm thickness, V-0, 130°C	URus
			SHANDONG JINBAO	ZD-90F	1.5mm thickness, V-0, 130°C	URus
				ZD-98F		
			CIXI WINNER-TECH ELECTRONIC TECHNOLOGY CO LTD	FR1	1.5mm thickness, V-0, 130°C	cURus
			CHANGZHOU KELONG ELECTRONICS CO LTD	JC-2	1.5mm thickness, V-0, 130°C	URus
			ZHEJIANG CORE POINT(E477843)	XT-02	1.5mm thickness, V-0, 130°C	cURus
			DONGGUAN FAN LI SHENG (E471141)	YFL-D orFLS-D	1.5mm thickness, V-0, 130°C	cURus
			WENZHOU HUABANG (E251053)	H-01, H02	1.5mm thickness, V-0, 130°C	cURus
			Guangde Sanyang (E473856)	SY-S, SYDZ520	1.5mm thickness, V-0, 130°C	cURus
			KINGBOARD (E123995)	KB series	1.5mm thickness, V-0, 130°C	cURus
			GUANGDE YINGFEITE (E466867)	YFT2	1.5mm thickness, V-0, 130°C	cURus
			ZHEJIANG YUNKAI (E466488)	YKPCB-2	1.5mm thickness, V-0, 130°C	cURus
			JIANGSU ZHONGSHUN (E512075)	ZS-SD	1.5mm thickness, V-0, 130°C	cURus
			HuBei GongMing Circuits(E365663)	GF212	1.5mm thickness, V-0, 130°C	cURus

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
			Guangde anbang (E500792)	AB-S	1.5mm thickness, V-0, 130°C	cURus
			Jiangxi Dongxun Precision (E530605)	DX-D	Thickness: 1.5mm, V-0, 130°C	cURus
			Sui Ning Rui Jie Xing (E493761)	RJX-D	Thickness: 1.5mm, V-0, 130°C	cURus
			Various	Various	1.5mm thickness, V-0, 130°C	URus
4.16	4.13	Switching Transformer	Various	Various	EF20 with thickness 5.3mm by width 20.6mm by length 20.2mm, bobbin min. 1.6mm thickness. Primary winding Ø0.25mm, 152turns, type MW79, rated min. 155°C, measured 1.82Ω at 21°C. Sec. winding 3 layers insulated wire Ø0.5*2mm, 15turns, rated min. 130°C, measured 0.033 Ω at 21°C. Vcc winding Ø0.25mm, 20turns, rated min. 155°C, measured 0.82 Ω at 21°C	NR
4.16	4.14	Switching Transformer	Various	Various	Vertical installed, vanish impregnated core. Primary winding Ø0.3mm, 84 turns, type MW75-C/2UEW QA-1, rated min. 130/155°C, measured 1.3Ω at 25°C. Sec. winding 3 layers insulated wire Ø0.5mm*2P, 12 turns, rated min. 130°C, measured 0.04Ω at 25°C. Vcc winding Ø0.25mm*2P, 15 turns, rated min. 155°C, measured 0.215Ω at 25°C. Class 120.	NR
4.16	4.15	Optical Isolators	EVERLIGHT ELECTRONICS	817 series EL817 series	Providing 5000Vac isolation	cURus
			SHARP CORP ELECTRONIC COMPONENTS AND DEVICES GROUP	PC817 series	Providing 5000Vac isolation	UR
			FAIRCHILD SEMICONDUCTOR CORP	FOD817 series	Providing 5000Vac isolation	cURus
			BRIGHT LED ELECTRONICS CORP	BPC-817 series	Providing 5000Vac isolation	cURus

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
4.16	4.16	Y Capacitor	JYH CHUNG ELECTRONICS CO LTD	JY	250V, 1.0nF or 2.2nF. 1 piece connected in series across pri. and sec. by soldering	cURus
			JYH HSU (JEC) ELECTRONICS LTD (E356696)	JY series JD series	Min. 250V, 1.0nF or 2.2nF	cURus
			SHENZHEN SONGTE (E302622)	CT7	Min. 250V, 1.0nF or 2.2nF	cURus
			SONGTIAN ENTERPRISE (E208107)	CE series CD series	Min. 250V, 1.0nF or 2.2nF	cURus
			TDK CORPORATION (E37861)	CS CD	Min. 250V, 1.0nF or 2.2nF	cURus
			GUANGDONG SOUTH HONGMING (E154899)	F	Min. 250V, 1.0nF or 2.2nF	cURus
			Murata Manufacturing (E37921)	KJ series	Min. 250V, 1.0nF or 2.2nF	cURus
			Xiamen Wanming (E221839)	HJR-3FF	Min. 250V, 1.0nF or 2.2nF	cURus
			Guangdong Fenghua (E219015)	CT7-Y1 CT7-Y2	Min. 250V, 1.0nF or 2.2nF	cURus
			XIAMEN FARATRONIC (E186600)	MKP63	Min. 250V, 1.0nF or 2.2nF	cURus
			MURATA MFG CO LTD (E37921)	SA	Min. 250V, 1.0nF or 2.2nF	cURus
			DONGGUAN QINHONG(QNR) (E488626)	CT7	Min. 250V, 1.0nF or 2.2nF	cURus
			DONG GUAN CITY JIANKUN (E340699)	JK	Min. 250V, 1.0nF or 2.2nF	cURus
			KNSCHA (E477850)	JK	Min. 250V, 1.0nF or 2.2nF	cURus
			XIAMEN SINO FAITH(E328673)	HCX	Min. 250V, 1.0nF or 2.2nF	cURus
			GUANGZHOU YES (E355933)	AR	Min. 250V, 1.0nF or 2.2nF	cURus
			Haohua Electronic Co. (E233106)	CT7	Min. 250V, 1.0nF or 2.2nF	cURus
			JYA-NAY CO LTD (E201384)	JY Series	Min. 250V, 2.2nF.	cURus
			Suzhou Jiarong (E201384))	YB	Min. 250V, 2.2nF.	cURus
			Various	Various	Min. 250V, 1.0nF or 2.2nF	cURus

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
4.16 a	4.17	Optical Isolators for Electronic Switch	LITE-ON TECHNOLOGY CORP	MOC-3021 series	Providing 5000V isolation	cURus
			FAIRCHILD SEMICONDUCTOR CORP	MOC3021 series	Providing 3750V isolation	cURus
			EVERLIGHT ELECTRONICS CO LTD	EL3021 series	Providing 5000V isolation	cURus
				ELT3021 series		
			SHARP CORP ELECTRONIC COMPONENTS AND DEVICES GROUP	1S3021 seires	Providing 5000V isolation	cURus
			SHENZHEN ORIENT COMPONENTS (E323844)	ORMOC3021S series	Providing 5000V isolation	cURus
			JIEJIE MICROELECTRONICS (Shenzhen) (E521485)	JOC3021 series	Providing 5000V isolation	cURus
			CT Microelectronics Far East (E364000)	CT3021 seires	Providing 5000V isolation	cURus
			Various	Various	Providing 5000V isolation	cURus
4.1	4.18	Ice storage box	NINGBO HICON	Various	Assembled with stainless steel external enclosure, PE plastic door, PE plastic internal surface and four metal legs. Foaming cyclopentane after complete assembly.	NR
4.4	4.19	Power Cord	Various	SJT	3*16AWG, 300V, VW-1, 1.8-3m length.	cULus or cETLus
4.4	4.20	Plug	Various	Various	NEMA 5-15P	cULus or cETLus
4.4	4.21	Internal wire	Various	1015/1007	22-16AWG, 300/600V, 105°C, bound well by cabel ties	cURus
4.6	4.23	Condenser coil	NINGBO HICON	Various	Copper, outside diameter 5mm, thickness 0.20mm for HZB-160F, HZB-190F	NR

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
4.16 a	4.22	Relay for water pump and Ice Melting Valve	GOOD SKY ELECTRIC CO LTD	GJ-SH-112DM	Min. 5A, 120/125V~, 10E4, T85	cURus
			XIAMEN HONGFA (E134517)	JZC-32F series	Min. 5A, 120/125V~, 10E4, T70	cURus
			NINGBO SONGLE (E167996)	SRSB-12Vdc-SL-A	Min. 4A, 120/125V~, 10E4, T85	cURus
			Sanyou (E190598)	SJ-S-112DM	Min. 5A, 120/125V~, 10E4, T85	cURus
			Ningbo Jinhai Electronic Co Ltd	JH32F	Min. 3A, 120/125V~, 10E4, T70	cURus
			ZHEJIANG MEISHUO (E358149)	MPD-S-112-A	Min.3A, 125V/240V/250V, 10E4, T85	cURus
			WANGRONG ELECTRONICS (SHENZHEN) (E345228)	RJ-SS-112DM1	Min. 3A, 240/250V/277~, 10E4, T85	cURus
			NINGBO ZETTLER (E319069)	JT32F	Min. 3A, 120/125V~, 10E4, T85	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.						
4) Item 1.** are specially used for models of HZB-13F series, HZB-18F series (HZB-13F, HZB-13F/L, HZB-13F/S, HZB-13F/SL, HZB-18F, HZB-18F/L, HZB-18F/S, HZB-18F/SL), HZB-13AF shown in Photos 1.**;						
5) Item 2.** are specially used for models HZB-36, HZB-36A, HZB-45, HZB-45/S, HZB-45A, HZB-65, HZB-65/S, HZB-90F, HZB-45M, HZB-45M/S shown in Photos 2.**;						
6) Item 3.** are specially used for models HZB-30F and HZB-38F shown in Photos 3.**.						
7) Item 4.** are specially used for models HZB-160F, HZB-190F shown in Photos 4.**.						