

Test Report

Report No.: GNB190604232-03EN

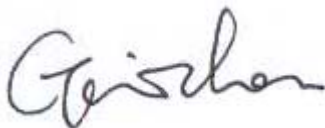
Date: 2019-07-17

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Applicant : Ningbo Kadeer Electrical Appliances Co., Ltd.
Address : Guanhaiwei Industry Development Zone, Cixi, Zhejiang, 315315 P.R.China
Sample Name : Air Cooler
Tested Model : FLS-L20V-1/JS
Model/Type reference : Please see Page 12
Sample Receiving date: : 2019-06-04
Test period : 2019-06-04 – 2019-07-04
Test Requirement : The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment, RoHS Directive 2011/65/EU and its amendment Directive (EU) 2015/863.
Test Method : Please refer to next page(s).
Test result : Please refer to next page(s).
Conclusion : Based on the verification results of the submitted sample(s), the results of Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(CrVI), Polybrominated biphenyls(PBBs), Polybrominated diphenyl ethers(PBDEs), Dibutyl phthalate(DBP), Butyl benzyl phthalate(BBP), Di-2-ethylhexyl phthalate(DEHP) and Di-iso-butyl phthalate(DIBP) content in the tested part(s) comply with the requirements as set by RoHS Directive 2011/65/EU and its amendment Directive (EU) 2015/863.
Note : The test results are related only to the tested items.

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Lab Manager: Gavin Zhou



2019-07-17

A. Pb, Cd, Cr(VI), Hg, PBBs&PBDEs

Test Method:

1. Disassembly, disjointment and mechanical sample preparation
 - Ref. to IEC 62321-2: 2013, Disassembly, disjointment and mechanical sample preparation.
2. With reference to IEC 62321-1: 2013, tests were performed for the samples indicated by the photos in this report.
 - (1) Screening – Lead, mercury, cadmium, total chromium and total bromine
 - Ref. to IEC 62321-3-1: 2013, Screening for Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry.
 - (2) Wet chemical test method
 - a. Total Lead, Cadmium, Chromium and Mercury content
 - Ref. to IEC 62321-4: 2013, determination of Mercury in polymers, metals and electronics by ICP-OES.
 - Ref. to IEC 62321-5: 2013, determination of Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by ICP-OES.
 - b. Chromium (VI) content
 - For Colourless and coloured corrosion-protected coatings on metals, Ref. to IEC 62321-7-1: 2015, determination of presence of hexavalent chromium (Cr(VI)) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method.
 - For polymers and electronics, Ref. to IEC 62321-7-2: 2017, determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method.
 - c. PBBs, PBDEs
 - Ref. to IEC 62321-6: 2015, determination of polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography -mass spectrometry (GC-MS).

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Test result(s):

Part No.	Part Description	Results of EDXRF					Chemical confirmation results (mg/kg)	Conclusion
		Pb	Cd	Hg	Cr	Br		
1	Light gray plastic	BL	BL	BL	BL	BL	---	Pass
2	Plastic paster	BL	BL	BL	BL	BL	---	Pass
3	Yellow filter	BL	BL	BL	BL	BL	---	Pass
4	White plastic	BL	BL	BL	BL	BL	---	Pass
5	Black plastic paster	BL	BL	BL	BL	BL	---	Pass
6	Black plastic	BL	BL	BL	BL	IN	PBBs: N.D. PBDEs: N.D.	Pass
7	Audion	BL	BL	BL	BL	IN	PBBs: N.D. PBDEs: N.D.	Pass
8	Yellow plastic shell (safety capacitor)	BL	BL	BL	BL	IN	PBBs: N.D. PBDEs: N.D.	Pass
9	Electrolytic capacitor	BL	BL	BL	BL	BL	---	Pass
10-1	Heat shrink tubing	BL	BL	BL	BL	BL	---	Pass
10-2	Magnet	BL	BL	BL	BL	---	---	Pass
10-3	Copper coil	BL	BL	BL	BL	---	---	Pass
11-1	White plastic	BL	BL	BL	BL	BL	---	Pass
11-2	Green plastic	BL	BL	BL	BL	BL	---	Pass
11-3	Black plastic button (touch switch)	BL	BL	BL	BL	BL	---	Pass
11-4	Silvery metal cover	BL	BL	BL	BL	---	---	Pass
11-5	Metal (reed)	BL	BL	BL	BL	---	---	Pass
11-6	Black plastic (shell)	BL	BL	BL	BL	BL	---	Pass
11-7	Metal (pins)	BL	BL	BL	BL	---	---	Pass
12	IC	BL	BL	BL	BL	BL	---	Pass
13-1	Black plastic shell (buzzer)	BL	BL	BL	BL	IN	PBBs: N.D. PBDEs: 392	Pass
13-2	Buzzer piece	BL	BL	BL	BL	BL	---	Pass
13-3	Metal (T-iron)	BL	BL	BL	BL	---	---	Pass
13-4	Magnet ring	BL	BL	BL	BL	---	---	Pass
13-5	Copper coil	BL	BL	BL	BL	---	---	Pass
13-6	PCB	BL	BL	BL	BL	IN	PBBs: N.D. PBDEs: N.D.	Pass
13-7	Soldering tin	103 (BL)	BL	BL	BL	---	---	Pass
14	Protective tube	BL	BL	BL	BL	---	---	Pass

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Part No.	Part Description	Results of EDXRF					Chemical confirmation results (mg/kg)	Conclusion
		Pb	Cd	Hg	Cr	Br		
15-1	Infrared sensor	BL	BL	BL	BL	IN	PBBs: N.D. PBDEs: N.D.	Pass
15-2	Black plastic	BL	BL	BL	BL	BL	---	Pass
16	LED light	BL	BL	BL	BL	IN	PBBs: N.D. PBDEs: N.D.	Pass
17	Resistor	BL	BL	BL	BL	BL	---	Pass
18	Soldering tin (THC)	170 (BL)	BL	BL	BL	---	---	Pass
19	PCB	BL	BL	BL	BL	IN	PBBs: N.D. PBDEs: N.D.	Pass
20	Light blue plastic	BL	BL	BL	BL	BL	---	Pass
21	Light blue plastic	BL	BL	BL	BL	BL	---	Pass
22-1	Black coating	BL	BL	BL	BL	BL	---	Pass
22-2	Metal (substrate)	BL	BL	BL	BL	---	---	Pass
23	White plastic tubing	BL	BL	BL	BL	BL	---	Pass
24	Dark gray plastic	BL	BL	BL	BL	BL	---	Pass
25	White silicone tubing	BL	BL	BL	BL	BL	---	Pass
26	Gray plastic	BL	BL	BL	BL	IN	PBBs: N.D. PBDEs: 82	Pass
27	Black plastic	BL	BL	BL	BL	IN	PBBs: N.D. PBDEs: N.D.	Pass
28	Silica gel	BL	BL	BL	BL	BL	---	Pass
29	Gray plastic	BL	BL	BL	BL	BL	---	Pass
30	White plastic	BL	BL	BL	BL	BL	---	Pass
31	Gray plastic	BL	BL	BL	BL	BL	---	Pass
32	Silica gel ring	BL	BL	BL	BL	BL	---	Pass
33	Black rubber ring	BL	BL	BL	BL	BL	---	Pass
34	White plastic	BL	BL	BL	BL	BL	---	Pass
35	Silvery metal	BL	BL	BL	IN	---	Cr(VI): Negative	Pass
36	Black plastic	BL	BL	BL	BL	BL	---	Pass
37	Metal (screw)	BL	BL	BL	IN	---	Cr(VI): Negative	Pass
38	Metal (gasket)	BL	BL	BL	IN	---	Cr(VI): Negative	Pass
39	Silvery metal board	BL	BL	BL	IN	---	Cr(VI): Negative	Pass
40	White plastic	BL	BL	BL	IN	---	Cr(VI): Negative	Pass
41	White foam	BL	BL	BL	BL	BL	---	Pass
42	Light gray plastic	BL	BL	BL	BL	BL	---	Pass

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Part No.	Part Description	Results of EDXRF					Chemical confirmation results (mg/kg)	Conclusion
		Pb	Cd	Hg	Cr	Br		
43	Light gray plastic	BL	BL	BL	BL	BL	---	Pass
44	Light gray plastic	BL	BL	BL	BL	BL	---	Pass
45	Red plastic	BL	BL	BL	BL	BL	---	Pass
46-1	Blue coating	BL	BL	BL	BL	BL	---	Pass
46-2	Metal (substrate)	BL	BL	BL	BL	---	---	Pass
47	Black rubber	BL	BL	BL	BL	BL	---	Pass
48	Black rubber ring	BL	BL	BL	BL	BL	---	Pass
49	Metal (nut)	BL	BL	BL	IN	---	Cr(VI): Negative	Pass
50	Metal (screw)	BL	BL	BL	IN	---	Cr(VI): Negative	Pass
51	Metal (nut)	BL	BL	BL	IN	---	Cr(VI): Negative	Pass
52	Metal (gasket)	BL	BL	BL	IN	---	Cr(VI): Negative	Pass
53	Metal (nut)	BL	BL	BL	IN	---	Cr(VI): Negative	Pass
54	Metal (screw)	BL	BL	BL	IN	---	Cr(VI): Negative	Pass
55	Metal (nut)	BL	BL	BL	IN	---	Cr(VI): Negative	Pass
56	Metal (screw)	BL	BL	BL	IN	---	Cr(VI): Negative	Pass
57	Black coating	BL	BL	BL	BL	BL	---	Pass
58	Metal (substrate)	BL	BL	BL	BL	---	---	Pass
59	Silvery metal support	BL	BL	BL	IN	---	Cr(VI): Negative	Pass
60	Plastic (support)	BL	BL	BL	BL	BL	---	Pass
61	Black plastic	BL	BL	BL	BL	BL	---	Pass
62	Black plastic sheath	BL	BL	BL	BL	BL	---	Pass
63	White wire sheath	BL	BL	BL	BL	BL	---	Pass
64	Blue wire sheath	BL	BL	BL	BL	BL	---	Pass
65	Black wire sheath	BL	BL	BL	BL	BL	---	Pass
66	Gray wire sheath	BL	BL	BL	BL	BL	---	Pass
67	Red wire sheath	BL	BL	BL	BL	BL	---	Pass
68	Yellow wire sheath	BL	BL	BL	BL	BL	---	Pass
69	White plastic	BL	BL	BL	BL	BL	---	Pass
70	Silica gel tubing	BL	BL	BL	BL	BL	---	Pass
71	Gray plastic	BL	BL	BL	BL	BL	---	Pass
72	Gold metal (copper)	OL	BL	BL	BL	---	Pb: 27494 ⁽⁴⁾ Cd: 36	Pass
73	Blue plastic	BL	BL	BL	BL	BL	---	Pass
74	Transparent plastic tube	BL	BL	BL	BL	BL	---	Pass
75	White foam	BL	BL	BL	BL	BL	---	Pass
76	Magnet ring	BL	BL	BL	BL	---	---	Pass

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Part No.	Part Description	Results of EDXRF					Chemical confirmation results (mg/kg)	Conclusion
		Pb	Cd	Hg	Cr	Br		
77	Silicone ring	BL	BL	BL	BL	BL	---	Pass
78	White plastic	BL	BL	BL	BL	IN	PBBs: N.D. PBDEs: N.D.	Pass
79	White plastic	BL	BL	BL	BL	BL	---	Pass
80	White plastic	BL	BL	BL	BL	BL	---	Pass
81	Blue wire sheath	BL	BL	BL	BL	BL	---	Pass
82	Brown wire sheath	BL	BL	BL	BL	BL	---	Pass
83	White plastic sheath	BL	BL	BL	BL	BL	---	Pass
84	Red wire sheath	BL	BL	BL	BL	BL	---	Pass
85	Copper wire	BL	BL	BL	BL	---	---	Pass
86	White plastic	BL	BL	BL	BL	IN	PBBs: N.D. PBDEs: N.D.	Pass
87	Silvery metal terminal	BL	BL	BL	BL	---	---	Pass
88	Metal (terminal)	BL	BL	BL	BL	---	---	Pass
89	Yellow/green wire sheath	BL	BL	BL	BL	BL	---	Pass
90-1	black coating	BL	BL	BL	BL	BL	---	Pass
90-2	Metal (substrate)	BL	BL	BL	BL	---	---	Pass
91	Metal (motor shaft)	BL	BL	BL	IN	---	Cr(VI): Negative	Pass
92	Black plastic	BL	BL	BL	BL	BL	---	Pass
93	White plastic sheath	BL	BL	BL	BL	BL	---	Pass
94	Red wire sheath	BL	BL	BL	BL	BL	---	Pass
95	Blue wire sheath	BL	BL	BL	BL	BL	---	Pass
96	Yellow wire sheath	BL	BL	BL	BL	BL	---	Pass
97	Black plastic	BL	BL	BL	BL	BL	---	Pass
98	Label	BL	BL	BL	BL	BL	---	Pass
99	Red wire sheath	BL	BL	BL	BL	BL	---	Pass
100	Yellow wire sheath	BL	BL	BL	BL	BL	---	Pass
101	Black plastic shell	BL	BL	BL	BL	BL	---	Pass
102	Black rubber	BL	BL	BL	BL	BL	---	Pass
103	Black plastic sheath	BL	BL	BL	BL	BL	---	Pass
104	Blue wire sheath	BL	BL	BL	BL	BL	---	Pass
105	Brown wire sheath	BL	BL	BL	BL	BL	---	Pass
106	White plastic	BL	BL	BL	BL	BL	---	Pass
107	Black plastic	BL	BL	BL	BL	BL	---	Pass
108	Metal (plug pins)	OL	BL	BL	BL	---	Pb: 22006 ⁽⁴⁾ Cd: 30	Pass

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Part No.	Part Description	Results of EDXRF					Chemical confirmation results (mg/kg)	Conclusion
		Pb	Cd	Hg	Cr	Br		
109-1	Silvery metal	BL	BL	BL	BL	---	---	Pass
109-2	White plastic support	BL	BL	BL	BL	IN	PBBs: N.D. PBDEs: N.D.	Pass
110	Black plastic frame	BL	BL	BL	BL	BL	---	Pass
111	Black plastic sheath	BL	BL	BL	BL	BL	---	Pass
112	Brown wire sheath	BL	BL	BL	BL	BL	---	Pass
113	Copper wire	BL	BL	BL	BL	---	---	Pass
114	Blue wire sheath	BL	BL	BL	BL	BL	---	Pass
115	Yellow/green wire sheath	BL	BL	BL	BL	BL	---	Pass
116-1	Silvery coating	BL	BL	BL	BL	BL	---	Pass
116-2	Plastic (substrate)	BL	BL	BL	BL	BL	---	Pass
117	Black plastic	BL	BL	BL	BL	IN	PBBs: N.D. PBDEs: N.D.	Pass
118	Black plastic paster	BL	BL	BL	BL	BL	---	Pass
119	Silicone ring	BL	BL	BL	BL	BL	---	Pass
120	Blue plastic	BL	BL	BL	BL	BL	---	Pass
121	White plastic	BL	BL	BL	BL	BL	---	Pass
122	White plastic tube	BL	BL	BL	BL	BL	---	Pass
123	Specification	BL	BL	BL	BL	BL	---	Pass
124	Audion	BL	BL	BL	BL	IN	PBBs: N.D. PBDEs: N.D.	Pass
125	IC chip	BL	BL	BL	BL	BL	---	Pass
126-1	Black plastic button (touch switch)	BL	BL	BL	BL	BL	---	Pass
126-2	Silvery metal cover	BL	BL	BL	BL	---	---	Pass
126-3	Metal (reed)	BL	BL	BL	IN	---	Cr(VI): Negative	Pass
126-4	Black plastic (shell)	BL	BL	BL	BL	BL	---	Pass
126-5	Metal (pins)	BL	BL	BL	BL	---	---	Pass
127	LED light	BL	BL	BL	BL	IN	PBBs: N.D. PBDEs: N.D.	Pass
128	Soldering tin (THC)	170 (BL)	BL	BL	BL	---	---	Pass
129	PCB	BL	BL	BL	BL	IN	PBBs: N.D. PBDEs: N.D.	Pass
130	Soldering tin	244 (BL)	BL	BL	BL	---	---	Pass

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Remark:

(^1) “---”= Not Applicable;

(^2) (a) It is the result on total Br while test item on restricted substances is PBBs/PBDEs. It is the result on total Cr while test item on restricted substances is Cr(VI).

(b) The XRF screening test for RoHS elements-The reading may be different to the actual content in the sample be of non-uniformity composition.

(c) Results are obtained by EDXRF for primary screening, and further chemical testing by ICP-OES (for Pb、Cd、Hg), UV-VIS (for Cr(VI)) and GC/MSD (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value according to IEC 62321-3-1: 2013.

Attached table 1, XRF screening limits in mg/kg for regulated elements in various matrices:

Element	Polymer Materials	Metallic Materials	Electronics
Cd	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (250+3\sigma) \leq OL$
Pb	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Br	$BL \leq (300-3\sigma) < X$	N.A.	$BL \leq (250-3\sigma) < X$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$

Note: ① BL “below limit” = the result less than the limit.

② OL “over limit” = the result greater than the limit.

③ IN = inconclusive, the region where need further chemical testing by ICP-OES (for Pb、Cd、Hg), UV-VIS (for Cr(VI)) and GC/MSD (for PBBs, PBDEs).

 ④ 3σ = Repeability of the analyser at the action level.

⑤ LOD = Limit of detection.

(^3) (a) mg/kg=ppm=0.0001%;

(b) N.D. = Not detected (lower than RL);

(c) Reporting Limit (RL) and Limit of Directive 2011/65/EU.

Parameter	Unit	Limit	Reporting Limit (RL)
Lead (Pb)	mg/kg	1000	10
Cadmium (Cd)	mg/kg	100	10
Mercury (Hg)	mg/kg	1000	10
Chromium VI (Cr VI)	mg/kg	1000	R1
Group PBBs	mg/kg	1000	R2
Group PBDEs	mg/kg	1000	R2

 R1: Cr(VI) for metal sample, the reporting limit (RL)= Method Detection Limit (MDL)=0.10 ug/cm².

The reporting limit (RL) of Cr(VI) for polymers and electronics is 10mg/kg.

R2: The reporting limit (RL) for single compound of PBBs & PBDEs is 50mg/kg.

(d) According to IEC 62321-7-1: 2015, result on Cr(VI) for metal sample is shown as Negative, Inconclusive or Positive: Negative = Absence of Cr(VI), Inconclusive = Maybe exist Cr(VI), Positive = Presence of Cr(VI).

Colorimetric result (Cr(VI) concentration)	Qualitative result
The sample solution is < the 0.10 ug/cm ² equivalent comparison standard solution	The sample is negative for Cr(VI)-The Cr(VI) concentration is below the limit of quantification. The coating is considered a non-Cr(VI) based coating.
The sample solution is ≥ the 0.10 ug/cm ² and ≤ the 0.13 ug/cm ² equivalent comparison standard solutions	The result is considered to be inconclusive – Unavoidable coating variations may influence the determination. Recommendation: if addition samples are available, perform a total of 3 trials to increase sampling surface area. Use the averaged result of the 3 trials for the final determination.
The sample solution is > the 0.13 ug/cm ² equivalent comparison standard solution	The sample is positive for Cr(VI)-The Cr(VI) concentration is above the limit of quantification and the statistical margin of error. The sample coating is considered to contain Cr(VI)

(^4) Lead (Pb) was exempted by RoHS Directive 2011/65/EU based on Annex III/6(c): Copper alloy containing up to 4% lead by weight.

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B. Phthalates—DBP, BBP, DEHP & DIBP

Test Method: Ref. to IEC 62321-8: 2017

Determination of Phthalates in polymers by Gas Chromatography-Mass Spectrometry (GC-MS)

Test result:

Test item	DBP	BBP	DEHP	DIBP
Maximum Permissible Limit (mg/kg)	1000	1000	1000	1000

Material No.	Test item (mg/kg)				Conclusion
	DBP	BBP	DEHP	DIBP	
1+6+21	N.D.	N.D.	N.D.	N.D.	Pass
2+5+118	N.D.	N.D.	N.D.	N.D.	Pass
4	N.D.	N.D.	N.D.	N.D.	Pass
10-1	N.D.	N.D.	N.D.	N.D.	Pass
19+129	N.D.	N.D.	N.D.	N.D.	Pass
20	N.D.	N.D.	N.D.	N.D.	Pass
23	N.D.	N.D.	N.D.	N.D.	Pass
24+26+27	N.D.	N.D.	N.D.	N.D.	Pass
25+70	N.D.	N.D.	N.D.	N.D.	Pass
28+32	N.D.	N.D.	N.D.	N.D.	Pass
29+30+31	N.D.	N.D.	N.D.	N.D.	Pass
34+36	N.D.	N.D.	N.D.	N.D.	Pass
40+42	N.D.	N.D.	N.D.	N.D.	Pass
41	N.D.	N.D.	N.D.	N.D.	Pass
43+44+45	N.D.	N.D.	N.D.	N.D.	Pass
60	N.D.	N.D.	N.D.	N.D.	Pass
61	N.D.	N.D.	480	N.D.	Pass
69+71+73	N.D.	N.D.	N.D.	N.D.	Pass
74	550	N.D.	N.D.	270	Pass
75	N.D.	N.D.	N.D.	N.D.	Pass
77+119	N.D.	N.D.	N.D.	N.D.	Pass

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Material No.	Test item (mg/kg)				Conclusion
	DBP	BBP	DEHP	DIBP	
78+79	N.D.	N.D.	N.D.	N.D.	Pass
80+86	N.D.	N.D.	N.D.	N.D.	Pass
89	N.D.	N.D.	N.D.	180	Pass
97+101	N.D.	N.D.	N.D.	N.D.	Pass
98	N.D.	N.D.	180	N.D.	Pass
103	N.D.	N.D.	N.D.	230	Pass
104	N.D.	N.D.	N.D.	170	Pass
105	N.D.	N.D.	N.D.	190	Pass
106+107	N.D.	N.D.	N.D.	N.D.	Pass
110	N.D.	N.D.	N.D.	N.D.	Pass
111	N.D.	N.D.	N.D.	N.D.	Pass
112+114+115	N.D.	N.D.	N.D.	N.D.	Pass
116-2+117	N.D.	N.D.	N.D.	N.D.	Pass
120	N.D.	N.D.	N.D.	N.D.	Pass
121+122	N.D.	N.D.	N.D.	N.D.	Pass
123	N.D.	N.D.	N.D.	N.D.	Pass

Remark: 1. Reporting Limit (RL) for BBP, DBP, DEHP, DIBP=50mg/kg.
 2. N.D. = Not Detected (<RL).

The reference model(s) are as following:

FLS-120A, FLS-120B, FLS-120C, FLS-120D, FLS-120D-1, FLS-120F, FLS-120F-1, KYT-22, KYT-22R, FLS-120, FLS-L15A, KFLS-360, FLS-L20E, FLS-L20H, FLS-L20, FLS-120G, FLS-120H, FLS-120M, FLS-L20A, FLS-L20B, FLS-L20B-1, FLS-L20C, FLS-L20CG, FLS-L20D, FLS-L20D-1, FLS-L20K, FLS-L20V, FLS-L20V-1/JS, FLS-120J, FLS-120R, FLS-120L, FLS-120LR, FLS-120HR, FLS-120T, FLS-120K/D, FLS-120K, FLS-120KR, FLS-L60, FLS-L60R, FLS-120LG, FLS-120LGT, FLS-120LRG, FLS-L55GY, FLS-L55GYS, FLS-L20V/JS, FLS-L33A, FLS-L33B, FLS-L33AR, FLS-L33BR, FLS-120A16, FLS-120AR16, FLS-120BR16, ZF-D121C, IW805TL, FLS-120A17, FLS-120AR17, FLS-120B17, FLS-120BR17, FLS-120C17, FLS-120CR17, FLS-L20VG, FLS-L20VGR, FLS-L33BG, FLS-L33BGR, FLS-L20KG, FLS-120MW, FLS-120MWR, FT-TS45C, FT-TS45CR, FT-TS45D, FT-TS45DR, BR-R10KC, BKC-829R, MAC-Z132, GT-KC816R, HEF-8400K, HEF-8800K, HEF-8900K, GG-AC819, WP-K670AC, LF-KC880R, NF-1704R, KS-1701R, MAC-K829R, GT-E1019MC, YS-830, FLS-Z38A, FLS-Z38AR, FLS-Z40A, FLS-Z40AR, FLS-Z40A2, FLS-Z40A2R, FLS-L12DC, FT-TS45CRG, FT-TS45DRG, FLS-120AR18, FLS-120BR18, FLS-120C18, FLS-120CR18, FLS-120D18, FLS-120DR18

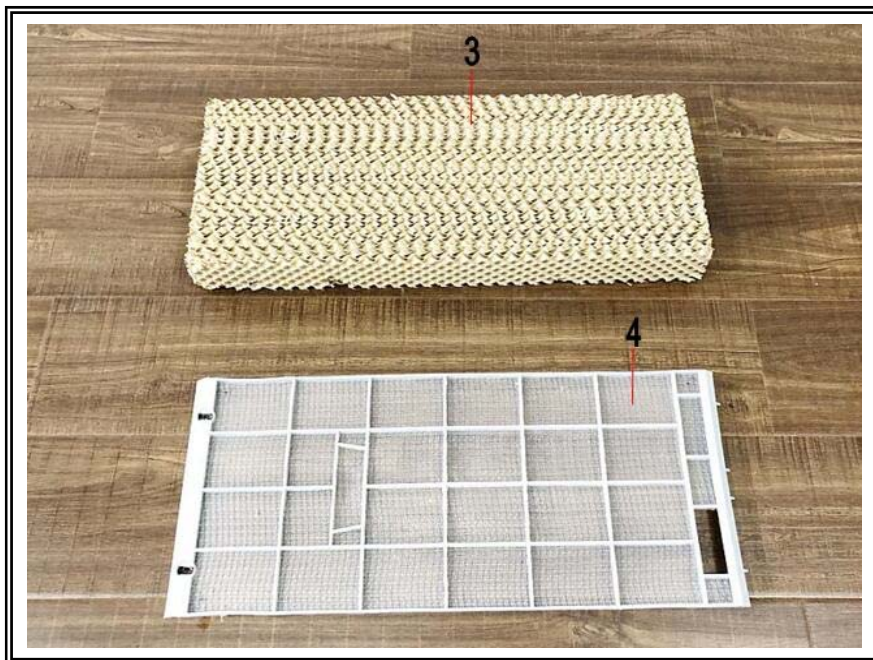
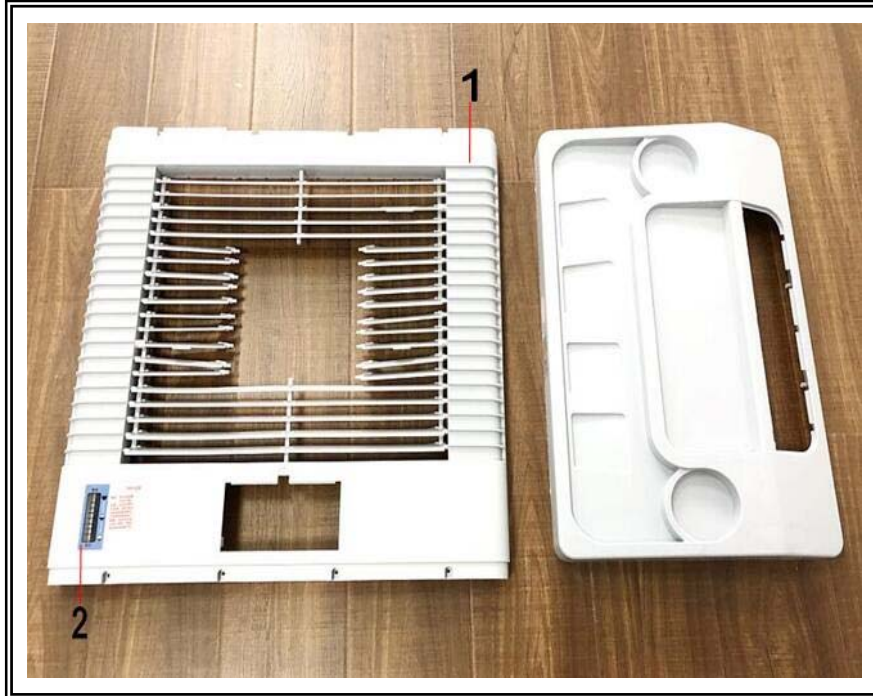
ORIGINAL

Sample photo(s):

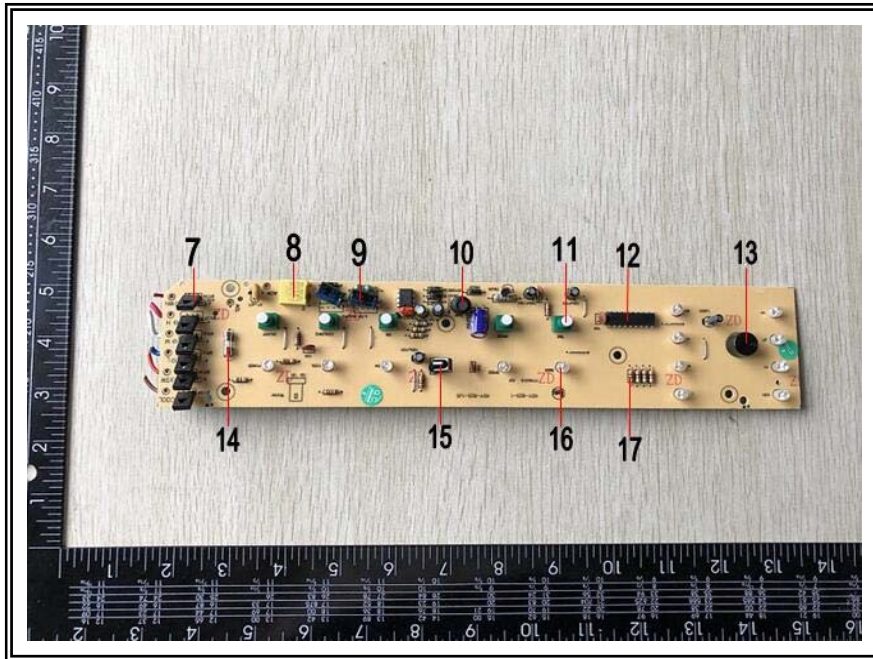


Test item: Air Cooler
Tested Model No.: FLS-L20V-1/JS

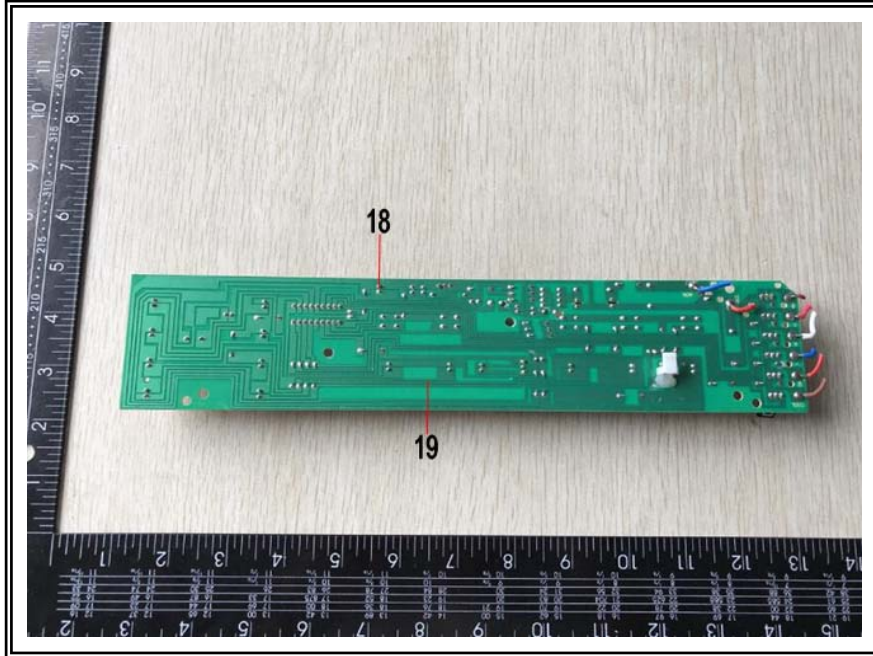
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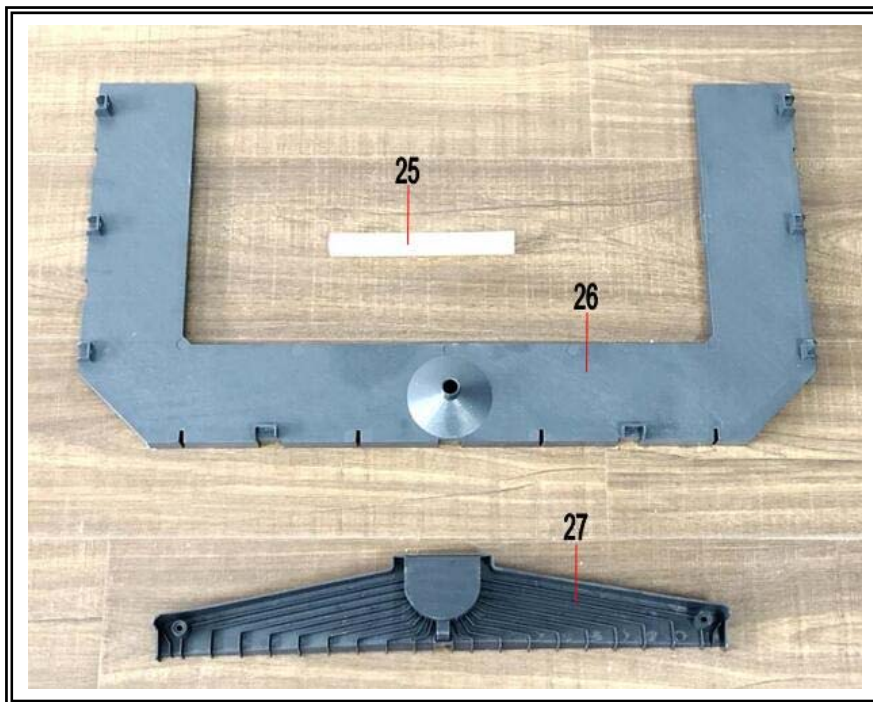
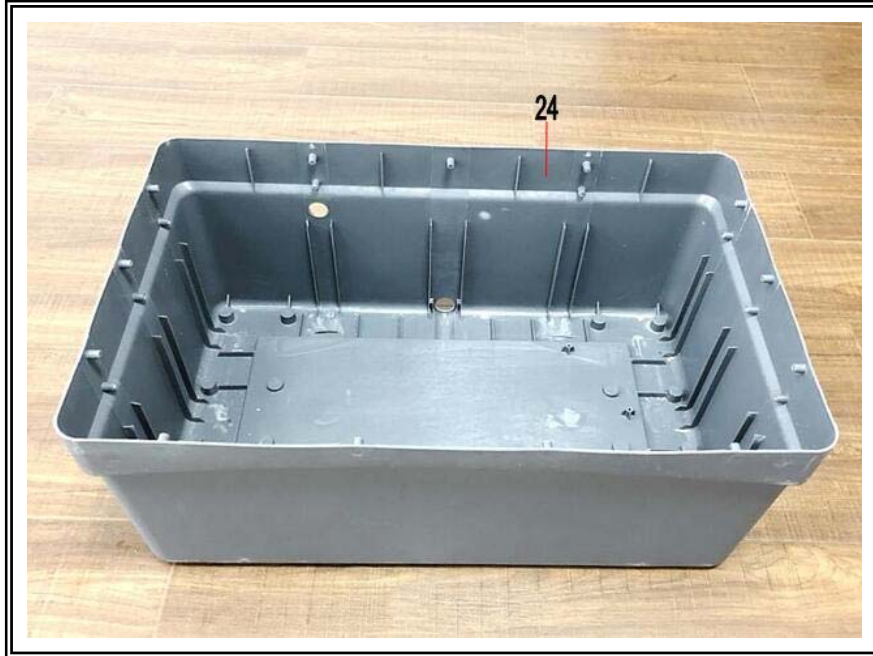
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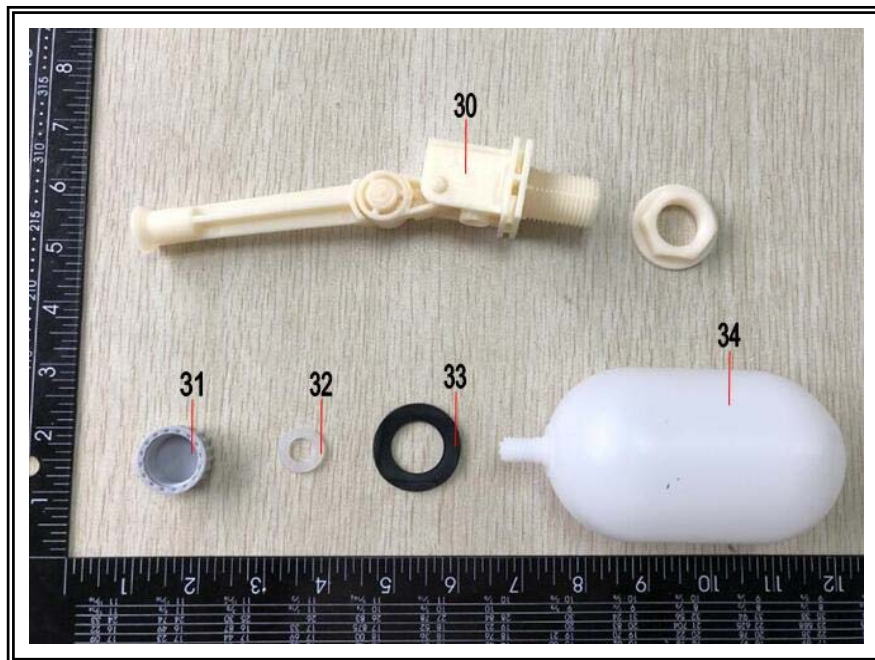
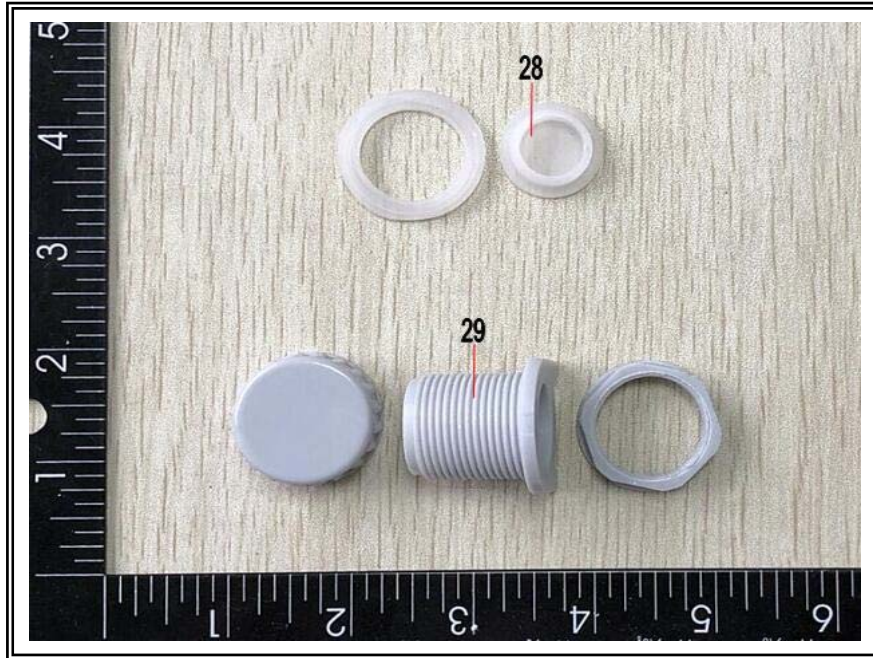
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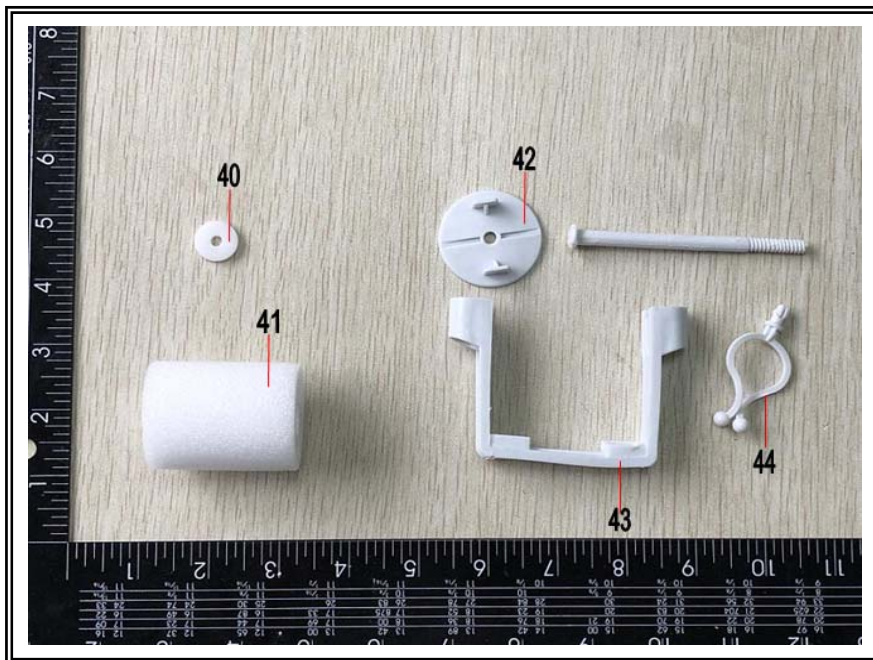
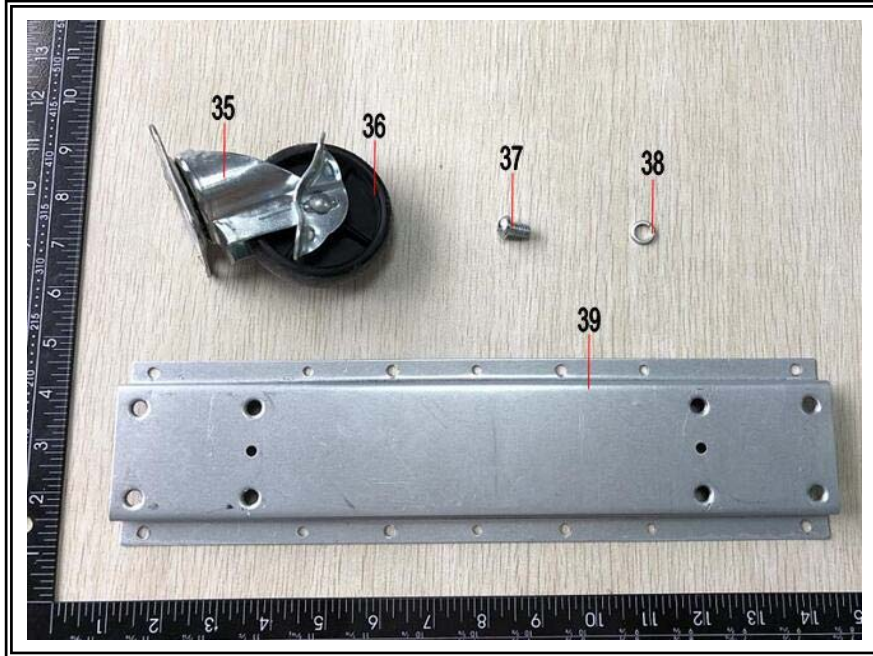
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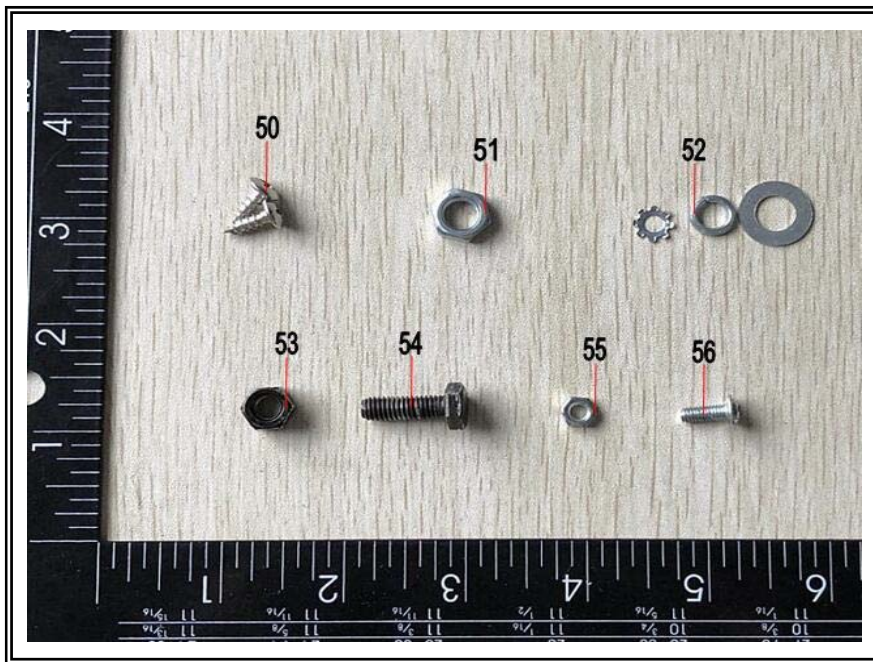
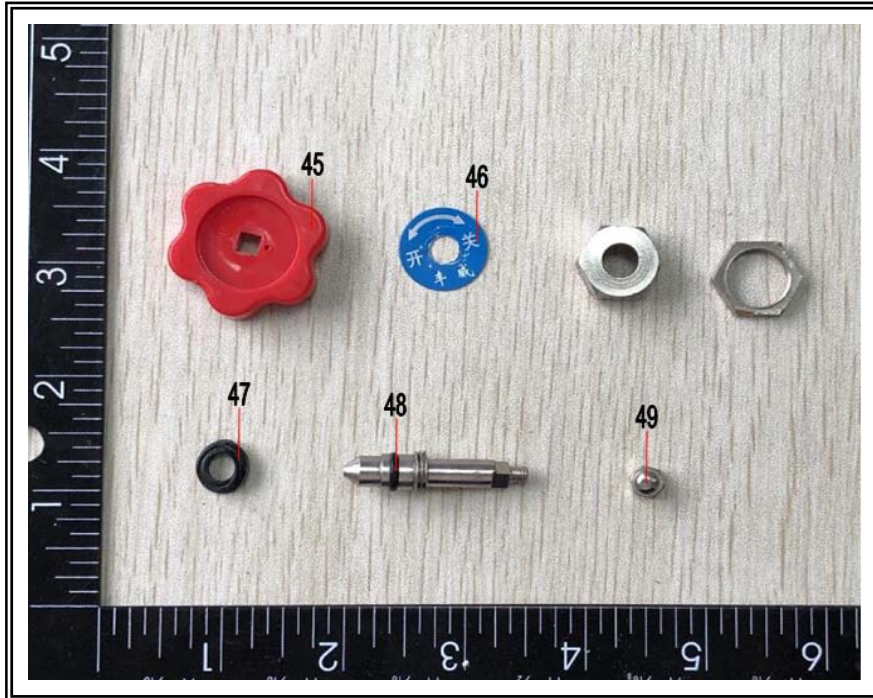
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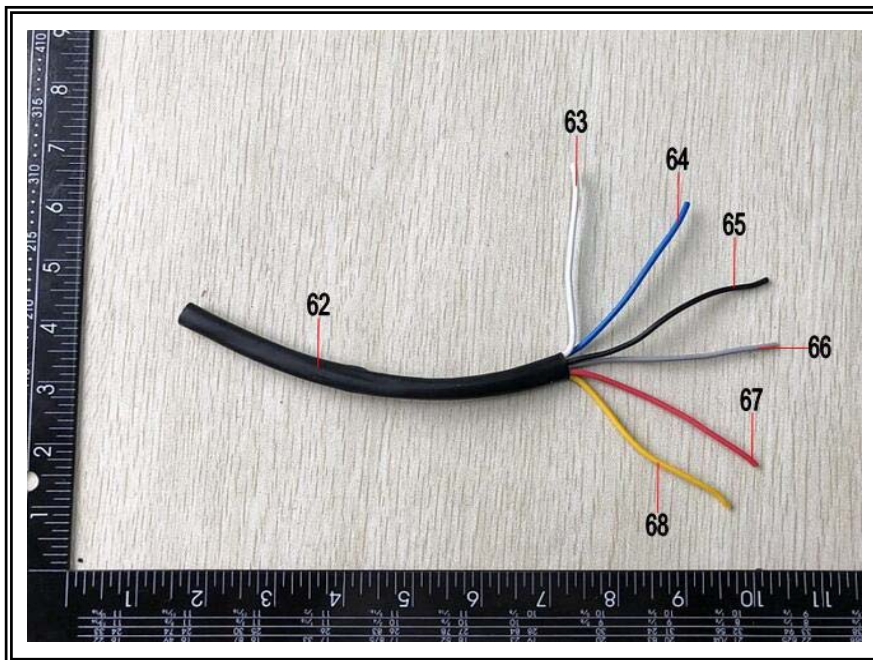
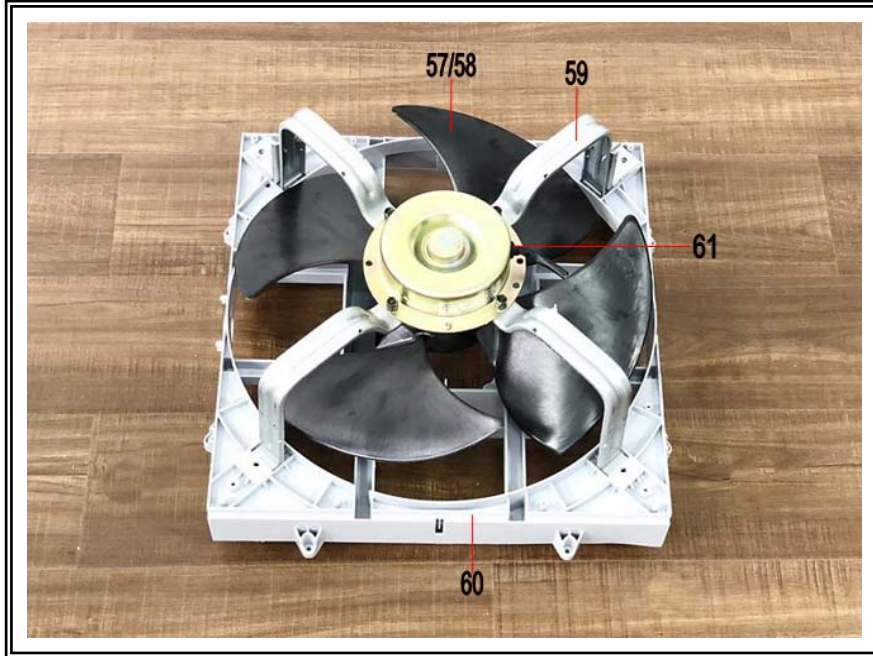
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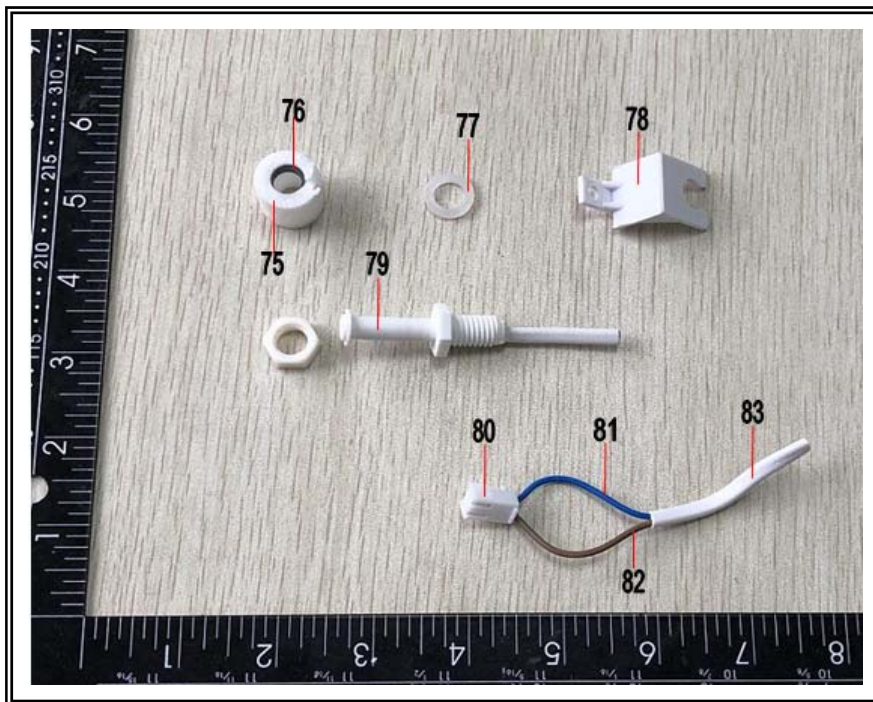
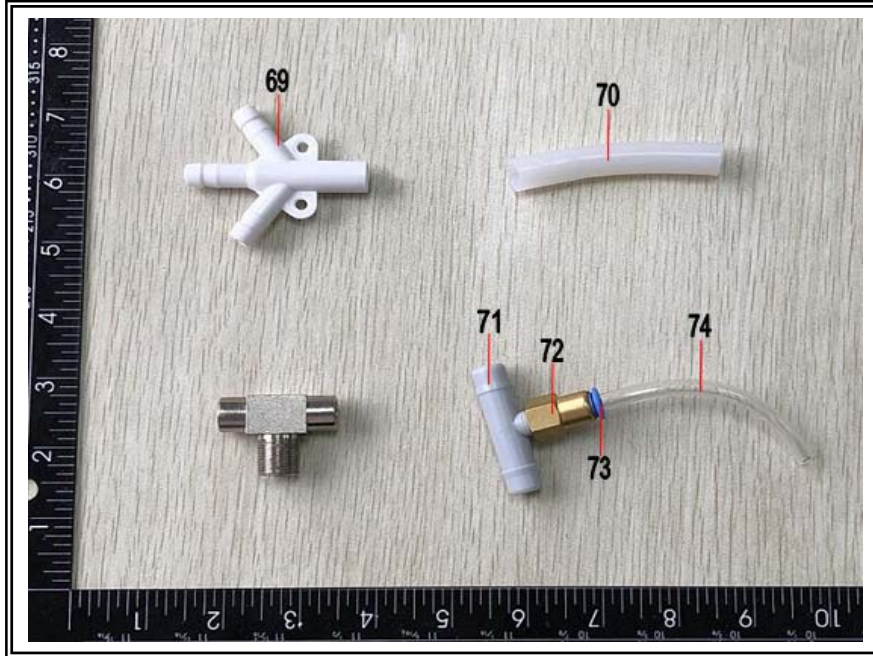
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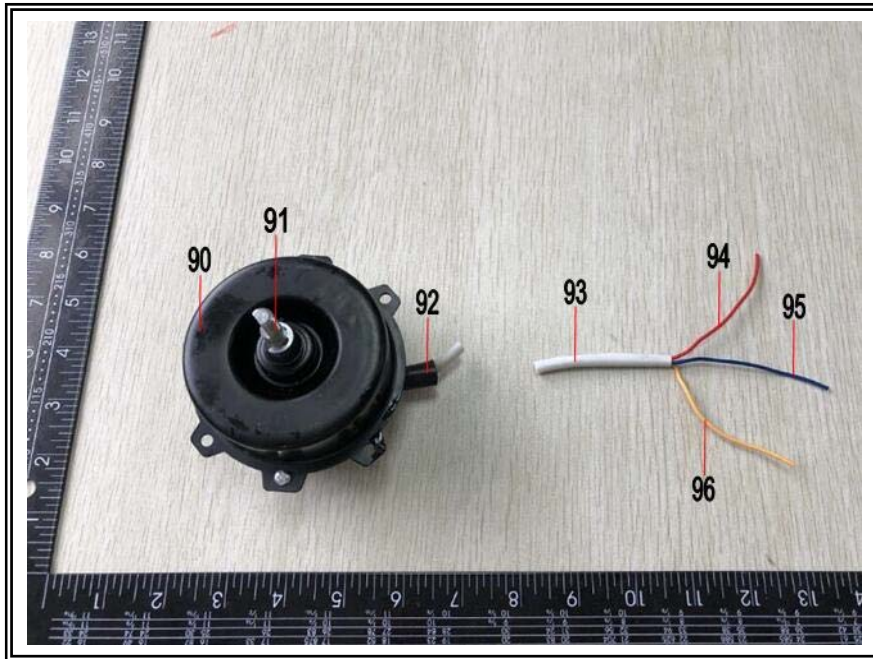
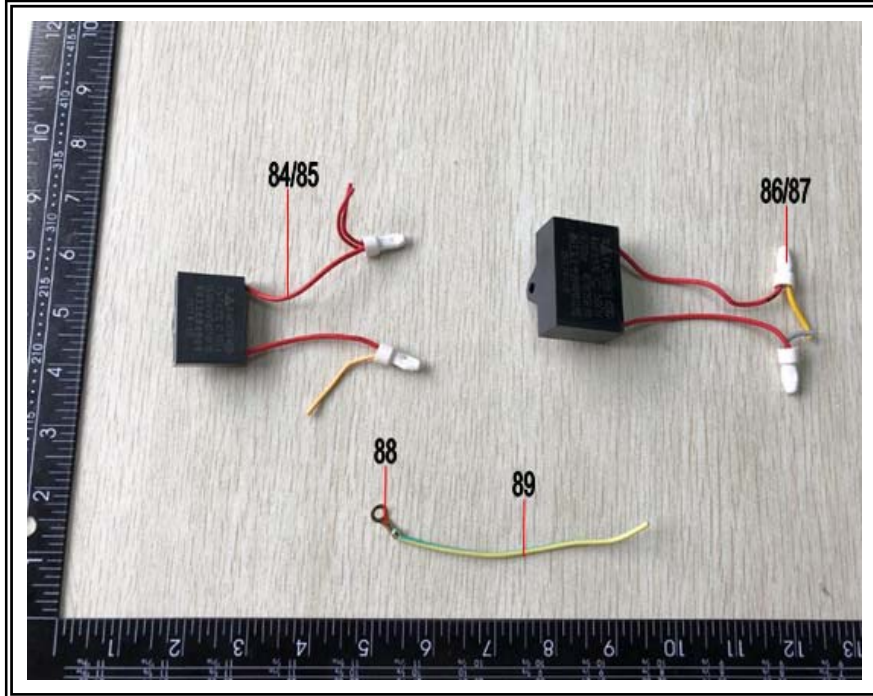
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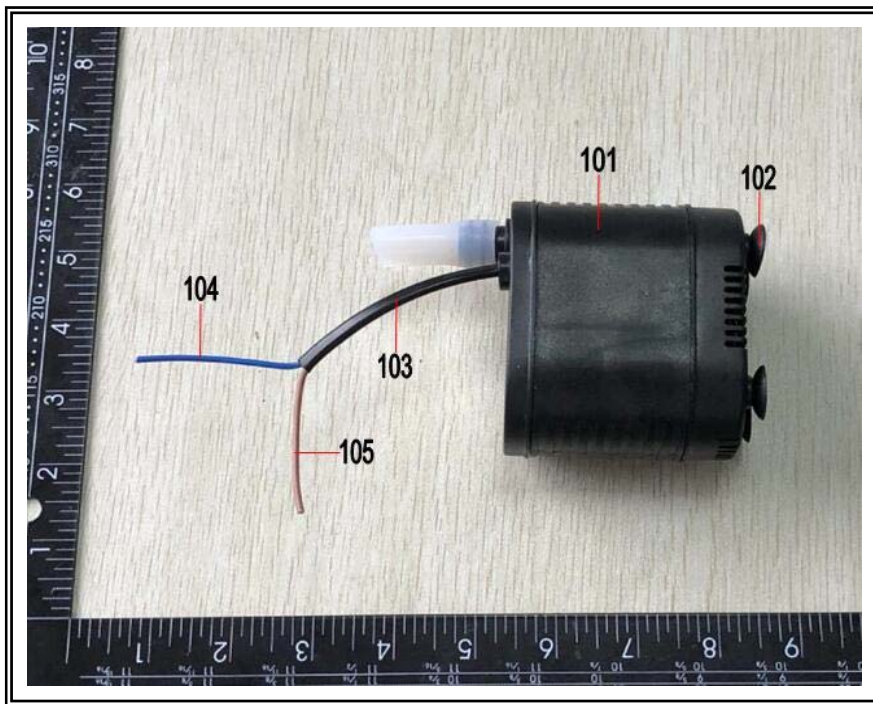
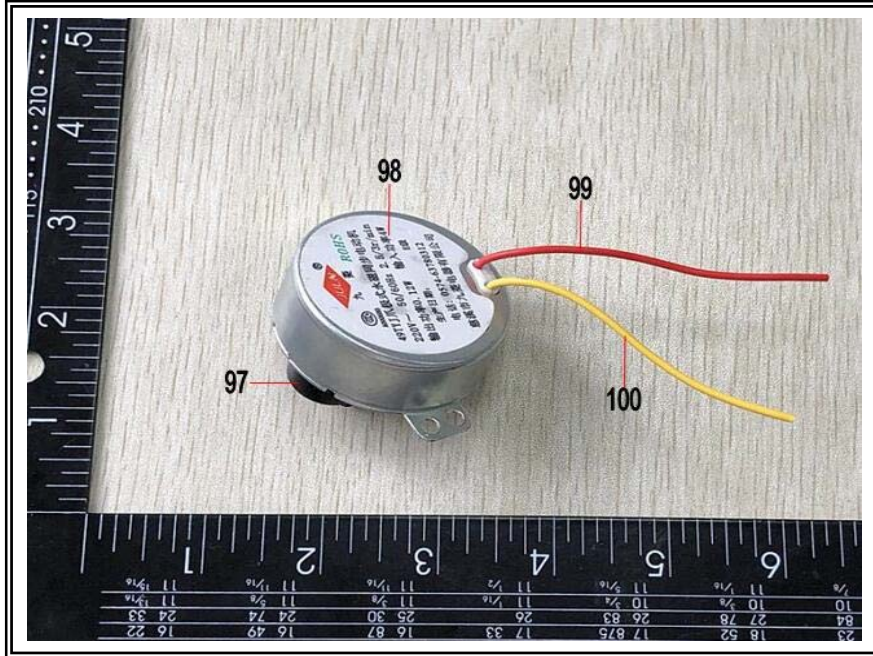
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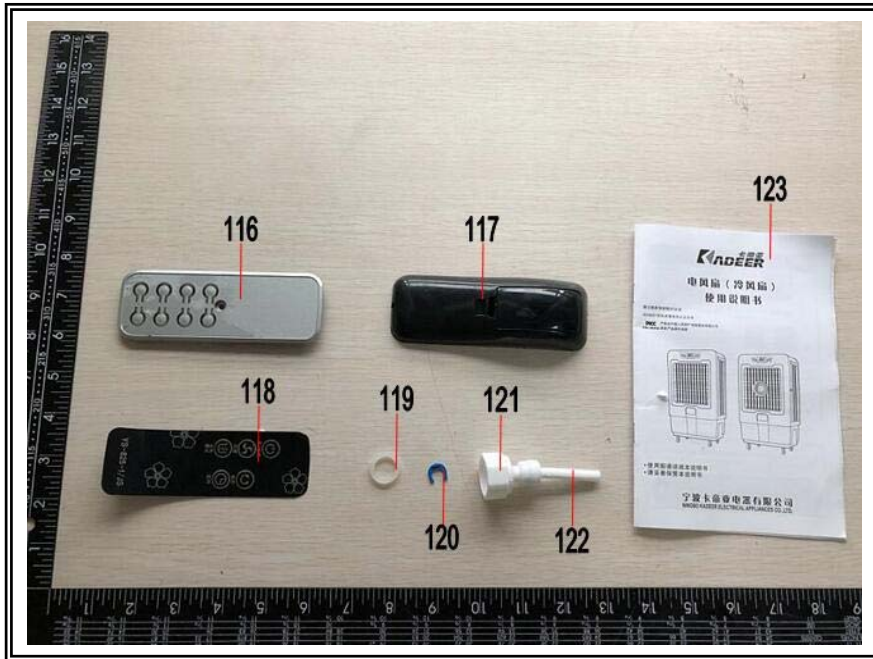
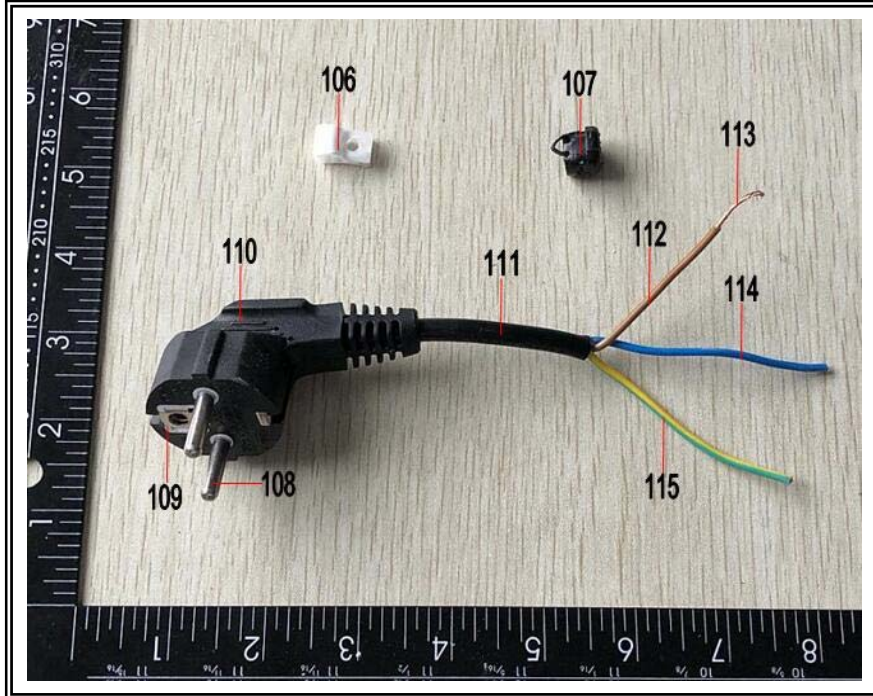
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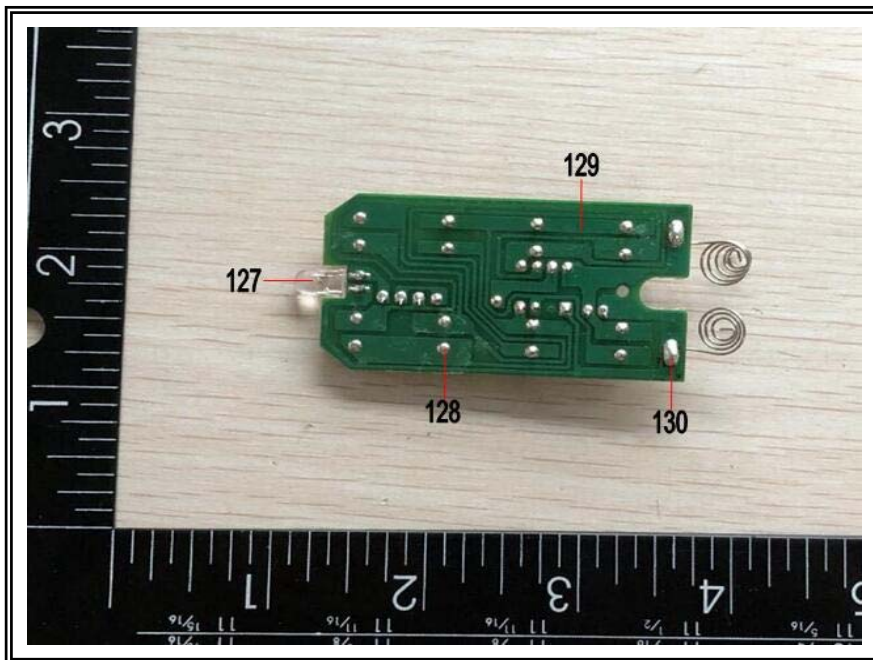
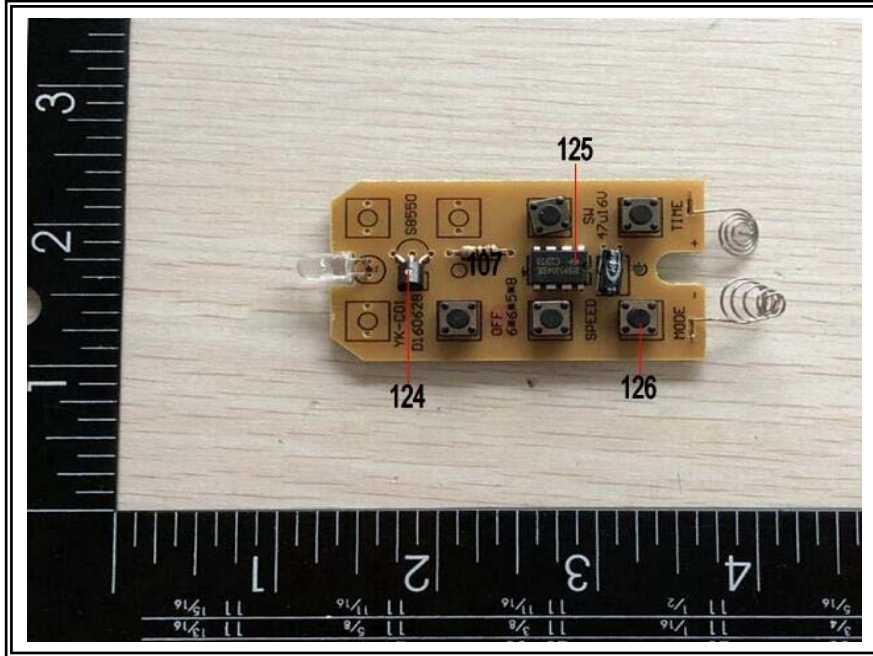
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The photo(s) below were provided by client



FLS-120



FLS-120A



FLS-120A16



FLS-120A17



FLS-120AR16



FLS-120AR17



FLS-120AR18



FLS-120B



FLS-120B17



FLS-120BR16



FLS-120BR17



FLS-120BR18



FLS-120C



FLS-120C17



FLS-120C18



FLS-120CR17



FLS-120CR18



FLS-120D



FLS-120D-1



FLS-120D18



FLS-120DR18



FLS-120F



FLS-120F-1



FLS-120G



FLS-120H

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FLS-120HR



FLS-120J



FLS-120K



FLS-120K/D



FLS-120KR



FLS-120L



FLS-120LG



FLS-120LGT



FLS-120LR



FLS-120LRG



FLS-120M



FLS-120MW



FLS-120MWR



FLS-120R



FLS-120T



FLS-L12DC



FLS-L15A



FLS-L20



FLS-L20A



FLS-L20B



FLS-L20B-1



FLS-L20C



FLS-L20CG



FLS-L20D



FLS-L20D-1



FLS-L20E



FLS-L20H



FLS-L20K



FLS-L20KG
Golden



FLS-L20KG
Silvery



FLS-L20V/JS



FLS-L20V



FLS-L20V-1/JS



FLS-L20V-1



FLS-L20VG



FLS-L20VGR



FLS-L33A



FLS-L33AR



FLS-L33B



FLS-L33BG

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FLS-L33BGR



FLS-L33BR



FLS-L55GY



FLS-L55GYS



FLS-L60



FLS-L60R



FLS-Z38A



FLS-Z38AR



FLS-Z40A



FLS-Z40A2



FLS-Z40A2R



FLS-Z40AR



FT-TS45C



FT-TS45CR



FT-TS45CRG



FT-TS45D



FT-TS45DR



FT-TS45DRG



KYT-22



KYT-22R

End of Report