

To : Mr. Oliver M. Filoteo
Chief Executive Officer
From : Quality Control Department
Re : Air Circulator fan
Date : October 23, 2025
Reference no. : QCD-ACF-10TRGDC-25-10-001
Cc. : FDF / A. De Rivera / PCO / Dept.Concern

Listed below are the specifications and parts for new of Air circulator fan. DC Inverter Table top. received and inspected this October 21, 2025.

KCF-10TRGDC

Details checking:

Model : KCF-10TRGDC
Description : 10" DC INV Air Circulator (Table top)
EAN Number : 4806508236721
P/O Number : KT-2507GD-02
Lot Number : 055525001
Serial number range : 05552507-10001 to 12464 (2,464 units)
Printing Features : Dual box / Good clean and clear

Inspected units: **Serial number** 05552507-11414, 11415, 11370 and 11371



Remarks:

1. New model of Circulator fan **10" TABLE TOP DC INVERTER.**
2. With fan Speed of 1 to # 10, with vertical and horizontal swing function.
3. With Manual and remote operational function.
4. The QR code was already attached on warranty card.
5. For DOE sampling subject for performance, and safety testing.
6. Need the ICC certificate and sticker, before the distribution to the dealers.

Recommendations:

1. Unit must undergo internal performance, functional and life testing.

Inspected unit: No sample unit for comparison, all product details and specifications are base on actual unit inspected.

Packaging and Carton box checking:

Packaging Dimensions	W x D x H Gross weight	258 x 258 x 343mm 2.29 kilograms
Packaging Support	Top : Bottom:	EPE Foam / thickness 27mm EPE Foam / thickness 17mm
Carton Box	W x D x H / Weight: Type / Thickness:	258 x 258 x 343 mm / Single wall, B flute / 3.0mm
Accessories	Warranty Card Owner's Manual Wireless remote control Lithium battery 3V	

Unit checking for outer part:

Specifications :	Input Voltage	230V ~ / 60Hz
	Rated Power	14 W
	Rated Current	0.14 A
	Max volume Air flow	16 m ³ /min
	Energy Efficiency Factor	1.14 m ³ / (W.min)
	Climate	T
Unit Dimensions	W x D x H Net Weight	249 x 215 x 341mm 1.89 kilogram
	Appearance	Black and Gray color
Front Grills	Appearance	Black color / Plastic materials
	Dimensions: Diameter x Length	Ø200 x 42mm
	Center Hub	Black color Plastic Materials Ø 53.40 x 2mm
	KOLIN logo	Pantone / silkscreen printed Dimensions: 20 x 26.862mm
	Dimensions: Diameter x Length	Ø350 x 70mm (front) Ø367 x 70mm (back)

Back Grill	Appearance	Black color / Plastic materials
	Dimensions: Diameter x Length	Ø248 x 135mm
AC cord	Specifications: Appearance / Dimensions:	Plug Type A JET2195-12009-1003 VCTFK 2x0.75mm Kai Hua Wire strands: 30pcs. Wire diameter: 00.18mm

Unit checking for inner part:

Fan motor with Board	Brand name: Model Number: Specifications: Appearance:	NPCBV49 / N04M0992SLV31 DC24V / 20240406 / E123995 / KB-3151C Galvanize casing
Control Module	Main board:	SL1-FSQ-MF08EB-ED (220V-240V)-P P11 RHOS- REACH GDRD 241011-14G 2025-10-11 / FR-1 94V-0
	Control button board:	SL1-FSQ-MF08EB-ED (220V-240V) –C C12 RHOS- REACH GDRD 250811 – 02G 2025-08-11 / FR-1 94V-0
	Vertical Swing Motor:	MTY26-702 /AC220-240V /50-60Hz CW /CCW /1.5 /1.8r/min /4.0W /1.2W Ningbo mingsheng motor Galvanized casing
	Horizontal Swing Motor:	MTY21-703 / AC220-240V / 50-60Hz CW/CCW /2.5/ 3r/min /4.0W / 0.9W / Ningbo mingsheng motor Galvanized Casing
	Remote Control	No Model or specifications indicated Black color
Fan Blade:	Appearance: Dimension:	Glossy Black color / Plastic materials Ø175x 60mm 3 Blades
Metal Mount:	Appearance:	black color/ metal material Length 155mm (2pcs)
Base plate:	Appearance: Dimension	black color / Plastic material Ø210 x 35 mm

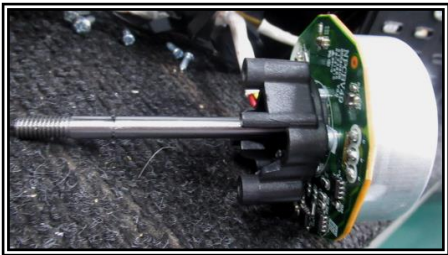
Unit Performance testing result

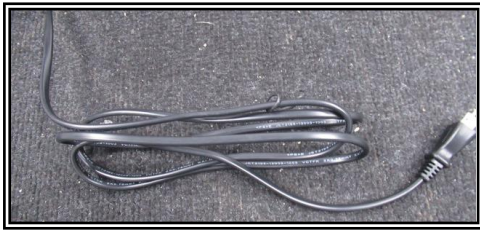
Performance Testing per Fan speed							
Fan Speed	Voltage	Current			Wattage		
		OFF Swing	Single Swing	Dual Swing	OFF Swing	Single Swing	Dual Swing
No. 1	228.6V	0.02A	0.03A	0.04A	1.6W	5.1W	8.1W
No. 2	229.2V	0.02A	0.03A	0.04A	2.1W	5.4W	8.3W
No. 3	228.5V	0.03A	0.03A	0.04A	2.6W	5.9W	8.8W
No. 4	228.9V	0.03A	0.04A	0.05A	3.3W	6.5W	9.4W
No. 5	229.1V	0.04A	0.05A	0.06A	4.2W	7.5W	10.4W
No. 6	229.2V	0.05A	0.06A	0.07A	5.3W	8.6W	11.4W
No. 7	228.8V	0.07A	0.08A	0.08A	7.1W	10.1W	12.7W
No. 8	228.4V	0.08A	0.09A	0.10A	8.7W	11.8W	14.8W
No. 9	228.5V	0.10A	0.11A	0.12A	11.1W	14.1W	16.9W
No. 10	228.5V	0.14A	0.15A	0.16A	14.4W	19.6W	22.6W

Power Consumption				
Time	Fan Speed	Voltage	Wattage	Current
7:30 am to 5:30pm	NO.10	228.7	22.6A	0.16A
Consumption for 10 hours		0.19 kw		
Consumption per hour		0.019 kw		

Note: The declared **Rated Power** and **Rated Current** was achieved only if the swing is OFF upon performance testing, while if the horizontal and vertical swing was operated the test result was higher than the declaration on nameplate.

Unit inner part / spec's

	FAN MOTOR NPCBV49 / N04M0992SLV31 DC24V / 20240406 / E123995 / KB-315IC
	MAIN BOARD SL1-FSQ-MF08EB-ED (220V-240V)-P P11 RHOS- REACH GDRD 241011-14G 2025-10-11 / FR-1 94V-0
	CONTROL BUTTON BOARD SL1-FSQ-MF08EB-ED (220V-240V) -C C12 RHOS- REACH GDRD 250811 – 02G 2025-08-11 / FR-1 94V-0
	HORIZONTAL SWING MTY21-703 / AC220-240V / 50-60Hz CW/CCW /2.5/ 3r/min /4.0W / 0.9W
	VERTICAL SWING MTY26-702 /AC220-240V /50-60Hz CW /CCW /1.5 /1.8r/min /4.0W /1.2W



AC CORD

Plug Type A
JET2195-12009-1003
VCTFK 2x0.75mm Kai Hua

Wire strands: 30pcs.
Wire diameter: 00.18mm



FAN BLADE

Plastic materials
Ø175x 60mm 3 Blades



REMOTE CONTROL

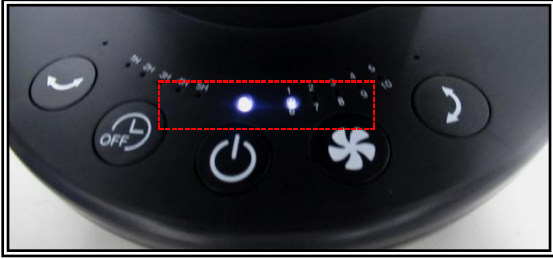
No Model or specifications indicated



ACCESSORIES

Warranty Card
Owner's Manual
Wireless remote control
Lithium battery 3V

REMINDER ONLY



Weak Light indication
Setting for # 1 to 5 fan speed
Operation



Bright light indication
Setting for # 6 to 10 fan speed
Operation

For your reference,

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