

To : Mr. Oliver M. Filoteo
Chief Executive Officer
From : Quality Control Department
Re : Air Circulator fan
Date : November 28, 2024
Reference no. : QCD-ACF-14SRGDC-24-11-001
Cc. : FDF / A. De Rivera / PCO / Dept.Concern

Listed below are the specifications and parts for new model of Air circulator fan, received and inspected this November 25, to 27, 2024.

KCF-14SRGDC

Details checking:

Model : KCF-14SRGDC
Description : 14" DC INV Air Circulator (Black and Gray Stand Type)
EAN Number : 4806508236424
P/O Number : KT-2407GD-01
Lot Number : 055224001
Serial number range : 05522407-10001 to 11100 (1,100 units)
Printing Features : Dual box / Good clean and clear

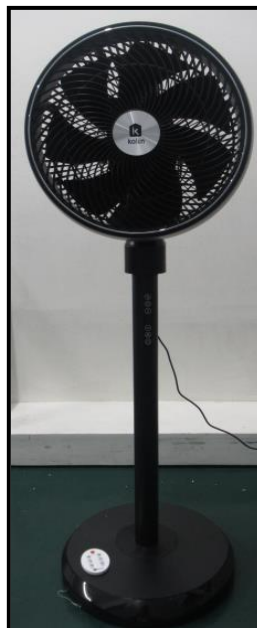
Inspected units: **Serial number** 05522407-10867, 10861, 10851 and 10848



Primary box



Original box



Remarks:

1. First shipment for new model of Air Circulator 14” Stand type with DC motor.
2. With fan Speed of 1 to # 8, vertical and horizontal swing function.
3. With manual and remote operational functions.
4. Convertible from Stand fan to Desk fan.
5. The QR code is already attached on warranty card.

Recommendations:

1. Unit must undergo internal performance, functional and life testing.
2. The following products come in two boxes: the original white box inside and a brown box outside that requires an extra serial number to be attached.

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	674 x 336 x 473mm 6.80 kilograms
Packaging Support	Top molded carton: Bottom molded carton: Carton board Divider:	560 x 330 x 100mm (315g) 560 x 320 x 142mm (635g) Single wall B flute (3.0mm thickness)
Carton Box	W x D x H / Weight: Type / Thickness:	670 x 330 x 470 mm / 965 grams 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	DC 24 Volts
	Rated Power	37 W
	Rated Current	0.31 A
	Climate	T
Adapter	Input data Output data	AC 230V ~ 60hz DC 24V / 1.75A
Unit Dimensions	W x D x H Net Weight	370 x 361x Min 1116mm 4.35 kilogram
	Appearance	Black and Gray color with Silver lining

Front Grill	Appearance	Black with Silver color / Plastic materials
	Dimensions: Diameter x Length	Ø347 x 60mm
	KOLIN logo	Black color with silver background Dimensions: 24.5 x 32.5mm
Ring Case	Appearance	Gray color / Plastic materials
	Dimensions: Diameter x Length	Ø350 x 70mm (front) Ø367 x 70mm (back)
Back Grill	Appearance	Black color / Plastic materials
	Dimensions: Diameter x Length	Ø373 x 150mm
Power Supply Adapter	Specifications:	Class 2 Power supply Model: HCX3801-240150U Input: 100-240V~50-60Hz 1.6A Output: 24V=1.75A
Power cord	Specifications: Appearance / Dimensions:	E3127853 / AWG 2464 / 22AWG x 2C 80°C 300V VW-1 Black color / Length: 1790mm

Unit checking for inner part:

Fan motor with Board	Brand name: Model Number: Specifications: Appearance:	ZHAOLI Motor DBT54M4BA1 T DC24V / 1.2A Galvanize casing (dimensions) Ø68 x 183mm
Control Module	Control/Display board:	KB-6061 / ILM-R1 SLI-FSC12G-ED (24V)-C C12 RoHS GDRD240731-07G 2024-07-31 / FR-4 / 94V-0
	Control button/key:	Soft Touch function key
	Vertical Swing Motor:	JT (TY-50) AC: 24V / 50-60Hz / 4W / 1.5-1.8 r/min CW/CCW (Zhaoqing Longtou Electric) Galvanize casing
	Horizontal Swing Motor:	JT (TY-50) AC: 24V / 50-60Hz / 4W / 4 - 5 r/min CW/CCW (Zhaoqing Longtou Electric) Galvanize casing
	Remote Control	No Model or specifications indicated Black color

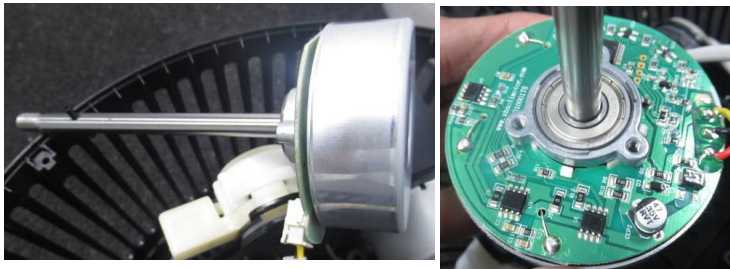
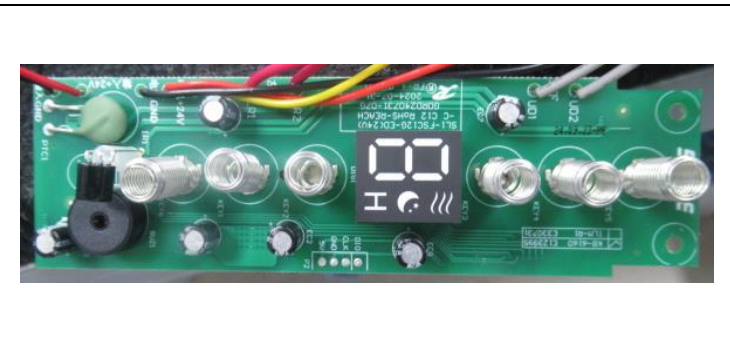
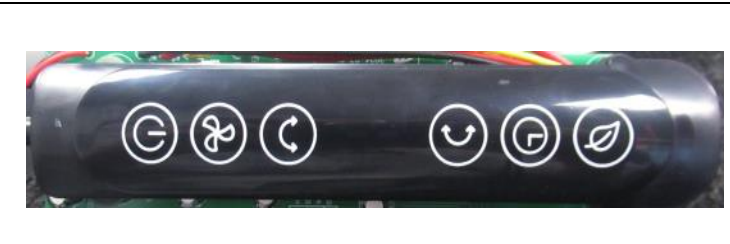
Fan Blade:	Appearance: Dimension:	Glossy Black color / Plastic materials Ø300 x 65mm (12 inches) / 210 grams 7 Blades
Stand:	Appearance: Dimension whole stand Dimension metal stand	Matte black color/ Plastic and metal material Ø50 x 625mm Ø50 x 450mm / 435 grams
Base plate:	Appearance: Dimension: Weight:	Glossy w/ matte black color / Plastic material Ø361 x 48 mm 805 grams

Unit Performance testing result

Performance Testing per Fan speed			
Fan Speed	Voltage	Current	Wattage
No. 1	230.0	0.08A	4.0 W
No. 2	231.0	0.10A	5.4 W
No. 3	230.0	0.10A	6.5 W
No. 4	230.0	0.17A	14.6 W
No. 5	230.0	0.20A	18.1 W
No. 6	231.1	0.24A	22.6 W
No. 7	230.1	0.28A	28.5 W
No. 8	231.1	0.33A	35.1 W

Power Consumption and Performance Testing					
Time	Fan Speed	Voltage	Wattage	Current	Ambiance
8:00 am to 11:00am	NO.8	230.0	35.2	0.33	25.2
11:00 am to 2:00pm	NO.8	231.0	34.9	0.33	25.4
2:00 pm to 5:00pm	NO.8	231.1	35.2	0.33	25.8
TOTAL		230.7 V	35.1 W	0.33 A	25.4°C
Consumption for 9 hours		0.25kw			
Consumption per hour		0.027kw			

Unit inner part / spec's

	FAN MOTOR DBT54M4BA1 T DC24V / 1.2A
	CONTROL AND DISPLAY BOARD KB-6061 / ILM-R1 SLI-FSC12G-ED (24V)
	CONTROL BUTTON / KEY Soft Touch function key
	VERTICAL SWING MOTOR JT (TY-50) AC: 24V / 50-60Hz / 4W / 1.5-1.8 r/min
	HORIZONTAL SWING MOTOR JT (TY-50) AC: 24V / 50-60Hz / 4W / 4 - 5 r/min



FAN BLADE

Ø300 x 65mm (12 inches) 7 Blades
210 grams



REMOTE CONTROL

No Model or specifications indicated
White color



BASE PLATE

Black color / Plastic material
Ø361 x 48 mm / 0.805 grams



ADAPTER

Model: HCX3801-240150U
Input: 100-240V~50-60Hz 1.6A
Output: 24V=1.75A



METAL STAND

Dimensions
Ø50 x 450mm / 435 grams



ACCESSORIES

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