

To : Mr. Oliver M. Filoteo
Chief Executive Officer
From : Quality Control Department
Re : Air Circulator fan
Date : November 28, 2024
Reference no. : QCD-ACF-12SRWDC-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-12SRWDC

Details checking:

Model : KCF-12SRWDC
Description : 12" DC INV Air Circulator (Black and White Stand Type)
EAN Number : 4806508236417
P/O Number : KT-2407GD-01
Lot Number : 055124001
Serial number range : 05512407-10001 to 11200 (1,200 units)
Printing Features : Dual box / Good clean and clear

Inspected units: Serial number 05512407-10454, 10446, 10423 and 11151



Primary box



Original box



Remarks:

1. First shipment for new model of Air Circulator, 12” 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	635 x 343 x 378mm 6.20 kilograms
Packaging Support	Top molded carton: Bottom molded carton: Carton board Divider:	330 x 157 x 460mm (0.315g) 332 x 132 x 465mm (0.280g) Single wall B flute (3.0mm thickness)
Carton Box	W x D x H / Weight: Type / Thickness:	630 x 340 x 375 mm / 0.830 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	29 W
	Rated Current	0.25 A
	Climate	T
Adapter	Input data Output data	AC 230V ~ 60hz DC 24V / 1.50A
Unit Dimensions	W x D x H Net Weight	361 x 361x Min 1046mm 3.98 kilogram
	Appearance	Black and White color with silver lining

Grills Front	Appearance	Black with Silver color / Plastic materials
	Dimensions: Diameter x Length	Ø260 x 88mm
	KOLIN logo	Black color with silver background Dimensions: 24 x 32mm
Ring Case	Appearance	Glossy white color / Plastic materials
	Dimensions: Diameter x Length	Ø264 x 120mm (front) Ø292 x 120mm (back)
Grills Back	Appearance	Black color / Plastic materials
	Dimensions: Diameter x Length	Ø295 x 190mm
Power Supply Adapter	Specifications:	Class 2 Power supply Model: HCX3601-2401500V Input: 100-240V 50-60Hz 1.2A Output: 24V / 1.5A
Power cord	Specifications: Appearance / Dimensions:	E3127853 / AWG 2464 / 22AWG x 2C 80°C 300V VW-1 Black color / Length: 1785mm

Unit checking for inner part:

Fan motor with Board	Brand name: Model Number: Specifications: Appearance:	ZHAOLI Motor DBT52H4BPO T DC12V / 1.2A Galvanize casing (dimensions) Ø61 x 145mm
Control Module	Control/Display board:	KB-6061 / ILM-R1 SLI-FSG10F-ED (24V)-R+R-C RoHS GDRD240731-06G 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 White color

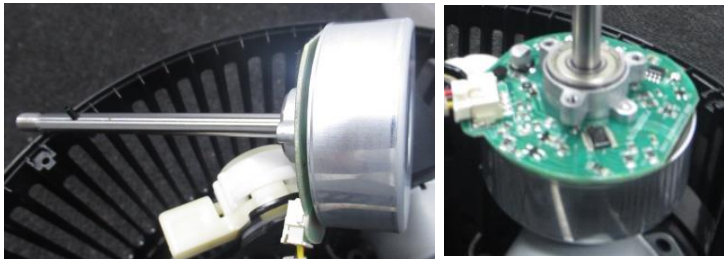
Fan Blade:	Appearance: Dimension:	Glossy Black color / Plastic materials Ø214 x 62mm (8.5 inches) / 105 grams 3 Blade inside 6 Blade outside
Stand:	Appearance: Dimension whole stand Dimension metal stand	White color/ Plastic and metal material Ø50 x 625mm Ø50 x 450mm / 445g
Base plate:	Appearance: Dimension: Weight:	Black and White 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	3.1 W
No. 2	231.0	0.09A	4.2 W
No. 3	230.0	0.09A	5.3 W
No. 4	230.1	0.10A	6.8 W
No. 5	230.0	0.13A	10.5 W
No. 6	231.0	0.17A	14.7 W
No. 7	230.1	0.20A	18.4 W
No. 8	231.1	0.26A	25.7 W

Power Consumption and Performance Testing					
Time	Fan Speed	Voltage	Wattage	Current	Ambiance
8:00 am to 11:00 am	NO.8	230.0	25.7	0.26	25.6
11:00 am to 2:00 pm	NO.8	231.0	24.3	0.26	25.4
2:00 pm to 5:00 pm	NO.8	230.1	24.2	0.26	24.8
TOTAL		230.0V	24.8W	0.24A	25.2°C
Consumption for 9 hours		0.23kw			
Consumption per hour		0.02kw			

Unit inner part / spec's

	FAN MOTOR DBT52H4BPO T DC12V / 1.2A
	CONTROL AND DISPLAY BOARD KB-6061 / ILM-R1 SLI-FSG10F-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



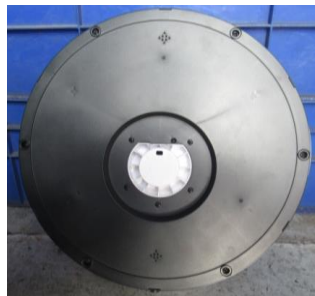
FAN BLADE

3 Blade inside 6 Blade outside
Ø214 x 62mm (8.5 inches)



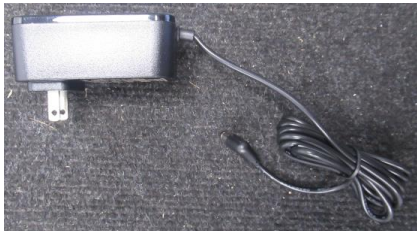
REMOTE CONTROL

No Model or specifications indicated
White color



BASE PLATE

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



ADAPTER

Model: HCX3601-2401500V
Input: 100-240V 50-60Hz 1.2A
Output: 24V / 1.5A



METAL STAND

Dimensions
Ø50 x 450mm / 445 grams



ACCESSORIES

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