



To : Mr. Oliver M. Filoteo
Executive Vice President / COO
From : Quality Control Department
Re : Portable air-conditioner
Date : June 03, 2024
Reference no. : QCD-PAC-150R15D410-24-06-001
Cc : FDF / A De Rivera / Dept. concern

Listed below are the specifications and parts of newly delivered Non inverter Portable air-conditioner, received and inspected this May 30, 2024.

KPA-150R15D410

Model : KPA-150R15D410
Description : Remote Control Non-Inverter Portable Air-conditioner
EAN Number : 4 806508 236080
P/O Number : KT-2401OU-01
Lot Number : 240223001
Serial number range : 24022312-10001 to 10440 (440 units)
Printing Features : Good and all labels are correct

Inspected units: **Kolin Serial number** 24022312 – 10349, 10060, 10409 and 10227



Remarks:

1. First shipment of Non-Inverter Portable Air conditioner 1.5 HP, a new KOLIN product.
2. Carton box and features are same from approved design.

Recommendations:

Units are automatically for 100% line inspection and testing. Put QR code to warranty. Also recommended for performance evaluation, and life testing.

Note: No sample unit for comparison, all reported details and specification are based on actual unit inspected.

Packaging and Carton box checking:

Packaging Dimensions	W x D x H Gross weight	490 x 381 x 878 mm 32.5 kg.
Packaging Support	Top support : Bottom support : Front & Side support: Corner support:	Styrofoam / Thickness 37mm Styrofoam / Thickness : 22mm Styrofoam / Thickness : 13mm Card Board/ thickness : 5mm
Carton Box	W x D x H / Weight : Type / Thickness :	494 x 384 x 878 mm / 1625grams Double wall, BE flute / 3.0mm
Carton base	W x D x H / Weight : Type / Thickness	482 x 370 x 50mm / 510g
Accessories	1. Owner 's Manual 2. Warranty Card 3. Remote control 4. Exhaust Hose 5. Hose connector 6. Window kit Adapter 7. Drainage Pipe 8. Window kit Bolt & nut	

Unit checking for outer part:

Specifications :	Phase	1Ph
	Voltage	230V~
	Frequency	60 Hz
	Nominal Capacity	1.5 hp
	Cooling Capacity	12,660 kJ/h 3.52 kW
	Power Input	1300W
	Input Current	5.8 A
	Max. Suction Pressure	0.7 MPa
	Max. Discharge Pressure	3.2 MPa
	Sound Pressure level	65 dB (A) High
	Moisture Protection	IPX1
	Refrigerant Type	R410A
	Refrigerant Charge	390g
Unit Dimensions	Width x Depth x Height	335 x 440 x 665mm
	Net weight	28.0 kg.
Unit Casing	Appearance:	White color plastic material, air ventilation on left & back , Air intake on upper back, Air exhaust on lower back part.

	Dimension:	432 x 294 x 669mm
	Front Logo (Appearance): (dimension):	KOLIN (Gray color) (45.5mm x 16.2mm)
	Swing louver (Appearance) (L x H x W)	Black color Plastic Material 315 x 100 x 60mm / Motorized / 1pc
	Air Intake Panel (Appearance) Dimension:	White color/ Plastic Material / Filter 341 x 238 x 15mm
	Air Filter (Appearance) Dimension:	White Color / Plastic material 283 x 304mm
	Control Panel (Appearance) Dimension:	Black color / Plastic Material 425 x 275 x 10mm
Power Cord	Color / Size : Specifications :	Gray color / (length) 2385mm SJT / 300V / 105°C/ 2.08mm ² / (14AWG) / X36

Unit checking for inner part:

Compressor Motor	Brand name: Model Number: Specifications: Manufacturer: Appearance:	RECHI PRECISION 44A2621 / Configuration # D7FJKC 208-230V ~ / 60Hz / 1Ph / LRA 27.6 / R410 K1DA-01 Made in china Black coated casing
Fan motor (Evaporator Side)	Brand name: Model Number: Part Number: Specification: Manufacturer: Appearance:	None YDK95-20-6DL (A015-12L-202D) 000490 2B05 220V ~ / 60Hz / 0.25A / 20W / 2uf / 450V Zhejiang Oulun Electric Co. ltd Galvanized Casing
Fan motor (Condenser Side)	Brand name: Model Number: Part Number: Specification: Manufacturer: Appearance:	None YDK95-50-6DL (A015-12L-203D) 000466 2A01 220V ~ / 60Hz / 0.5A / 50W / 5uf / 450V Zhejiang Oulun Electric Co. ltd Galvanized Casing
Control Module	Main PCB	102060500121007/ A 012B-R-P / 84A3-BDC4 031 / QC05 / 24-04-06 LC - O – 26A4-P / 20191022 / VER .1.4
	Control Board	102070500121004/ A012B-R-D 84A3-5E7B 063 / QC05 / 24.04.03 OL –A012B-D / 2020118 LCV .1.1
	Display Board	102070501504001 / A015 D – REC-LFD QC10 24.04.02 186 OL-A015D-LED / 202210.31 V1.0
	FM Capacitor	1 st CBB61 / 5uf / +/-5% / 450VAC / 50-60Hz
		2 nd 2uf / +/- 5% / 450VAC / 50-60Hz CP1-P2-31 / SH C61-P2
	Water Motor	OL48-20 / AC220V / 60Hz / (A015-210D) Zhejiang Oulun Electric Co. Ltd
	SR Capacitor	25uf / +/-5% / 450VAC / 50-60Hz CBB65
	Floater Switch	No spec's / 1340mm

	Remote Control (Type)	White color no spec's
	Swing Motor	30BY J46 / 12VDC / An shan chang Znou
	Control Box	GI Material
Unit Sensors	Temperature sensor: Tube sensor:	325mm (No spec's) 1155mm (No spec;s)
Evaporator	Aluminum fins : Copper tubing : Dimensions :	224pcs. Blue fins (Straight design) 3 rows of 36 lines of Ø 7.0mm (L x H x W)290 x 251 x 37mm
Condenser	Aluminum fins : Copper tubing : Dimensions :	190pcs. Silver fins (Straight design) 4 rows of 64 lines of Ø 5.0mm (L x H x W)254 x 310 x 35mm
Tubing system	Capillary tube (1pc.): Suction tube : High pressure tube : Strainer / Drier :	Ø 2.8mm Ø 9.2mm outside diameter Ø 8.0mm outside diameter None
Wheel Blower Evaporator side	Appearance: Dimensions :	White color / Plastic material Ø 180mm x 85mm (43 Leaves)
Wheel Blower Condenser side	Appearance: Dimensions :	Yellowish color / Plastic material Ø 230mm x 95mm (70 Leaves)
Other Parts	Drain pan (Appearance) Dimension: L x H x W	Black color / Plastic material 416 x 100 x 315mm
	Evaporator Blower Housing Dimension: W x D x H	Black color / Plastic material / 336 x 122 x 256mm
	Condenser Blower Housing Dimension: W x D x H	Black color / Plastic Material 170 x 330 x 333mm
	Unit Base Dimension: W x D x H	White color / Plastic Material 475 x 309 x 62mm
	Wheels:	Black color / plastic material / (4pcs)
Accessories	Exhaust Hose Dimension	Ø 146 x 244mm / 1700mm max stretched
	Window Kit Dimension	Light Gray color / 117 x 650 mm 1270mm Maximum / 910 minimum
	Window Kit Adapter Dimension	White color / Plastic material Ø 154 / 87 x 244mm
	Hose Connector	White color / Plastic Material Ø 54mm

UNIT PARTS APPEARANCE



COMPRESSOR MOTOR

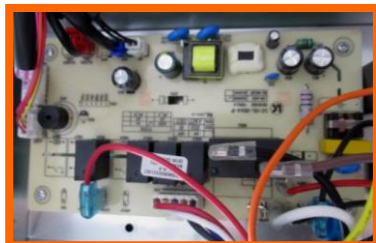
RECHI PRECISION
44A2621 / Configuration # D7FJKC
208-230V ~ / 60Hz / 1Ph / LRA 27.6 / R410
K1DA-01



FAN MOTOR (EVAPORATOR SIDE)
YDK95-20-6DL (A015-12L-202D)
000490 2B05
220V ~ / 60Hz / 0.25A / 20W / 2uf / 450V



FAN MOTOR (CONDENSER SIDE)
YDK95-50-6DL (A015-12L-203D)
000466 2A01
220V ~ / 60Hz / 0.5A / 50W / 5uf / 450V



MAIN PCB BOARD
102060500121007/ A 012B-R-P /
84A3-BDC4 031 / QC05 / 24-04-06
LC - O – 26A4-P / 20191022 / VER .1.4



CONTROL BOARD

102070500121004/ A012B-R-D
84A3-5E7B 063 / QC05 / 24.04.03
OL –A012B-D / 2020118 LCV .1.1



DISPLAY BOARD

102070501504001 / A015 D – REC-LFD
QC10 24.04.02 186
OL-A015D-LED / 202210.31 V1.0

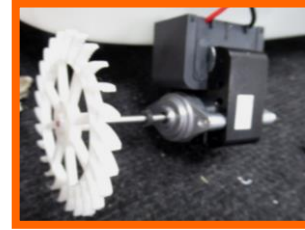


FM CAPACITOR
1st CBB61 / 5uf / +/-5% / 450VAC / 50-60Hz
2nd 2uf / +/- 5% / 450VAC / 50-60Hz
CP1-P2-31 / SH C61-P2



SR CAPACITOR

25uf / +/-5% / 450VAC / 50-60Hz CBB65



WATER MOTOR

OL48-20 / AC220V / 60Hz / (A015-210D)



FLOATER SWITCH



REMOTE CONTROL



WHEEL BLOWER

(EVAPORATOR SIDE)

White color / Plastic material
Ø 180mm x 85mm (43 Leaves)



WHEEL BLOWER

(CONDENSER SIDE)

Yellowish color / Plastic material
Ø 230mm x 95mm (70 Leaves)



EVAPORATOR

224pcs. Blue fins (Straight design)
3 rows of 36 lines of Ø 7.0mm
(L x H x W)290 x 251 x 37mm



CONDENSER

190pcs. Silver fins (Straight design)
4 rows of 64 lines of Ø 5.0mm
(L x H x W)254 x 310 x 35mm



SWING MOTOR
30BY J46 / 12VDC



ACCESSORIES