



To : Mr. Oliver M. Filoteo
Chief Executive Officer
From : Quality Control Department
Re : Dehumidifier
Date : March 14, 2025
Reference no. : QCD-DEH-30L410-25-03-001
Cc : FDF / A De Rivera / Dept. concern

Listed below are the specifications and parts of new model of dehumidifier. Received and inspected this March 13, 2025.

KD-30L410

Model : KD-30L410
Description : Dehumidifier
EAN Number : 4 806508236523
P/O Number : KT-2411OU- 03
Lot Number : 070824001
Serial number range : 07082411-10001 to 10812 (812 units)
Printing Features : Good and all labels are correct

Inspected units: Kolin Serial number 07082411- 10736, 10733, 10740 and 10728



Remarks:

1. First shipment for this new model of DC System Dehumidifier
2. Carton box and features are same from approved designed.
3. The unit label is complying on declared specification.

Recommendations:

Units are recommended for internal testing, such as performance, functional and life testing before the distribution to the dealers, we were also waiting for the certificate of exemption for the product.

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

Packaging and Carton box checking:

Packaging Dimensions	W x D x H Gross weight	400 x 328 x 610 mm 18.5 kg.
Packaging Support	Top support : Bottom support :	Styrofoam / Thickness : 25mm Styrofoam / Thickness : 24mm
Carton Box	W x D x H / Weight : Type / Thickness :	403 x 330 x 609 mm / 1,215g Double wall, C flute / 4.0mm
Accessories	Owner's Manual , Warranty Card , Drain hose (995mm Length)	

Unit checking for outer part:

Specifications :	Capacity	30L / DAY
	Power Supply	1Ph / 230V~ / 60Hz
	Power Input	340 W
	Input Current	1.6 A
	Max Discharge Pressure	4.2 MPa
	Max Suction Pressure	1.7 MPa
	Refrigerant Type / Charge	R410a / 200g
Unit Dimensions	Width x Depth x Height	355 x 275 x 528mm
	Net weight	15.5 kg
	Appearance	White color, plastic casing with KOLIN logo in front and top
	KOLIN logo (Front) (Top)	Gray color / 62 x 21mm Gray color / 30 x 38mm
	Air filter/ Appearance:	White color / 285 x 206 x 9mm
Power cord	Color / Size : Specifications : Plug type :	Gray color / Length 1,790 mm SJT / 3/C /18AWG (0.824mm ²)105°C 300V Type B

Unit checking for inner part:

Compressor Motor	Brand name: Model Number: Specifications: Manufacturer: Appearance:	GMCC ASK34N12VZH 208-230V / 60Hz / R410A Black coated casing
Fan Motor	Type: Model Part number: Specifications: Manufacturer: Appearance : Dimension:	B07850LV07 DC24V – 40 W Zhejiang Oulun Electric Galvanizing casing Ø 60 x 29 x 94mm
Control Module	Main PCB	102060207601011 / D076-DC-920-800 / 2025.01.05 OL-D024/STB / 2024-03-23
	Electrolytic Capacitor	15uf +/- 5% / 450 VAC / 50-60Hz / CBB65
	Front Display Board	102070207601005 / D076F- DISPLAY 2024.11.12
	Display Button Board	102070207601007 / D076A-NION –DISP 2025.01.08 / OL D076A-DISP
	Control box	GI materials casing
	Humidity Sensor	102081070301001 / OL-RH-R10 / 2023-2-15
	Swing Motor	12V DC / 24BYJ48 / Changzhou
	Water Sensor	No Spec's
Unit Sensors	Pipe sensor:	No Spec's
Evaporator	Aluminum fins : Aluminum tubing : Dimensions :	192pcs. Blue fins (Straight design) 2 rows of 20 lines of Ø 7.0mm (L x H x W) 240 x 212 x 25mm
Condenser	Aluminum fins : Copper tubing : Dimensions :	175pcs. Silver fins (Straight design) 3 rows, 38 lines with Ø 5.0mm each (L x H x W) 243 x 218 x 39mm
Wheel blower	Appearance: Dimensions :	Black color / Plastic materials 179 x 75 / 47 Leaves
Water Bucket	Appearance: Dimensions (W x D x H)	White Plastic Materials 345 x 154 x 217mm
Other Parts	Unit Base: Dimension: (W x D x H)	Black Color Plastic Materials 333 x 203 x 18mm
	Fan Motor Housing: Dimension : (W x D x H)	Black color Plastic Materials 282 x 218 x 260mm

UNIT PART'S APPEARANCE:



COMPRESSOR

GMCC
ASK34N12VZH
208-230V / 60Hz / R410A



FAN MOTOR

B07850LV07
DC24V – 40 W



MAIN PCB

102060207601011 / D076-DC-920-800 /
2025.01.05
OL-D024/STB / 2024-03-23



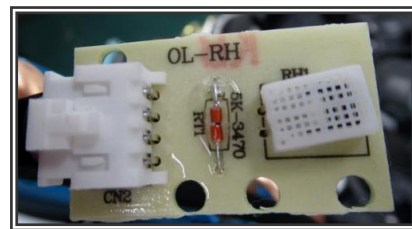
DISPLAY BUTTON BOARD

102070207601007 / D076A-NION –DISP
2025.01.08 / OL D076A-DISP



DISPLAY BOARD

102070207601005 / D076F- DISPLAY
2024.11.12



HUMUDITY SENSOR

102081070301001 / OL-RH-R10 / 2023-2-15



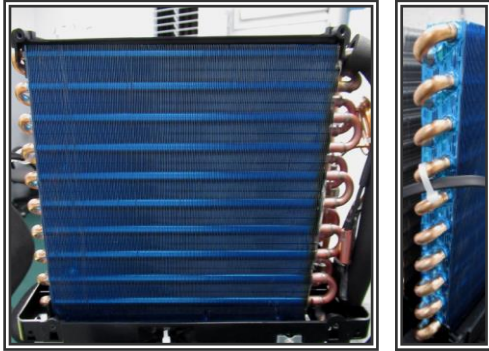
WHEEL BLOWER

Black color / Plastic materials
179 x 75 / 47 Leaves



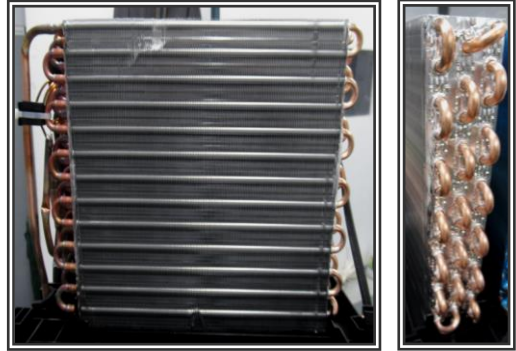
SWING MOTOR

12V DC / 24BYJ48



EVAPORATOR

192pcs. Blue fins (Straight design)
2 rows of 20 lines of Ø 7.0mm
(L x H x W) 240 x 212 x 25mm



CONDENSER

175pcs. Silver fins (Straight design)
3 rows, 38 lines with Ø 5.0mm each
(L x H x W) 243 x 218 x 39mm



AC CORD

Type B power plug



ACCESSORIES

Owner's Manual ,
Warranty Card ,
Drain hose (995mm Length)