



To : Mr. Oliver M. Filoteo  
Chief Executive Officer  
From : Quality Control Department  
Re : Split type air-conditioner  
Date : December 13, 2024  
Reference no. : QCD-SAC-15IWAH-I -24-12-001  
Cc. : FDF. / A De Rivera /Dept. concern

Listed below are the specifications and parts for the new model of Versa match Multi Split type air conditioner, received and inspected this December 11, 2024.

**KVM-15IWAH-I (1.5hp) (Versa Match)**  
**INDOOR UNIT**

**Details checking:**

**Model** : KVM-15IWAH-I  
**Description** : 1.5hp Wall mounted Inverter Versa match Air-con.  
**EAN Number** : 4 806508 236172  
**P/O Number** : KT-2407GR-18  
**Lot number** : 156124001  
**Serial number range** : 15612407-10001 to 10050 (50 units)  
**Printing Features** : Good, clear, and correct

**Inspected units:** **Kolin Serial number** 15612407-10018, 10009, 10005 and 10008  
**Supplier Serial no.** 4V08840000173, 00164, 00160 and 00163



**Remarks:**

First shipment for new model of multi split type inverter VERSA MATCH series. The carton box packaging dimensions, and specs are based on approved designed. The internal parts inspected are based on the actual unit.

**Recommendations:**

1. For rework to attach the QR code on warranty card.
2. For internal performance, functional and life testing.

**Note:** All details and specifications reported are based on the actual unit inspected, And supplier's spec's sheets, no sample unit for the comparisons.

### Packaging and Carton box checking:

<b>Packaging Dimensions:</b>	W x D x H Gross weight	908 x 388 x 275mm 11.0 kg.
<b>Carton Box Dimensions:</b>	W x D x H / Weight: Type / Thickness:	908 x 345 x 285mm / 1515 grams Double wall, BC flute / 6.0mm
<b>Packaging Support:</b>	Right side support: Left side support: Poly plastic bag:	Styrofoam / Thickness: 30mm / 0.120g. Styrofoam / Thickness: 30mm / 0.120g. Weight: 0.045grams
<b>Accessories:</b>	Owner's Manual Warranty card, Remote Controller, AAA Battery Remote Holder Screw (2pcs) Screw & clip anchor (5pcs) Flare nut, nut Ø1/4 and Ø3/8	

### Unit checking for outer part:

<b>Specifications</b>	Phase	Single
	Volts	230 V~
	Frequency	60Hz
	Nominal Capacity	1.5hp
	Cooling Capacity	12,660 kJ/h 3.52kW
	Max Discharge Pressure	4.3 MPa
	Max Suction Pressure	2.5 MPa
	Fan Motor Power Input	40 Watts / 1.0 Amperes
	Moisture Protection	IPX0
	Sound Pressure level	39 dB(A) High
	Refrigerant type	R 32
	Refrigerant Piping	1/4" & 3/8"
<b>Unit Dimension</b>	W x D x H Net weight	835 x 200 x 275mm 9.0 kg
<b>Appearance</b>	Glossy white casing, plastic materials LED display on right side. Center KOLIN logo and INVERTER logo on right side.	
<b>Front panel</b>	Dimensions (W x H)	832 x 237 mm
<b>Kolin Logo</b>	Color / Dimensions (W x H)	Cool Gray / 45 x 16 mm
<b>Inverter Logo</b>	Color / Dimensions (W x H)	Green / 70 x 17 mm
<b>Air Filter</b>	Color / Dimensions	White / 648 x 174 mm
<b>Wall Bracket</b>	Materials / Dimension (W x H)	GI Metal / 378 x 258 mm
<b>Swing Louver:</b>	Horizontal (Dimension) Vertical (Dimension)	719 x 28 x 75mm (1pc) Motorized 524 x 60 x 35mm (10pcs) Motorized
<b>Power Cord:</b>	No power cord	

## Unit checking for inner part:

<b>Blower Fan Motor:</b>	Type: Model: Part number: Specifications: Manufacturer: Appearance:	Fan motor for Air conditioner RPG20B-3 (FN20B-PG) 15010106028201 208-230V~ 60Hz / 20W / 0.22A / 4P/ IP20
	<b>FM Capacitor:</b>	1 $\mu$ f $\pm$ 5% 450VAC / 50-60Hz CBB61
<b>Control Module:</b>	<b>Main PCB:</b>	300002063819 / M871F GRJ871-A1 (V1) 2022/04/06/14 TL.6
	<b>Display PCB:</b>	300001061359 / D5685AC GRJ568-B3 (V1) 2022 / 04 / 06 / 11 TL.6
	<b>Ionizer:</b>	NET ION Generator HB-102D3 Input Voltage: 12v Power: $\leq$ 1W Zhenjiang Hanbang Technology
	<b>Remote Control:</b>	(Type) YAP 1F / AAA Battery / 1.5V x 2
	<b>Control Box:</b>	White Plastic materials
<b>Swing Motor:</b>	Horizontal: Vertical:	Step Motor / MP24HF / 12V Step Motor / MP24HF 12V
<b>Unit Sensor:</b>	Temperature / Tubing	GL/GW 15K / GL/GW 20K
<b>Evaporator:</b>	Aluminum fins: Copper tubing: Dimensions:	525pcs. Blue Aluminum fins 2 rows of 28 lines with $\varnothing$ 5.0mm each (L x H x W) 634 x 266 x 23mm
<b>Copper tube:</b>	High side / Low side	$\varnothing$ 1/4" and $\varnothing$ 3/8" with flare cover (plastic)
<b>Wheel blower :</b>	Appearance: Dimension:	Green color / ABS Plastic materials $\varnothing$ 94mm x 629mm
<b>Back casing:</b>	Appearance: Dimension: W x D x H)	Light gray color, plastic material 815 x 268 x 178mm

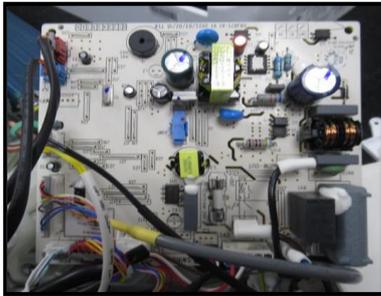
## Unit inner part / spec's

	<p><b>FAN MOTOR</b></p> <p>RPG20B-3 (FN20B-PG) 15010106028201 208-230V~ 60Hz / 20W / 0.22A / 4P/ IP20</p>
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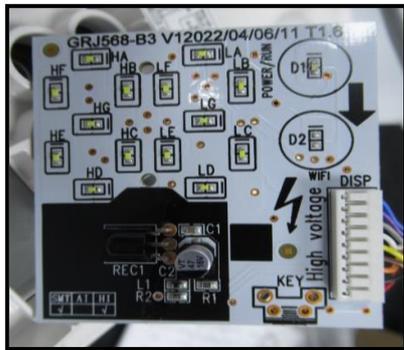
### FM CAPACITOR

1µf ±5% 450VAC / 50-60Hz CBB61



### MAIN PCB

300002063819 / M871F  
GRJ871-A1 (V1) 2022/04/06/14 TI.6



### DISPLAY PCB

GRJ568-B3 (V1) 2022 / 04 / 01 / 11 TI.6



### IONIZER

NET ION Generator  
HB-102D3  
Input Voltage: 12v  
Power: ≤ 1W



### REMOTE CONTROLLER

YAP 1F  
AAA Battery / 1.5V x 2



### SWING MOTOR

Step Motor / MP24HF / 12V  
Step Motor / MP24HF 12V

	<p style="text-align: center;"><b>EVAPORATOR</b></p> <p style="text-align: center;">Blue Aluminum fins 2 rows of 28 lines with Ø5.0mm each (L x H x W) 635 x 261 x 23mm</p>
	<p style="text-align: center;"><b>COPPER TUBE</b></p> <p style="text-align: center;">Ø1/4” and Ø3/8” with flare cover</p>
	<p style="text-align: center;"><b>BLOWER WHEEL</b></p> <p style="text-align: center;">Green color / ABS Plastic materials Ø94mm x 629mm</p>
	<p style="text-align: center;"><b>ACCESSORIES</b></p> <p style="text-align: center;">Owner’s Manual Warranty card, Remote Controller AAA Battery Remote Holder Screw (2pcs) Screw &amp; clip anchor (5pcs) Flare nut, nut Ø1/4 and Ø3/8</p>

For your reference,

Prepared by : Jayson L. Pagacita  
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Approved by : Mr. Fernando D. Feliciano  
Plant Operations Manager