



To : Mr. Oliver M. Filoteo  
Chief Executive Officer  
From : Quality Control Department  
Re : Split type air-conditioner  
Date : December 12, 2024  
Reference no. : QCD-SAC-40VAHM-O -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 10, 2024.

**KVM-40VAH1M-O (4.0hp) (Versa Match)**  
**OUTDOOR UNIT**

**Details checking:**

**Model** : KVM-40VAH1M-O  
**Description** : 4.0hp Versa match Air-con. Outdoor unit  
**EAN Number** : 4 806508 236332  
**P/O Number** : KT-2407GR-18  
**Lot number** : 157724001  
**Serial number range** : 15772407-10001 to 10020 (20 units)  
**Printing Features** : Good, clear, and correct

**Inspected units:** **Kolin Serial number** 15772407-10015, 10008, 10004 and 10016  
**Supplier Serial no.** 4V07540000428, 00421, 00417 and 00429



**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	1032 x 456 x 737mm 55. kg.
<b>Carton Box Dimensions:</b>	W x D x H / Weight: Type / Thickness:	1025 x 460 x 720mm / 2.710 grams Double wall, BC flute / 6.0mm
<b>Packaging Support:</b>	Top support: Bottom support: Styrofoam weight: Poly bag weight: Carton base:	Styrofoam / Thickness: 62mm Styrofoam / Thickness: 45mm 0.610 grams 070 grams 1012 x 439 x 55mm / Single wall B flute 3.0mm
<b>Accessories:</b>	Owner's Manual, Sticker serial number, Drain plug (4pcs.), Drain joint, Flare nut 3/8 (2pcs) 1/2 (3pcs.) 5/8 (2pcs.)	

**Unit checking for outer part:**

<b>Specifications</b>	Phase	Single
	Volts	230 V~
	Frequency	60Hz
	Nominal Capacity	4.0hp
	Cooling Capacity	37,980 kJ/h 10.55 Kw
	Power Input	2,700 W
	Input Current	12. 0 A
	Rated Power	3,600W / 17.0A
	Max Discharge Pressure	4.3 MPa
	Max Suction Pressure	2.5 MPa
	Moisture Protection	IPX4
	Sound Pressure level	58 dB(A) High
	Refrigerant type	R 32
	Refrigerant charge	1.80 kilograms
Refrigerant Piping	1/4" & 3/8" (4 pairs)	
<b>Unit Dimension</b>	W x D x H Net weight	964 x 402 x 660mm 51.0 kg
<b>Appearance</b>	Dirty white coated casing with plastic grill on propeller fan and metal grill at condenser area.	
<b>Kolin Logo</b>	Color / Dimensions (W x H)	Green and white / 160 x 225mm

**Unit checking for inner part:**

<b>Compressor Motor:</b>	Brand: Model: Specifications: Manufacturer: Appearance: Oil separator:	GREE QXFS-B212Zx070 260-350V / 900-7200rpm / R32/R410A Zhuhai Landa Compressor Black coated casing
<b>Fan Motor:</b>	Type: Model: Part number: Specifications: Manufacturer: Appearance:	Brushless DC motor for Air conditioner ZW511C500007 (B-LW60R-ZL) 150104060103 DC310V / 60W / 900 r/min / 10P/ IP44 Zhongshan Broad-Ocean motor White coated casing
<b>Control Module:</b>	<b>Main PCB :</b>	300027063088 / W8882AZ GRJW888-A2 (V1) 2024/05/28/15 T2.0
	<b>Electrolytic capacitor:</b>	1000µf / 450V / 105° (2 pcs)
	<b>Heat zinc</b>	Dimensions: 192 x 70 x 70mm
	<b>Control Box:</b>	Black Plastic materials
<b>4 way valve</b>	Brand / Model:	DUNAN / DSF-11R410A / SH-W2b
<b>Electronic Expansion valve</b>	Brand / Spec's.:	DUNAN / DC12V (5pcs.)
<b>Pressure Switches</b>	SPH: OFF: ON:	4.6 / 3.8 4.6 MPa 3.8 MPa
<b>Unit Sensors:</b>	Temperature sensor: Tube sensor: Compressor sensor:	GL 15K GL 20K (9pcs) GL 50K
<b>Condenser:</b>	Aluminum fins: Copper tubing: Dimensions:	576pcs. Blue Aluminum fins (L curve design) 2 rows of 56 lines with Ø8.0mm each (L x H x W) 860 x 616 x 38mm
<b>Copper tube:</b>	High side / Low side	Ø1/4" and Ø3/8" with flare nut (4 pairs)
<b>Propeller fan :</b>	Appearance: Dimension:	Yellowish color, plastic materials Ø535mm x 150mm

**Unit inner part / spec's**



**COMPRESSOR MOTOR**

GREE  
QXFS-B212Zx070  
260-350V / 900-7200rpm / R32/R410A



**FAN MOTOR**

Brushless DC motor for Air conditioner  
ZW511C500007 (B-LW60R-ZL)  
150104060103  
DC310V / 60W / 900 r/min / 10P/ IP44



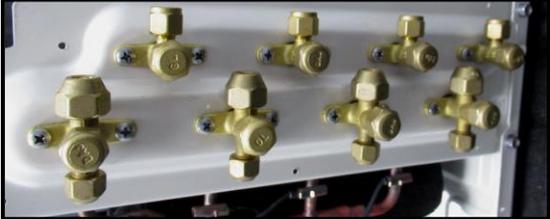
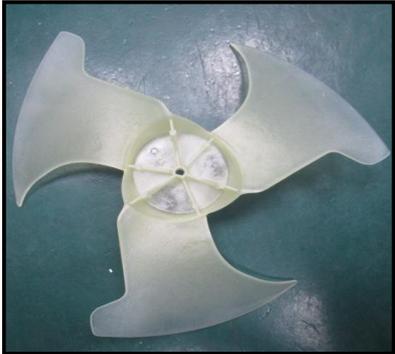
**MAIN PCB**

300027063088 / W8882AZ  
GRJW888-A2



**ELECTRONIC EXPASION VALVE**

DUNAN / DC12V (4pcs.)

	<p style="text-align: center;"><b>CONDENSER</b></p> <p style="text-align: center;">Blue Aluminum fins (L curve design) 2 rows of 56 lines with Ø8.0mm each (L x H x W) 855 x 617 x 38mm</p>
	<p style="text-align: center;"><b>COPPER TUBING</b></p> <p style="text-align: center;">Ø1/4" and Ø3/8" (4 pairs)</p>
	<p style="text-align: center;"><b>PROPELLER FAN</b></p> <p style="text-align: center;">Yellowish color, plastic materials Ø535mm x 150mm</p>

For your reference,

Prepared by : Jayson L. Pagacita  
Quality Control Staff

Noted by : Alberto I. Francisco  
QC, Asst. Supervisor

Approved by : Mr. Fernando D. Feliciano  
Plant Operations Manager