



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-20ICAH-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-20ICAH-I (2.0hp) (Versa Match)**  
**INDOOR UNIT**

**Details checking:**

**Model** : KVM-20ICAH-I  
**Description** : 2.0hp Floor Ceiling Inverter Versa match Air-con.  
**EAN Number** : 4 806508 236226  
**P/O Number** : KT-2407GR-18  
**Lot number** : 156624001  
**Serial number range** : 15662407-10001 to 10005 (5 units)  
**Printing Features** : Good, clear, and correct

**Inspected units:** **Kolin Serial number** 15682407-10005, 10002, 10003 and 10004  
**Supplier Serial no.** 9CM1640000006, 00003, 00004 and 00005



**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	1033 x 770 x 300mm 30.5 kg.
<b>Carton Box Dimensions:</b>	W x D x H / Weight: Type / Thickness:	1035 x 765 x 295mm / 2380 grams Double wall, BC flute / 6.0mm
<b>Packaging Support:</b>	Right side support: Left side support: Top/Bottom support: Poly plastic bag:	Styrofoam / Thickness: 30mm / 0.340g. Styrofoam / Thickness: 30mm / 0.340g. Styrofoam / Thickness: 30mm / 0.290g. Weight: 0.070g. and 0.020g.
<b>Accessories:</b>	Owner's Manual, Warranty card Remote Controller, AAA Battery Remote Holder, Screw (2pcs) Pipe insulation sheath (2pcs.) Installation nut (8 pcs.), Cable ties (4pcs) Flare nut, nut Ø1/4 and Ø1/2	

### Unit checking for outer part:

<b>Specifications</b>	Phase	Single
	Volts	230 V~
	Frequency	60Hz
	Nominal Capacity	2.0hp
	Cooling Capacity	18,990 kJ/h 5.27kW
	Max Discharge Pressure	4.3 MPa
	Max Suction Pressure	2.5 MPa
	Fan Motor Power Input	32 Watts / 1.0 Amperes
	Moisture Protection	IPX0
	Sound Pressure level	35 dB(A) High
	Refrigerant type	R 32
	Refrigerant Piping	1/4" & 1/2"
<b>Unit Dimension</b>	W x D x H Net weight	870 x 235 x 665mm 25.5 kg
<b>Appearance</b>	Glossy dirty white casing, plastic materials LED display and indicator on left side. Center KOLIN logo and INVERTER logo on right side.	
<b>Kolin Logo</b>	Color / Dimensions (W x H)	Cool Gray / 68 x 24mm
<b>Inverter Logo</b>	Color / Dimensions (W x H)	Green / 82 x 20 mm
<b>Air Intake panel</b>	Color / Dimensions	Dirty white / 389 x 279 mm (2pcs.)
<b>Air Filter</b>	Color / Dimensions	White / 382 x 247 mm (2pcs.)
<b>Swing Louver:</b>	Horizontal (Dimension) Vertical (Dimension)	568 x 60mm (2pcs) Motorized 210 x 60 x 90mm (5pcs x 2 sets) 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 A synchronism motor for Air conditioner YSK15-4A (FG10A) 1570940901 220-240V~ 50Hz / 208-230V~ 60Hz / 15W 0.28A / 790 r/min / 4P/ IP20 Zhuhai Kaibang Motors Black coated casing
<b>Control Module:</b>	<b>FM Capacitor:</b>	1µf ±5% 450VAC / 50-60Hz CBB61
	<b>Main PCB:</b>	300002060140 / Z4L2512AJ GRZ4M-A4 (V1) 2022/07/24/12 TI.6
	<b>Display Board:</b>	30294000009 / Z4L25 GRZ4L-B (V1) 2019 / 05 / 18 / 15 TI.6
	<b>Remote Control:</b>	(Type) YAP 1F / AAA Battery / 1.5V x 2
	<b>Control Box:</b>	GI and Plastic materials
<b>Swing Motor:</b>	Horizontal:	MP35CG / 12V (2 pcs.)
<b>Unit Sensor:</b>	Temperature / Tubing	GL/GW 15K / GL/GW 20K
<b>Evaporator:</b>	Aluminum fins: Copper tubing: Dimensions:	475pcs. Blue Aluminum fins 3 rows of 48 lines with Ø5.0mm each (L x H x W) 575 x 302 x 43mm
<b>Copper tube:</b>	High side / Low side	Ø1/4" and Ø1/2" with flare cover (plastic)
<b>Blower wheel:</b>	Appearance: Dimension:	Yellowish color / ABS Plastic materials Ø155mm x 185mm (2pcs.) 41 Leaves
<b>Top cover:</b>	Appearance: Dimension:	Dirty white coated, metal material 815 x 350 x 40mm
<b>Blower housing:</b>	Appearance: Dimension:	Dirty white color, plastic materials (2pcs.) 240 x 265 x 210mm

**Unit inner part / spec's**

	<p style="text-align: center;"><b>FAN MOTOR</b></p> <p style="text-align: center;">YSK15-4A (FG10A) PART # 1570940901 220-240V~ 50Hz / 208-230V~ 60Hz / 15W</p>
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### FM CAPACITOR

1 $\mu$ f  $\pm$ 5% 450VAC / 50-60Hz CBB61



### MAIN PCB

300002060140 / Z4L2512AJ  
GRZ4M-A4 (V1) 2022/07/24/12 TI.6



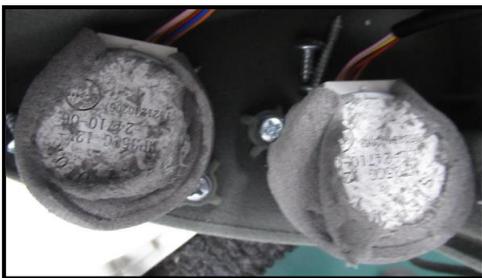
### DISPLAY PCB

30294000009 / Z4L25  
GRZ4L-B (V1) 2019 / 05 / 18 / 15 TI.6



### REMOTE CONTROLLER

YAP 1F  
AAA Battery / 1.5V x 2



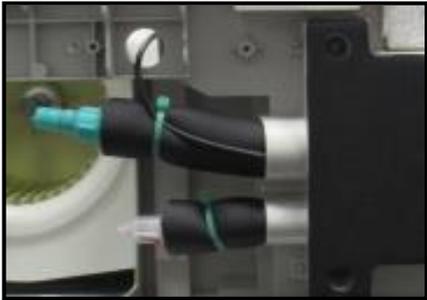
### SWING MOTOR

MP35CG / 12V (2 pcs.)



### EVAPORATOR

Blue Aluminum fins  
3 rows of 48 lines with  $\text{\O}5.0\text{mm}$  each  
(L x H x W) 575 x 302 x 43mm

	<p style="text-align: center;"><b>COPPER TUBING</b></p> <p style="text-align: center;">Ø1/4" and Ø1/2" with flare cover</p>
	<p style="text-align: center;"><b>BLOWER WHEEL</b></p> <p style="text-align: center;">Yellowish color / ABS Plastic materials Ø155mm x 185mm (2pcs.)</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) Pipe insulation sheath (2pcs.) Installation nut (8 pcs.), Cable ties (4pcs) Flare nut, nut Ø1/4 and Ø1/2</p>

For your reference,

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Plant Operations Manager