



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-25ICAH-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-25ICAH-I (2.5hp) (Versa Match)
INDOOR UNIT

Details checking:

Model : KVM-25ICAH-I
Description : 2.5hp Floor Ceiling Inverter Versa match Air-con.
EAN Number : 4 806508 236233
P/O Number : KT-2407GR-18
Lot number : 156724001
Serial number range : 15672407-10001 to 10005 (5 units)
Printing Features : Good, clear, and correct

Inspected units: **Kolin Serial number** 15672407-10001, 10005, 10003 and 10004
Supplier Serial no. 9CM1540000006, 00006, 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:

Packaging Dimensions:	W x D x H Gross weight	1363 x 770 x 300mm 40.0 kg.
Carton Box Dimensions:	W x D x H / Weight: Type / Thickness:	1365 x 773 x 295mm / 2830 grams Double wall, BC flute / 6.0mm
Packaging Support:	Right side support: Left side support: Top/Bottom support: Poly plastic bag:	Styrofoam / Thickness: 30mm / 0.360g. Styrofoam / Thickness: 30mm / 0.360g. Styrofoam / Thickness: 30mm / 0.270g. Weight: 0.100g. and 0.020g.
Accessories:	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 Ø3/8and Ø5/8	

Unit checking for outer part:

Specifications	Phase	Single
	Volts	230 V~
	Frequency	60Hz
	Nominal Capacity	2.5hp
	Cooling Capacity	23,210 kJ/h 6.45kW
	Max Discharge Pressure	4.3 MPa
	Max Suction Pressure	2.5 MPa
	Fan Motor Power Input	47 Watts / 1.0 Amperes
	Moisture Protection	IPX0
	Sound Pressure level	35 dB(A) High
	Refrigerant type	R 32
	Refrigerant Piping	3/8" & 5/8"
Unit Dimension	W x D x H Net weight	1200 x 235 x 665mm 33.0kg
Appearance	Glossy dirty white casing, plastic materials LED display and indicator on left side. Center KOLIN logo and INVERTER logo on right side.	
Kolin Logo	Color / Dimensions (W x H)	Cool Gray / 68 x 24mm
Inverter Logo	Color / Dimensions (W x H)	Green / 82 x 20 mm
Air Intake panel	Color / Dimensions	Dirty white / 370 x 279 mm (3pcs.)
Air Filter	Color / Dimensions	White / 362 x 247 mm (3pcs.)
Swing Louver:	Horizontal (Dimension) Vertical (Dimension)	900 x 60mm (2pcs) Motorized 210 x 60 x 90mm (5pcs x 3 sets) Motorized
Power Cord:	No power cord	

Unit checking for inner part:

Blower Fan Motor:	Type: Model: Part number: Specifications: Manufacturer: Appearance:	Fan A synchronism motor for Air conditioner YSK20-6A (FN20T) 150101000102 220-240V~ 50Hz / 208-230V~ 60Hz / 20W 0.27A / 760 r/min / 6P/ IP20 Zhuhai Kaibang Motors Black coated casing
Control Module:	FM Capacitor:	2 μ f \pm 5% 450VAC / 50-60Hz CBB61
	Main PCB:	300002060140 / Z4L2512AJ GRZ4M-A4 (V1) 2022/07/24/12 TL6
	Display Board:	30294000009 / Z4L25 GRZ4L-B (V1) 2019 / 05 / 18 / 15 TL6
	Remote Control:	(Type) YAP 1F / AAA Battery / 1.5V x 2
	Control Box:	GI and Plastic materials
Swing Motor:	Horizontal:	Step motor MP35CG / 12V (2 pcs.)
Unit Sensor:	Temperature / Tubing	GL/GW 15K / GL/GW 20K
Evaporator:	Aluminum fins: Copper tubing: Dimensions:	710pcs. Blue Aluminum fins 3 rows of 48 lines with \varnothing 5.0mm each (L x H x W) 900 x 305 x 40mm
Copper tube:	High side / Low side	\varnothing 3/8" and \varnothing 5/8" with flare cover (plastic)
Blower wheel:	Appearance: Dimension:	Yellowish color / ABS Plastic materials \varnothing 155mm x 185mm (3pcs.) 41 Leaves each
Top cover:	Appearance: Dimension:	Dirty white coated, metal material 1140 x 353 x 35mm
Blower housing:	Appearance: Dimension:	Dirty white color, plastic materials 240 x 265 x 210mm (3pcs.)



FAN MOTOR

YSK20-6A (FN20T)
150101000102
220-240V~ 50Hz / 208-230V~ 60Hz / 20W



FM CAPACITOR

2 μ 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

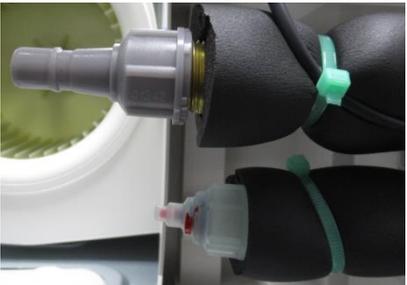
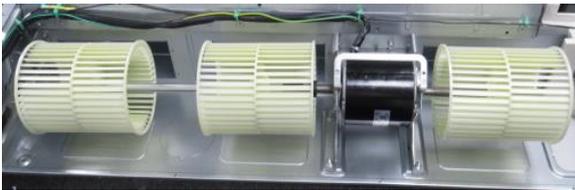


EVAPORATOR

Step motor MP35CG / 12V (2 pcs.)



Blue Aluminum fins
3 rows of 48 lines with \varnothing 5.0mm each
(L x H x W) 900 x 305 x 40mm

	<p style="text-align: center;">COPPER TUBING</p> <p style="text-align: center;">Ø3/8” and Ø5/8” with flare cover</p>
	<p style="text-align: center;">BLOWER WHEEL</p> <p style="text-align: center;">Yellowish color / ABS Plastic materials Ø155mm x 185mm (3pcs.)</p>
	<p style="text-align: center;">ACCESSORIES</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 Ø3/8and Ø5/8</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