



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-15IDAH-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 09, 2024.

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

Details checking:

Model : KVM-15IDAH-I
Description : 1.5hp Ceiling Concealed Inverter Versa match Air-con.
EAN Number : 4 806508 236295
P/O Number : KT-2407GR-18
Lot number : 157324001
Serial number range : 15732407-10001 to 10005 (5 units)
Printing Features : Good, clear, and correct

Inspected units: **Kolin Serial number** 15732407-10002, 10001, 10005 and 10003
Supplier Serial no. 9CM7240000003, 00002, 00006 and 00004



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	1008 x 568 x 275mm 23 kg.
Carton Box Dimensions:	W x D x H / Weight: Type / Thickness:	1005 x 571 x 268mm / 1765 grams Double wall, BC flute / 6.0mm
Packaging Support:	Right side support: Left side support: Top support: Bottom support: Carton base:	Carton / Thickness: 25mm / 0.455g. Carton / Thickness: 25mm / 0.305g. Carton / Thickness: 25mm / 0.145g. Carton / Thickness: 30mm / 0.440g. Double wall, BC flute / 6.0mm 987 x 550 x 103mm / 0.805g.
Accessories:	Owner's Manual, Wired control manual, Warranty card Display wired controller, Controller cable (8000mm length) Controller holder, Screw (2pcs) Insulation foam (2pcs.) Pipe insulation sheath (2pcs. / 158mm length) Clip on ring Ø9mm and Ø6mm Installation nut (4 pcs.), Cable ties (8pcs) Lock washers (4pcs.) Nut with washers Flare nut, nut Ø1/4 and Ø3/8	

Unit checking for outer part:

Specifications	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	50 Watts / 1.0 Amperes
	Moisture Protection	IPX0
	Sound Pressure level	36 dB(A) High
	Refrigerant type	R 32
	Refrigerant Piping	1/4" & 3/8"
Unit Dimension	W x D x H Net weight	710 x 450 x 200mm 19 kg
Appearance	Galvanized coated casing with orange sticker KOLIN logo. Transferable air intake panel back and bottom.	
Kolin Logo	Color / Dimensions (W x H)	Orange / 81 x 28mm
Air Filter	Color / Dimensions	Green and Black / 345 x 189mm

Unit checking for inner part:

Blower Fan Motor:	Type: Model: Part number: Specifications: Manufacturer: Appearance:	Fan A synchronism motor for Air conditioner YSK20-4U (FG20H) 1570520106 220-240V~ 50Hz / 208-230V~ 60Hz / 20W 0.35A / 1000 r/min / 4P/ IP20 Zhuhai Kaibang Motors Galvanize coated casing
Control Module:	FM Capacitor:	3.5 μ f \pm 5% 450VAC / 50-60Hz CBB61
	Main PCB:	300002061990 / Z4L1512CJ GRZ4M-A4 (V1) 2022/07/24/12 T1.6
	Wired Remote Control:	300001060893 / K79941 / Z4M3511AJ GRZ4M-B (V1) 2023 / 09 / 09 / 11 T1.6 GRZ60-D9 / 2020 / 24 / 10 T1.6
	Drain Pump	AC220-240 / 50-60Hz / PSB.12A / 12W / 0.8W / 1.4W / 1200mm 400m/min / 812007060016 HUAYANG
	Control Box:	GI and Plastic materials
Unit Sensor:	Temperature / Tubing	GL/GW 15K / GL/GW 20K
Evaporator:	Aluminum fins: Copper tubing: Dimensions:	428pcs. Blue Aluminum fins 3 rows of 36 lines with \varnothing 5.0mm each (L x H x W) 545 x 230 x 35mm
Copper tube:	High side / Low side	\varnothing 1/4" and \varnothing 3/8" with flare cover (plastic)
Wheel blower :	Appearance: Dimension:	Yellowish color / ABS Plastic materials (41L) \varnothing 144mm x 143mm (2pcs.)
Blower housing:	Appearance: Dimension:	Yellowish color, plastic materials (2pcs.) 229 x 207 x 203mm
Drain pan:	Appearance: Dimension:	Styrofoam and, plastic materials 698 x 262 x 60mm
Others:	Top Cover:	GI Materials / 712 x 249mm

Unit inner part / spec's



FAN MOTOR

YSK20-4U (FG20H)
1570520106
220-240V~ 50Hz / 208-230V~ 60Hz / 20W



FM CAPACITOR

3.5 μ f \pm 5% 450VAC / 50-60Hz CBB61



MAIN PCB

300002061990 / Z4L1512CJ
GRZ4M-A4 (V1) 2022/07/24/12 TL6



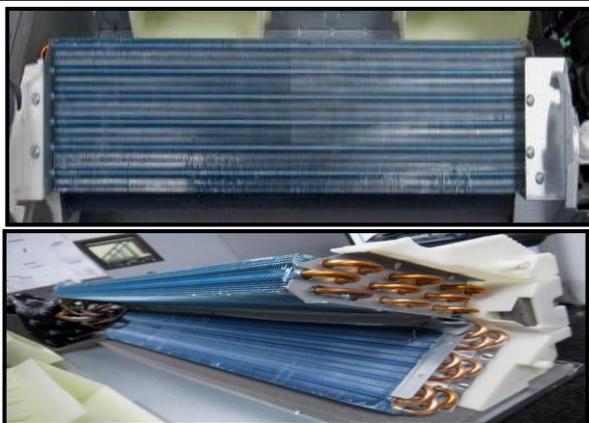
DRAIN PUMP

AC220-240 / 50-60Hz /
PSB.12A / 12W / 0.8W / 1.4W / 1200mm
400m/min /
812007060016



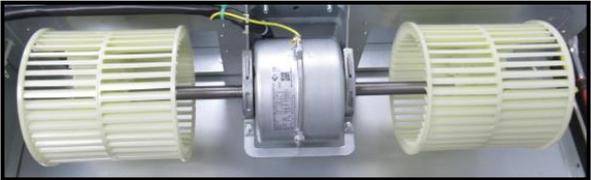
WIRE REMOTE CONTROL

300001060893 / K79941
Z4M3511AJ



EVAPORATOR

Blue Aluminum fins
3 rows of 36 lines with \varnothing 5.0mm each
(L x H x W) 547 x 230 x 35mm

	<p style="text-align: center;">COPPER TUBING</p> <p style="text-align: center;">Ø1/4" and Ø3/8" with flare cover</p>
	<p style="text-align: center;">BLOWER WHEEL</p> <p style="text-align: center;">Yellowish color, plastic materials (2pcs.) Ø144 x 143mm</p>
	<p style="text-align: center;">ACCESSORIES</p> <p>Owner's Manual, Wired control manual, Warranty card Display wired controller, Controller cable (8000mm length) Controller holder, Screw (2pcs) Insulation foam (2pcs.) Pipe insulation sheath (2pcs. / 158mm length) Clip on ring Ø9mm and Ø6mm Installation nut (4 pcs.), Cable ties (8pcs) Lock washers (4pcs.) Nut with washers Flare nut, nut Ø1/4 and Ø3/8</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