



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-15ISAH-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-15ISAH-I (1.5hp) (Versa Match)
INDOOR UNIT

Details checking:

Model : KVM-15ISAH-I
Description : 1.5hp Ceiling Cassette Inverter, Versa match Air-con.
EAN Number : 4 806508 236257
P/O Number : KT-2407GR-18
Lot number : 156924001
Serial number range : 15692407-10001 to 10005 (5 units)
Printing Features : Good, clear, and correct

Inspected units: **Kolin Serial number** 15692407-10005, 10003, 10001 and 10004
Supplier Serial no. 9CL9540000006, 00004, 00002 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	698 x 653 x 295mm 22.0 kg.
Carton Box Dimensions:	W x D x H / Weight: Type / Thickness:	695 x 655 x 290mm / 1580 grams Double wall, BC flute / 6.0mm
Packaging Support:	Top support: Bottom support: Foam support: Carton board:	Carton 67 x 630 x 110mm / 0.615g. Carton 670 x 630 x 123mm / 0.940g. White color, Thickness: 10mm / 0.080g. Thickness: 6.0mm
Accessories:	<p>Owner's Manual, Warranty card Remote Controller, AAA Battery Remote Holder, Screw (2pcs) Foam w/ adhesive (300 x 60mm) (150 x 60mm) (300 x 45mm) Pipe insulation sheath (15 x 160mm) 2pcs. Sumi tube (210mm) 1pc. Gum type sealer (245g) Insulation tape (50mm) 2pcs. Drain hose (Ø31 x 250mm) Screw (45mm) 4pcs. Screw (20mm) 4pcs. Washers (10 pcs), Cable ties (6pcs.). Flare nut Ø1/4 and Ø3/8</p>	

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	43 Watts / 1.0 Amperes
	Moisture Protection	IPX0
	Sound Pressure level	38 dB(A) High
	Refrigerant type	R 32
	Refrigerant Piping	1/4" & 3/8"
Unit Dimension	W x D x H Net weight	570 x 570 x 265mm 17.0 kg
Appearance	GI casing, metal materials with 9.0mm thickness	

Unit checking for inner part:

Blower Fan Motor:	Type: Model: Part number: Specifications: Manufacturer: Appearance:	Brushless DC motor B-FN30C-ZL (ZWK465B500027) PART # 150104060012 DC310V / 30W / 1000 r/min / 8P/ IP20 Zhongshan Broad-Ocean White coated casing
Control Module:	Main PCB:	300002061959 / Z4M551GJ GRZ4L-A17 (V1) 2024 / 07/ 24 / 13 TL.6
	Capacitor:	Included on PCB 450V / 150µf (1pc.)
	Drain Pump	PSB-0.024 / 1.2-A DC12V / 1200mm / 400ml / min 4.2 W / 0.32A / 4313800005802
	Remote Control:	(Type) YAP 1F / AAA Battery / 1.5V x 2
	Control Box:	GI and Plastic materials
Unit Sensor:	Temperature / Tubing	GL/GW 15K / GL/GW 20K
Evaporator:	Aluminum fins: Copper tubing: Dimensions:	974pcs. Blue Aluminum fins 2 rows of 24 lines with Ø7.0mm each (L x H x W) 1275 x 228 x 25mm
Copper tube:	High side / Low side	Ø1/4" and Ø3/8" with flare cover (plastic)
Wheel blower :	Appearance: Dimension:	Yellowish color / ABS Plastic materials Ø315mm x 162.5mm / 7 Blades
Drain pan:	Appearance: Dimension:	Plastic coated styrofoam (Blue color) 563 x 563 x 88mm
Blower housing:	Appearance: Dimension:	Black color, plastic materials 372 x 345 x 80mm

Unit inner part / spec's



FAN MOTOR

Brushless DC motor
B-FN30C-ZL (ZWK465B500027)
PART # 150104060012
DC310V / 30W / 1000 r/min / 8P/ IP20



MAIN PCB

300002061959 / Z4M551GJ
GRZ4L-A17 (V1) 2024 / 07/ 24 / 13 TI.6



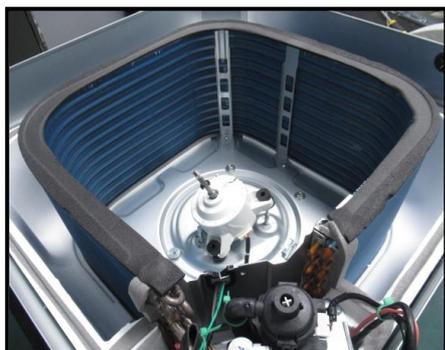
DRAIN PUMP

PSB-0.024 / 1.2-A
DC12V / 1200mm / 400ml / min
4.2 W / 0.32A



REMOTE CONTROLLER

YAP 1F
AAA Battery / 1.5V x 2



EVAPORATOR

Blue Aluminum fins
2 rows of 24 lines with $\text{\O}7.0\text{mm}$ each
(L x H x W) 1275 x 228 x 25mm



COPPRE TUBE

$\text{\O}1/4''$ and $\text{\O}3/8''$ with flare cover



BLOWER WHEEL

Yellowish color
 ABS Plastic materials
 Ø315mm x 162.5mm



ACCESSORIES

Owner's Manual, Warranty card
 Remote Controller, AAA Battery
 Remote Holder, Screw (2pcs)
 Foam w/ adhesive
 Pipe insulation sheath (15 x 160mm) 2pcs.
 Sumi tube (210mm) 1pc. Gum type sealer
 Insulation tape (50mm) 2pcs. Drain hose
 Screw (45mm) 4pcs. Screw (20mm) 4pcs.
 Washers (10 pcs)
 Cable ties (6pcs.)
 Flare nut Ø1/4 and Ø3/8

Packaging and Carton box checking:

KVM-XXISAH-P (Versa Match) INDOOR PANEL

Details checking:

Model : KVM-XXISAH-I
Description : Ceiling Cassette Inverter, Panel Versa match
Printing Features : Good, clear, and correct

Inspected units: **Supplier Serial no.** 9P40140070994, 00995 / 10006 / 10003



Packaging Dimensions:	W x D x H Gross weight	701 x 701 x 125mm 4.5 kg.
Carton Box Dimensions:	W x D x H / Weight: Type / Thickness:	692 x 692 x 100mm / 0.755 grams Double wall, BC flute / 7.0mm
Carton Base:	W x D x H / Weight: Type / Thickness:	680 x 680 x 100mm / 0.735 grams Double wall, BC flute / 7.0mm
Packaging Support:	4 Corner support: Poly bag:	Styrofoam 21mm / 0.045g. 0.025g.

Unit checking for outer part:

Panel Dimension	W x D x H Net weight	620 x 620 x 55mm 3.0 kg
Appearance	White casing, with panel display and 4 sides swing louver.	
Kolin Logo	Color / Dimensions (W x H)	Cool Gray / 35 x 13mm
Inverter Logo	Color / Dimensions (W x H)	Green / 50 x 12 mm
Air Intake panel	Color / Dimensions	White color, plastic materials 409 x 409 x 30mm
Air Filter	Color / Dimensions	Black color, w/ plastic frame Dimensions: 345 x 351mm
Swing louver	Dimensions	280mm x 40mm (4pcs.)
Display Board:	300001060286 / D5313BB GRJ518-B (V2) 2018 / 05/ 30 / 20 TL.6	
Swing motor:	4 Sides: MP24AF / 12V (4 pcs.)	

Panel parts / spec's

	<p style="text-align: center;">DISPLAY BOARD</p> <p>300001060286 / D5313BB GRJ518-B (V2) 2018 / 05/ 30 / 20 TL.6</p>
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SWING MOTOR

4 Sides: MP24AF / 12V (4 pcs.)

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