To	:	Mr. Oliver M. Filoteo
		Chief Executive Officer
From	:	Quality Control Department
Re	:	Split type air-conditioner
Date	:	December 11, 2024
Reference no.	:	QCD-SAC-20IDAH-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-20IDAH-I (2.0hp) *(Versa Match)*
INDOOR UNIT

Details checking:

Model	:	KVM-20IDAH-I
Description	:	2.0hp Ceiling Concealed Inverter Versa match Air-con.
EAN Number	:	4 806508 236301
P/O Number	:	KT-2407GR-18
Lot number	:	157424001
Serial number range	:	15742407-10001 to 10005 (5 units)
Printing Features	:	Good, clear, and correct

Inspected units: **Kolin Serial number** 15742407-10005, 10003, 10004 and 10002
Supplier Serial no. 9CM7340000006, 00004, 00005 and 00003

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	1308 x 568 x 275mm 30 kg.
Carton Box Dimensions:	W x D x H / Weight: Type / Thickness:	1303 x 572 x 270mm / 2.095 grams Double wall, BC flute / 6.0mm
Packaging Support:	Right side support: Left side support: Top support: Bottom support: Carton base:	Carton / Thickness: 25mm / 0.480g. Carton / Thickness: 25mm / 0.310g. Carton / Thickness: 25mm / 0.170g. Carton / Thickness: 30mm / 0.555g. Double wall, BC flute / 6.0mm 1293 x 552 x 95mm / 0.975g.
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 Ø12mm and Ø9mm Installation nut (4 pcs.), Cable ties (8pcs) Lock washers (4pcs.) Nut with washers (4pcs) Flare nut, nut Ø1/4 and Ø1/2	

Unit checking for outer part:

	Phase	Single
Specifications	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	50 Watts / 1.0 Amperes
	Moisture Protection	IPX0
	Sound Pressure level	32 dB(A) High
	Refrigerant type	R 32
	Refrigerant Piping	1/4" & 1/2"
Unit Dimension	W x D x H Net weight	1010 x 450 x 200mm 25 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:**	3.5µf ±5% 450VAC / 50-60Hz CBB61
	Main PCB:	300002061990 / Z4L1512CJ GRZ4M-A4 (V1) 2022/07/24/12 TI.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	DP-12230 / 812007060016 208-240V / 50-60Hz / 9.4W / 8W Zhejiang fuji Seiko Tech..
	Control Box:	GI and Plastic materials
Unit Sensor:	Temperature / Tubing	GL/GW 15K / GL/GW 20K
Evaporator:	Aluminum fins: Copper tubing: Dimensions:	665pcs. Blue Aluminum fins 3 rows of 36 lines with Ø7.0mm each (L x H x W) 845 x 230 x 37mm
Copper tube:	High side / Low side	Ø1/4" and Ø1/2" with flare cover (plastic)
Wheel blower:	Appearance: Dimension:	Yellowish color / ABS Plastic materials (41L) Ø144mm x 143mm (3pcs.)
Blower housing:	Appearance: Dimension:	Yellowish color, plastic materials (2pcs.) 229 x 207 x 203mm
Drain pan:	Appearance: Dimension:	Styrofoam and, plastic materials 698 x 260 x 60mm
Others:	Top Cover:	GI Materials / 1012 x 249mm

Unit inner part / spec's

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

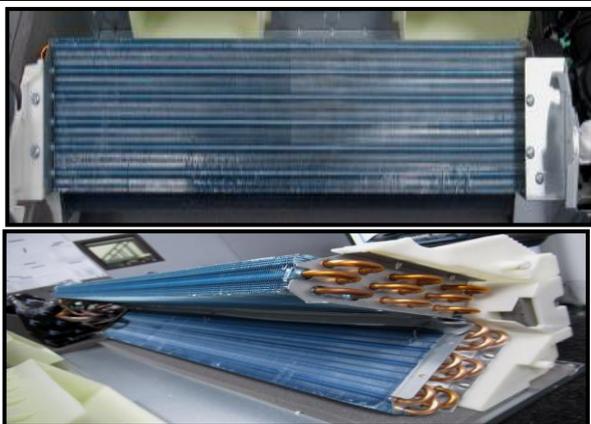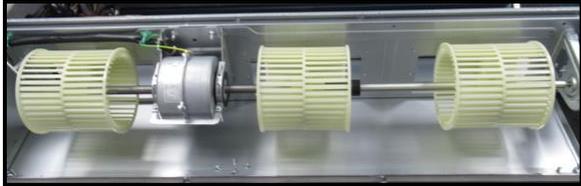|	
	FM CAPACITOR 3.5µf ±5% 450VAC / 50-60Hz CBB61
	MAIN PCB 300002061990 / Z4L1512CJ GRZ4M-A4 (V1) 2022/07/24/12 TI.6
	DRAIN PUMP DP-12230 / 812007060016 208-240V / 50-60Hz / 9.4W / 8W
	WIRE REMOTE CONTROL 300001060893 / K79941 Z4M3511AJ
	EVAPORATOR Blue Aluminum fins 3 rows of 36 lines with Ø7.0mm each (L x H x W) 845 x 230 x 37mm

	COPPER TUBING Ø1/4" and Ø1/2" with flare cover
	BLOWER WHEEL Yellowish color, plastic materials (2pcs.) Ø144 x 143mm
	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 Ø1/2

For your reference,

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Quality Control Staff

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QC, Asst. Supervisor

Approved by   :   <u>Mr. Fernando D. Feliciano</u>
Plant Operations Manager