



To : Mr. Oliver M. Filoteo
Executive Vice President / COO
From : Quality Control Department
Re : Showcase Chiller
Date : June 25, 2024
Reference no. : QCD-KSIF-405WB1-24-06-001
Cc : FDF / A De Rivera / Dept. concern

Listed below are the specifications and parts of newly delivered showcase chiller inverter received and inspected this June 20, 2024.

KSIF-405WB1

Model : KSIF-405WB1
Description : Showcase Chiller Inverter (405Liters / 14.30cu.ft)
EAN Number : 4 806508 236134
P/O Number : KT-2401ZH-01R
Lot Number : 250324001
Serial number range : 25032401-10001 to 10276 (276 units)
Printing Features : Good and all labels are correct

Inspected units: **Kolin Serial number** 25032401 – 10250, 10274, 10050 and 10114
Supplier Serial no. M78381130347000250, 000274, 00050 and 00114



Remarks:

1. First shipment for the new model of **Showcase Chiller INVERTER 14.30cu.ft**
2. Carton box color and featuring are same from approved designed.
3. The unit label is complying on confirmed and declared specifications.
4. With LED temperature display on signage.

Recommendations:

1. Put QR code on warranty QR code slot.
2. Unit are recommended for DTI/DOE sampling before the distribution to the dealer

Note: No sample unit, for comparison all detail reported are based on approved art work designed and actual unit parts.

Packaging and Carton box checking:

Packaging Dimensions	W x D x H Gross weight	676 x 675 x 2000 mm 75 kg.
Packaging Support	Top support : 4 corners support : Bottom support:	Styrofoam / Thickness : 24mm Styrofoam / Thickness : 14mm Styrofoam / Thickness : 53mm
Carton Box	W x D x H / Weight : Type / Thickness :	680 x 675 x 1973 mm / 4.720g. Double wall, BC flute / 6.0mm
Carton base	W x D x H / Weight: Type / Thickness	660 x 657 x 70mm / 0.345g Double wall, BC flute / 6.0mm
Accessories	1. Owner's Manual 2. Warranty Card 3. Key (2pcs)	

Unit checking for outer part:

Specifications :	Rated Voltage	230V ~ / 60 Hz
	Gross Capacity	405 liters (14.30 cu . ft)
	Net Capacity	375 liters (13.24 cu . ft)
	Rated Power	300W
	Rated Current	2.2 A
	Climate Type	T
	Blowing Agent	CYCLOPENTANE
	Refrigerant / Charge	R600a / 58g
Unit Dimensions	Width x Depth x Height	628 x 625 x 1952mm
	Net weight	65 kg.
Unit casing	Appearance	Metal Material, Glossy white color
Unit Appearance	Door Appearance	Black coated metal frame with dual glass door
	Dimensions W x D x H	616 x 60 x 1447mm
	KOLIN logo (Dimensions)	(78mm x 54mm) Black aluminum sticker with silver color font
	KOLIN logo (Dimension)	(466 x 145mm) Orange color
Power cord	Color / Size : Specifications :	Black color / Length 2,240mm SJT 3X 18AWG / 105°C / 300V / VW-1

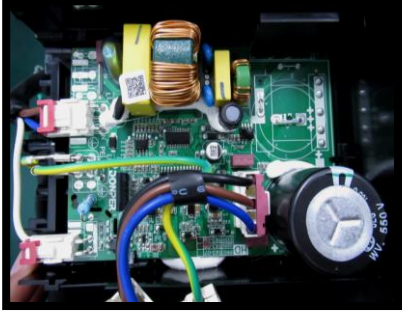
Unit checking for inner part:

Compressor Motor	Brand name: Model Number: Specifications: Manufacturer: Appearance:	DONPER VFA090CY1 230V – / 40-150Hz / R600a Black coated
Fan motor (Evaporator Side)	Brand name: Model Number: Specifications: Manufacturer: Appearance:	SW motors & fans Y Z5-13 220-240V / 50-60Hz / 5 / 33W / 0.20A / 1300 / 1550RPM Galvanized Casing
Propeller Fan	Appearance:	Dirty White color Plastic material / 5 blades / Ø 200 x 35mm
Fan motor (Condenser Side)	Brand name: Model Number: Specifications: Manufacturer: Appearance:	HAILE YJF2.5 220V / 50-60 Hz / 0.17A / 2.5 W / 25W 1250 / 1350r/min / S1 / IP23 / CL.B No 2024 Galvanized Casing
Propeller Fan	Appearance:	Metal Material / 5 blades Ø 170 x 40mm
Control module	Main board:	DONPER / DB240402143-08G5ACF0034 143-08- Y13-A / 44-J-G817 Input: 220~240V~/ 50-60Hz / 1.7A / 1PH
	Electrolytic Capacitor:	550V / 140uf / 105°C (1pcs) included on board
	LED Display (Red color)	Model : SF-100P 220V-240VAC / 50-60Hz 5554521
	Fan motor Switch: White color	HC-050K 4 2.5A / 250V ~ / 5A / 12V 2.5A / 250V~/ 5E4 / 50E3 / T85 u
	LED Light switch: White color	BQK01-2 6A / 250V / 12A / 125V 6 (2) A / 250~
	LED Light on Signage	Name : T5lamp / Type : TD5=490 Voltage : DC60V / Power : 4W CT (K) : 6500K Lanxi Bluexin Elecronic Factory 471mm Length
	LED light Inside the unit	Name : T5lamp / Type : T5-880b Voltage : 100~ 240v / 50/60Hz Power : 13W / CT (K) : 9000K Lanxi Bluexin Elecronic factory 873mm length

	Thermostat	WPF6R-102-022 5(4)A / 250V / 50-60Hz 5(4) A / 8 (6)A / 250 / 12V / 50-60Hz length 848mm
	Temp Sensor :	Wire type / white color / no spec's
Evaporator	Aluminum fins : Tubing : Dimensions :	81pcs aluminum fins Aluminum piping 4 rows of 24 lines of Ø8.0mm (W x D x H) 327 x 100 x 113mm
Condenser	Appearance: Tubing : Dimensions :	Black Coated steel grill Black coated steel piping 4 rows of 9 lines of Ø 5.0mm (W x D x H) 270 x 65 x 205mm
Control box	Appearance:	Black Plastic Material
Others	Fan motor Bracket: (Evaporator side)	Black Metal Material Ø 248 x 48 mm
	Fan motor Bracket: (Condenser side)	Black metal material Ø 216 x 85mm
	Drain Pan	White Plastic material 126 x 65 x 205mm
	Shelves :	White color / metal coated 532 x 420mm (4pcs)
	Decorative Panel:	Black plastic material 214 x 100 x 259
	Wheel :	Black color / (2pcs) / on Back part
	Adjustable leg	Black plastic material (2pcs) front part

INNER PARTS APPEARANCE

	COMPRESSOR MOTOR DONPER VFA090CY1 230V – / 40-150Hz / R600a
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	FAN MOTOR (EVAPORATOR SIDE) SW motors & fans Y Z5-13 220-240V / 50-60Hz / 5 / 33W / 0.20A / 1300 / 1550RPM
	FAN MOTOR (CONDENSER SIDE) HAILE YJF2.5 220V / 50-60 Hz / 0.17A / 2.5 W / 25W 1250 / 1350r/min / S1 / IP23 / CL.B No 2024
	MAIN BOARD DONPER / DB240402143-08G5ACF0034 143-08- Y13-A / 44-J-G817 Input: 220~240V~/ 50-60Hz / 1.7A / 1PH
	LED DISPLAY Model : SF-100P 220V-240VAC / 50-60Hz 5554521
	LED LIGHT (DISPLAY) Name : T5lamp / Type : TD5=490 Voltage : DC60V / Power : 4W CT (K) : 6500K
	LED LIGHT (INSIDE) Name : T5lamp / Type : T5-880b Voltage : 100~ 240v / 50/60Hz Power : 13W / CT (K) : 9000K



THERMOSTAT

WPF6R-102-022

5(4)A / 250V / 50-60Hz

5(4) A / 8 (6)A / 250 / 12V / 50-60Hz



LED SWITCH

BQK01-2

6A / 250V / 12A / 125V

6 (2) A / 250~



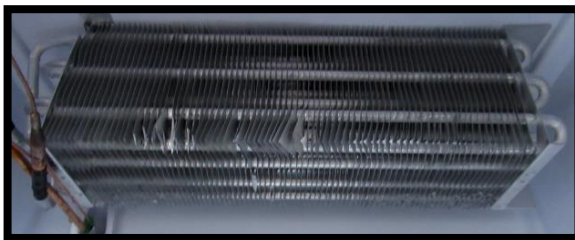
FAN MOTOR SWITCH

HC-050K 4

2.5A / 250V ~ / 5A / 12V

2.5A / 250V~ / 5E4 /

50E3 / T85 u



EVAPORATOR

81pcs aluminum fins

4 rows of 24 lines with Ø8.0mm

Aluminum piping

(W x D x H) 327 x 98 x 113mm



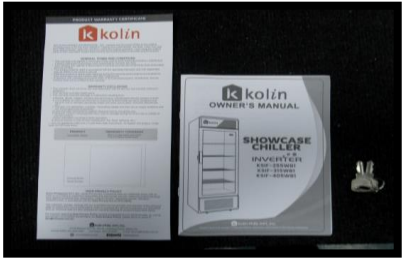
CONDENSER

Black coated steel grills

4 rows of 9 lines with Ø 5.0mm

Black coated steel piping

(W x D x H) 270 x 65 x 205mm

	PROPELLER FAN (EVAPORATOR SIDE) 5 blades / Ø 200 x 35mm
	PROPELLER FAN (CONDENSER SIDE) Ø 170 x 40mm
	POWER CORD SJT 3X 18AWG / 105°C / 300V / VW-1
	ACCESSORIES