



To : Mr. Oliver M. Filoteo
Executive Vice President / COO
From : Quality Control Department
Re : Showcase Chiller
Date : July 04, 2024
Reference no. : QCD-KSD-240MG1-24-07-001
Cc : FDF / A De Rivera / Dept. concern

Listed below are the specifications and parts of newly delivered showcase chiller direct cooling received and inspected this July 2, 2024.

KSD-240MG1

Model : KSD-240MG1
Description : Showcase Chiller Direct Cooling (240Liters / 8.47cu.ft)
EAN Number : 4 806508 236158
P/O Number : KT-2401ZH-01R
Lot Number : 091324001
Serial number range : 09132401-10001 to 10330 (330 units)
Printing Features : Good and all labels are correct

Inspected units: **Kolin Serial number** 09132401 – 10312, 10138, 10146 and 10315
Supplier Serial no. M78461130350000312, 00138, 00146 and 00315



Remarks:

1. First shipment for the new model of **Showcase Chiller Direct Cooling 8.47cu.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 upper part in the glass door.

Recommendations:

1. Put QR code on warranty QR code slot.
2. Unit are recommended for performance testing 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	575 x 585 x 1725 mm 59 kg.
Packaging Support	Top support : 4 corners support : Bottom support:	Styrofoam / Thickness : 16mm Styrofoam / Thickness : 16mm Styrofoam / Thickness : 26mm
Carton Box	W x D x H / Weight : Type / Thickness :	588 x 580 x 1705 mm / 4.235g. Double wall, BC flute / 6.0mm
Carton base	W x D x H / Weight: Type / Thickness	565 x 565 x 50mm / 0.225g Double wall, BE flute / 4.0mm
Accessories	1. Owner's Manual 2. Warranty Card 3. Key (2pcs)	

Unit checking for outer part:

Specifications :	Rated Voltage	230V ~ / 60 Hz
	Gross Capacity	240 liters (8.47 cu . ft)
	Net Capacity	230 liters (8.12 cu . ft)
	Rated Power	190W
	Rated Current	1.2 A
	Climate Type	T
	Blowing Agent	CYCLOPENTANE
	Refrigerant / Charge	R600a / 40g
Unit Dimensions	Width x Depth x Height	535 x 530 x 1670mm
	Net weight	54 kg.
Unit casing	Appearance	Matte Black color metal materials
Unit Appearance	Door Appearance	Black coated metal frame with dual glass door
	Dimensions W x D x H	537x 40 x 1490mm
	KOLIN logo (Dimensions)	(77mm x 37mm) Black aluminum sticker with silver color font
Power cord	Color / Size : Specifications :	Black color / Length 2,080mm SJT 3X 18AWG / 105°C / 300V / VW-1

Unit checking for inner part:

Compressor Motor	Brand name: Model Number: Specifications: Manufacturer: Appearance:	HUAGUANG EKD70X 220V – 240- / 50-60Hz / 1PH / R600a Black coated
	OLP Relay:	BT-45-120 / WB G .2744W-0 wanbao QP2-15G / WB 2644N / J.K
Fan motor (Evaporator Side)	Brand name: Model Number: Specifications: Manufacturer: Appearance:	WillTron BLDC 26-4PW / LX140HD DC12V / 0.2A / 1200RPM “+” red / “ – “ black date : 2024-05-30 / CC : 1.01.06.04.019 MC : HLD – DC 260.090.038 Jiangsu willtron Tech co., ltd Black color
Wheel Blower	Appearance:	Dirty White color Plastic material / 9 leaves / Ø 139 x 32mm
Fan motor (Condenser Side)	Brand name: Model Number: Specifications: Manufacturer: Appearance:	WillTron DC Brushless Motor EC-4P-3-30-F / 2000 r/min AC100-240V / 50-60Hz / 3 / 1.8W B Date : 2024-04-20 CC: 1.01.06.02.550R MC: HLD-ECO30.115.004.1 Jiangsu Willtron tech co Ltd Galvanized Casing
Propeller Fan	Appearance:	Metal Material / 7 blades Ø 113 x 27mm
Control module	Power supply board:	HX05 – 1200400-LB T3.1AL / 250VAC
	Display Board	LSC170-240WSX_DISP 1.01.02.03.097R 450012050 A / 212400584 A LSC170-240WSX / LSC-89-Boomo 20240411
	LED switch: White color	6A / 250VAC / T100 10A / 250VAC / T100 / 55
	LED light	BC126.4.3 / LANXIN 275mm (L)
	Thermostat	WDF6M-L (E) WDF6M-920-028E 5(4) A / 250V / 50-60Hz 5 (4)A / 8(6)A / 250 / 125V / 50-60Hz length 550mm
	Temp Sensor :	Wire type / white color / no spec's / 135mm

Evaporator	Dimensions :	White Coated Plate Type (W x D x H) 413 x 750 x 2mm
Condenser	Appearance: Tubing : Dimensions :	Black Coated steel grill Black coated steel piping 6 rows of 6 lines of Ø 5.0mm (W x D x H) 260 x 110 x 108mm
Control box	Appearance:	Black Plastic Material
Others	Blower motor Bracket: (Evaporator side)	Black Metal Material Ø 144 x 12 mm
	Blower motor Housing	White plastic material 445 x 45 x 245mm (W x D x H)
	Fan motor Bracket: (Condenser side)	Black metal material 465 x 15 x 127mm
	Fan motor Housing	Black plastic material 119 x 35 x 119mm (W x D x H)
	Fan motor cover (condenser side)	Black metal coated & black plastic material 536 x 75 x 145mm (W x D x H)
	Drain Pan	White Plastic material 115 x 203 x 108mm
	Shelves :	White color / metal coated 452 x 337 x 35mm (4pcs)
	Rubber Gasket: (L x H)	Black color 520 x 1450mm
	Wheel caster	Black color / (2pcs)
	Adjustable leg	Black plastic material (2pcs) front part

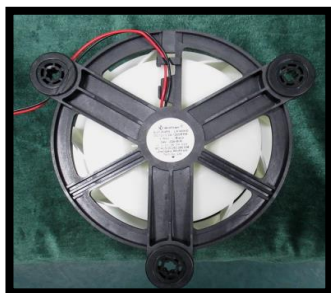
INNER PARTS APPEARANCE

	COMPRESSOR MOTOR HUAGUANG EKD70X 220V – 240- / 50-60Hz / 1PH / R600a
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OLP RELAY

BT-45-120 / WB G .2744W-0 wanbao
QP2-15G / WB 2644N / J.K



BLOWER MOTOR (EVAPORATOR SIDE)

WillTron
BLDC 26-4PW / LX140HD
DC12V / 0.2A / 1200RPM



FAN MOTOR (CONDENSER SIDE)

WillTron DC Brushless Motor
EC-4P-3-30-F / 2000 r/min
AC100-240V / 50-60Hz / 3 / 1.8W B



POWER SUPPLY BOARD

HX05 – 1200400-LB
T3.1AL / 250VAC



LED DISPLAY

LSC170-240WSX_DISP
1.01.02.03.097R
450012050 A / 212400584 A
LSC170-240WSX / LSC-89-Boomo
20240411



LED LIGHT

BC126.4.3 / LANXIN



THERMOSTAT

WPF6R-102-022

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

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



LED SWITCH

6A / 250VAC / T100

10A / 250VAC / T100 / 55



EVAPORATOR

White Coated Plate Type
(W x D x H) 413 x 750 x 2mm



CONDENSER

Black Coated steel grill

Black coated steel piping

6 rows of 6 lines of Ø 5.0mm

(W x D x H) 260x 110 x 108mm



BLOWER FAN (EVAPORATOR SIDE)

9 leaves / Ø 139 x 32mm



**PROPELLER FAN
(CONDENSER SIDE)**

Ø 113 x 27mm
7 blades



POWER CORD

SJT 3X 18AWG / 105°C / 300V / VW-1



ACCESSORIES