

Mbsm.pro, HERMETIC, Kulthorn, COMPRESSOR, CA 2435Z-2, 917 w, 28A, 3/4 hp++, 1 hp-, 1ph

Category: compressor, expertise

written by Lilianne | 27 January 2024



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The CA 2435Z-2 is a hermetic compressor manufactured by Kulthorn Kirby Co., Ltd.

- **Nominal Performance:**

- Cooling Capacity: 995 Watts
- 3,395 BTU/Hr
- 856 Kcal/Hr

- **Power Input:** 917 Watts

- **Lock Rotor Amps:** 28 Amps

- **Motor Type:** C.S.R. with 2 poles and 2,850 r/m

- **Voltage Range:** 187-264 V, 50 Hz

- **Winding Resistance at 25 °C:** Start: 7.30 Ohms, Run: 2.80 Ohms

- **Weight with Motor:** Not provided in the search results

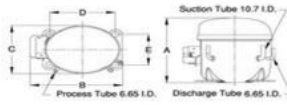
The CA 2435Z-2 is designed for refrigeration applications and is manufactured with advanced technology from Sanyo





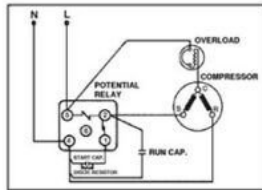


PRINCIPAL DIMENSIONS - mm



A: 215 B: 233 C: 160 D: 165 E: 102

SCHEMATIC WIRING DIAGRAM C.S.R.



SCHEMATIC WIRING DIAGRAM -

MOUNTING KIT



Electrical : 220-240 V/50 Hz. 1 Phase

Nominal Performance

Capacity	925 / - Watts
	3,156 / - BTU/Hr
	795 / - Kcal/Hr
Power Input	740 / - Watts
Locked Rotor Amps	21.00 / - Amps
Max Continuous Current	- / - Amps
Rated Load Amps	4.20 / - Amps
COP	1.25 / - Watts / Watts
EER	4.27 / - BTU/W-Hr

Testing Conditions

Condensing Temperature	54.40 °C	129.9 °F
Evaporating Temperature	-23.30 / - °C	-9.9 / - °F
Liquid Temperature	32.20 °C	90.0 °F
Return Gas Temperature	32.20 °C	90.0 °F
Ambient Temperature	32.20 °C	90.0 °F

Application

Evaporating Temp. Range	LBP	@ -40.00 °C to -12.20 °C (-40.0° F to 10.0° F)
	Heat Pump	- °C to - °C (-° F to -° F)

Refrigerant	R404A
Refrigerant Flow Control	Capillary Tube
Compressor Cooling	Fan

Compressor and Motor data

Compressor Type	Reciprocating
Displacement	20.00 cc.
Oil Type	Polyolester Oil
Oil Charge	457 cc.
Motor Type	C.S.R. ; 2 Pole 2,850 / - r/m
Voltage Range	187-264/- Volts 50/- Hz.
Winding Resistance at 25 °C	
Start	7.30 Ohms
Run	2.80 Ohms
Weight with Oil	13.14 Kg.
Weight with Oil and Accessories	13.79 Kg.

Electrical Components

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KULTHORN

CA 2435Z-2

30S

208-230V/60Hz. 1PH

R404A

RLA 4.1

LRA 28



**KULTHORN KIRBY
 MADE IN THAILAND**



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KULTHORN

CA 2435Z-2

30S

208-230V/60Hz. 1PH R404A

RLA 4.1 LRA 28



KULTHORN KIRBY
MADE IN THAILAND



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