

**Kulthorn, Kirby, Compressor,
AE2425ZK, ae 2425zk-sr, R404,
1/2HP, Hermetic piston
compressor, AE2425ZK-SR,
Application: low temperature,
Displacement: 14.14 cm³,
Cooling capacity: 613 W, 220
V / 50 Hz / 1 phase.**

written by Lilianne | 22 April 2021

16L3

 **KULTHORN**
AE 2425ZK-SR **03D**
220 - 240 V ~ 50Hz R404A/R507
RLA 2.71 LRA 16.3 **CE**

 **KULTHORN KIRBY**
MADE IN THAILAND


03D17L13023143

 **Q-MARK**
 **RoHS TIS.812-2548**

Kulthorn Kirby Compressor

Kulthorn Kirby was the first hermetic compressor manufacturer in Thailand, established with Thailand Board of Investment promotion in 1980. The company was officially opened on January 13, 1982, with the initial production output of over 100,000 compressors in the first year of operation. Later, the production capacity was expanded to 5000,000 units/year, of which more than 70% are exported worldwide. In 1991, the company was listed in the Stock Exchange of Thailand with 500 millions Baht registered capital and in 2010, registered capital was increased to 850 millions.

Kulthorn Kirby specializes in the manufacture of hermetic reciprocating compressors for domestic refrigerators, commercial refrigeration systems and air conditioners. Their vision is to be the producer of best quality, world standard products that best meet customers' needs. With concern for the environment and for meeting relevant safety standards, Kulthorn Kirby compressors are approved to many international performance and safety standards such as CE, UL, TUV, CCC, SASO and TISI.

Kulthorn Kirby Specification

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Kulthorn Kirby Specification

ITEM
HIGH BACK PRESSURE
AE4430Y R134A
AE4440Y R134A 1/3HP
AE4448Y R134A 1/2HP
AE4459Y R134A 3/4HP
AE4474EK R22 5/8HP
AE7440EK R22 1/2HP
AE7426Y R134A 3/8HP
AE2415AK R12 1/2HP
AE2415Y R134 1/2HP
LOW BACK PRESSURE
AE2425ZK R404 1/2HP
AE2416ZK R404 1/2HP
AE2428ZK R404 5/8HP
AE2432ZK R404 5/8HP
AE2420ZK R404 1/2HP

LOW BACK PRESSURE

WJ2435ZK R404 3/4HP

WJ2440ZK R404 3/4HP

WJ2450ZK R404 1HP

AW2464ZK R404 1.5HP

AW2495ZK R404 2HP

AW2510ZK R404 2 1/4HP 3HP

COMMERCIAL BACK

WJ9470EK R22 3/4HP

WJ9485EK R22 1HP

WJ9510EK R22 1 1/4HP

WJ9460YK R134 3/4HP

MEDIUM BACK

AW4524GK R22/R407 2HP

AW4528GK R22/R407 2.5HP

AW4532GK R22/R407 2 3/4HP

HIGH BACK PRESSURE

AW5522EK R22

AW5530 R22

WJ5510EK R22

WJ5515EK R22

LOW BACK PRESSURE

AZA1335YK R134 1/10HP

AZA1345YK R134 1/8HP

AZA1350YK R134 1/6HP

AZA1360YK R134 1/5HP

AZA1370YK R134 1/4HP

AE1390YK R134 1/3HP

AE1411YK R134 1/2HP

Hermetic piston compressor AE2425ZK-SR. Application: low temperature. Freon: R404a. Displacement: 14.14 cm³. Cooling capacity: 613 W. Power supply: 220 V / 50 Hz / 1 phase.

Specifications

Brand name	Kulthorn
The lineup	AE
Compressor type	piston
Temperature regime	low temperature
Freon	R404a
Supply voltage	220-240V / 50Hz / 1 ~
Cylinder volume	14.14 cm ³
Power	5/8 HP
Cooling capacity at t ° cond. + 54.5 ° C; t ° boiling point -35 ° C	335 watts
Cooling capacity at t ° cond. + 54.5 ° C; t ° boiling point -30 ° C	435 watts
Cooling capacity at t ° cond. + 54.5 ° C; t ° boiling point -25 ° C	562 Wt
Cooling capacity at t ° cond. + 54.4 ° C; boiling point -23.3 ° C (EN12900-LBP)	613 Wt
Cooling capacity at t ° cond. + 54.5 ° C; t ° boiling point -20 ° C	725 Wt
Cooling capacity at t ° cond. + 54.5 ° C; t ° boiling point -15 ° C	930 Wt
Cooling capacity at t ° cond. + 54.5 ° C; t ° boiling point -10 ° C	1180 Wt
Power consumption	488 Wt
engine's type	CSR
Dimensions (edit)	216 mm (height)
Guarantee	12 months
Producing country	Thailand

Description

Refrigeration

compressor Kulthorn AE 2425ZK-SR

Kulthorn hermetic reciprocating compressors are characterized by high performance levels and energy efficiency. They have a low level of vibration and noise, a long operating period. Compressors are manufactured under license from Tecumseh USA – the world leader in the design and manufacture of compressors.

The AE series is designed for commercial refrigeration furniture, chest freezers, medium and low temperature chambers, vending machines, household refrigerators, freezers and coolers.

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