

Mbsm.pro, Compressor, CRAQ-0150-PFV-501, Copeland, 1-1/2 HP, 208-230V, 1 PH, 17,000 BTU, R22, R407C, Hermetic

Category: compressor

written by Lilianne | 9 November 2024



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Copeland™ Three Phase Compressor Models

TONNAGE	CR6/5 Ton	CRKQ	CR7	CR1,2,3	CRKF	CRKH	ZRK5/K3	Code	Hz-Phase-Volts
1.5T	CR18K6-TF5	CR18KQ-TF5		CRA1-0150-TF5				PFV	60-1-208/230
	CR18K6-TFD	CR18KQ-TFD		CRA1-0150-TFC				PFJ	60-1-265
	CR22K6-TF5			CRA1-0150-TFD				TF5	60-3-200/230
2T	CR22K6-TFD			CRC1-0175-TF5			ZR21K5-TF5	TFD	60-3-460
	CR24K6-TF5	CR24KQ-TF5		CRD1-0200-TF5			ZR21K5-TFD	TFE	60-3-575
	CR24K6-TFD	CR24KQ-TFD		CRD1-0200-TFD			ZR25K5-TF5		
	CR28K6-TF5	CR28KQ-TF5	CR28K7-TF5	CRE1-0225-TF5			ZR25K5-TFD		
	CR28K6-TFD	CR28KQ-TFD		CRE1-0225-TFD			ZR28K5-TF5		
	CR30K6-TF5						ZR28K5-TFD		
	CR30K6-TFD	CR30KQ-TFD		CRF1-0250-TFD			ZR28K5-TFD		
3T	CR32K6-TF5	CR32KQ-TF5	CR31K7-TF5	CRF1-0250-TF5			ZR32K5-TF5		
	CR32K6-TFD	CR32KQ-TFD		CRG3-0250-TF5			ZR32K5-TFD		
	CR32K6-TFE	CR32KQ-TFE		CRG3-0250-TFD			ZR32K5-TFD		
	CR35K6-TF5	CR34KQ-TF5		CRH3-0275-TF5			ZR32K5-TFE		
	CR35K6-TFD	CR36KQ-TF5		CRH3-0275-TFD			ZR32K5-TF5		
	CR35K6-TFE	CR34KQ-TFD		CRH3-0275-TFE			ZR32K5-TFD		
	CR38K6-TF5	CR37KQ-TF5		CRH3-0275-TFE			ZR32K5-TFE		
	CR38K6-TFD	CR37KQ-TFD		CRJ3-0300-TF5			ZR32K5-TFE		
	CR38K6-TFE	CR37KQ-TFD		CRJ3-0300-TFD			ZR32K5-TFE		
	CR38K6-TFE	CR37KQ-TFD		CRJ3-0300-TFE			ZR32K5-TFE		
3.5T	CR42K6-TF5	CR41KQ-TF5		CRK3-0325-TF5			ZR42K5-TF5		
	CR42K6-TFD	CRKQ-0325-TF5		CRK3-0325-TFD			ZR42K5-TFD		
	CR42K6-TFE	CR41KQ-TFD		CRK3-0325-TFE			ZR42K5-TFE		
	CR42K6-TFE	CRKQ-0325-TFE		CRL3-0350-TF5			ZR48K5-TF5		
4T	CR47K6-TF5	CR47KQ-TF5		CRL3-0350-TFD			ZR48K5-TFD		
	CR47K6-TFD	CR47KQ-TFD		CRL3-0350-TFD			ZR48K5-TFD		

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The compressor model CRAQ-0150-PFV-501 is a Hermetic compressor manufactured by Copeland. It is a 1-phase, 208/230V compressor designed for air conditioning applications. The compressor uses HCFC or R-22 refrigerant and operates at 60Hz. Here are some of the key specifications of the CRAQ-0150-PFV-501 compressor:

- **Capacity:** 18,300 – 23,900 BTU/hr
- **Power:** 1,910 – 1,520 W
- **Current:** 8.8 – 7.0 Amps
- **EER:** 9.6 – 15.7 BTU/Wh
- **Mass Flow:** 268 – 308 lbs/hr
- **Sound Power:** 72 – 77 dBA
- **Vibration:** 1.7 – 2.7 mils (peak-peak)
- **Displacement:** 2.00 in³/Rev
- **Overall Length:** 9.44 in
- **Overall Width:** 9.13 in
- **Overall Height:** 13.56 in
- **Mounting Length:** 7.50 in
- **Mounting Width:** 7.50 in
- **Mounting Height:** 13.94 in
- **Suction Size:** 5/8 in
- **Discharge Size:** 3/8 in
- **Initial Oil Charge:** 55 oz
- **Oil Recharge:** 51 oz
- **Net Weight:** 61.0 lbs
- **Internal Free Volume:** 345.0 in³

This compressor is no longer in production and has been replaced by newer, more efficient models. However, it is still a popular choice for replacement applications due to its reliability and performance.