spera J7238GE Compressor 1.5 HP R407C HBP Technical Specifications and Performance Data

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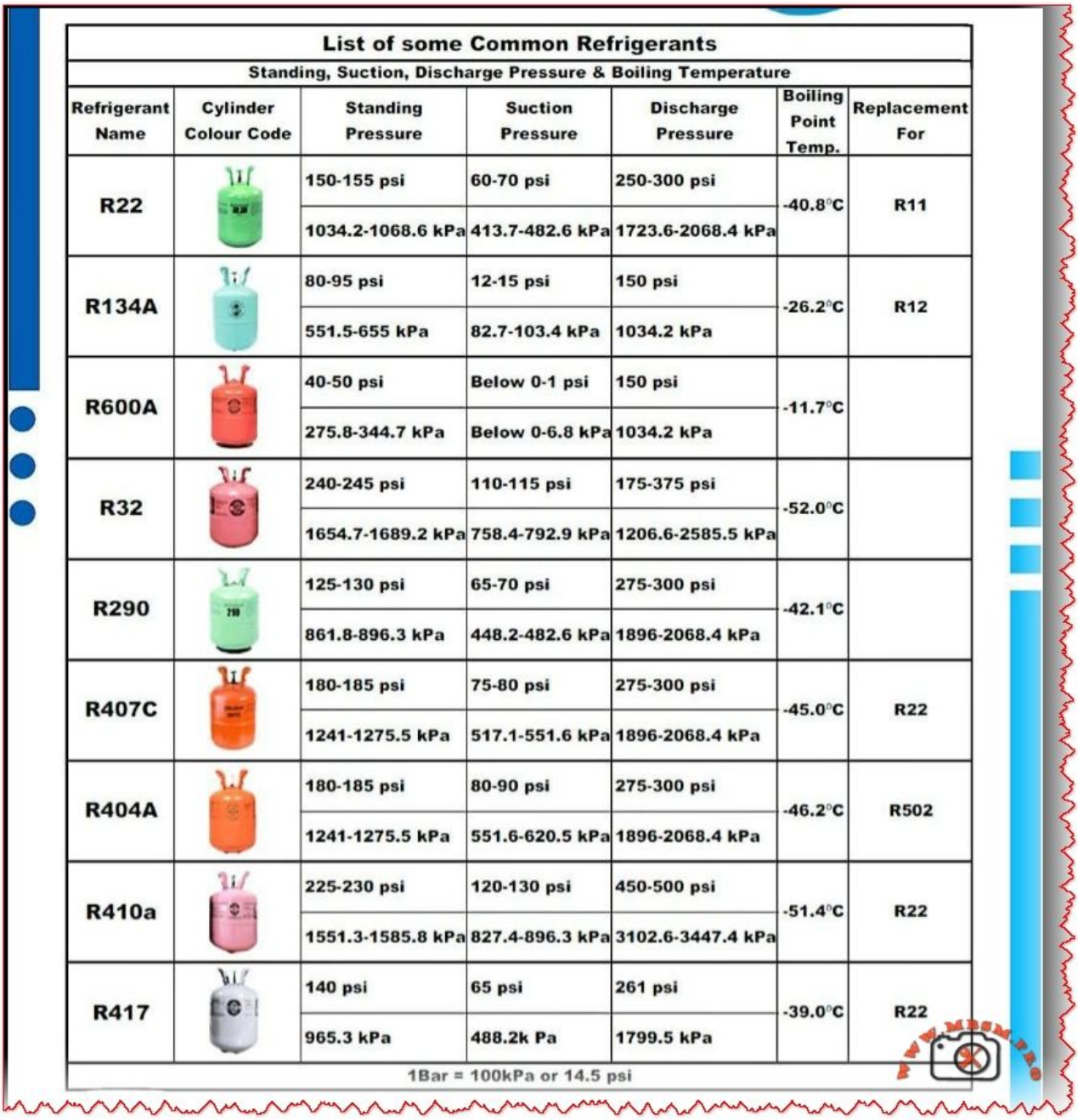


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The Aspera J7238GE is a powerhouse in the commercial cooling sector. Delivering 1.5 HP of performance using R407C refrigerant, this Slovakia-built compressor is designed for High Back Pressure applications. With a 32.7 cc displacement and a robust CSR motor, it provides reliable cooling for large-scale industrial chillers and commercial walk-in refrigeration systems worldwide.

Refrigerants, Standing, Suction and Discharge Pressures for Modern HVAC Systems

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List of some Common Refrigerants

Standing, Suction, Discharge Pressure & Boiling Temperature

Refrigerant Name	Cylinder Colour Code	Standing Pressure	Suction Pressure	Discharge Pressure	Boiling Point Temp.	Replacement For
R22		150-155 psi	60-70 psi	250-300 psi	-40.8°C	R11
		1034.2-1068.6 kPa	413.7-482.6 kPa	1723.6-2068.4 kPa		
R134A		80-95 psi	12-15 psi	150 psi	-26.2°C	R12
		551.5-655 kPa	82.7-103.4 kPa	1034.2 kPa		
R600A		40-50 psi	Below 0-1 psi	150 psi	-11.7°C	
		275.8-344.7 kPa	Below 0-6.8 kPa	1034.2 kPa		
R32		240-245 psi	110-115 psi	175-375 psi	-52.0°C	
		1654.7-1689.2 kPa	758.4-792.9 kPa	1206.6-2585.5 kPa		
R290		125-130 psi	65-70 psi	275-300 psi	-42.1°C	
		861.8-896.3 kPa	448.2-482.6 kPa	1896-2068.4 kPa		
R407C		180-185 psi	75-80 psi	275-300 psi	-45.0°C	R22
		1241-1275.5 kPa	517.1-551.6 kPa	1896-2068.4 kPa		
R404A		180-185 psi	80-90 psi	275-300 psi	-46.2°C	R502
		1241-1275.5 kPa	551.6-620.5 kPa	1896-2068.4 kPa		
R410a		225-230 psi	120-130 psi	450-500 psi	-51.4°C	R22
		1551.3-1585.8 kPa	827.4-896.3 kPa	3102.6-3447.4 kPa		
R417		140 psi	65 psi	261 psi	-39.0°C	R22
		965.3 kPa	488.2k Pa	1799.5 kPa		

1Bar = 100kPa or 14.5 psi

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Explore a practical refrigerant pressure chart with typical standing, suction and discharge pressures plus boiling points for R22, R134a, R32, R404A, R407C, R410A, R290, R600a and R417A.

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

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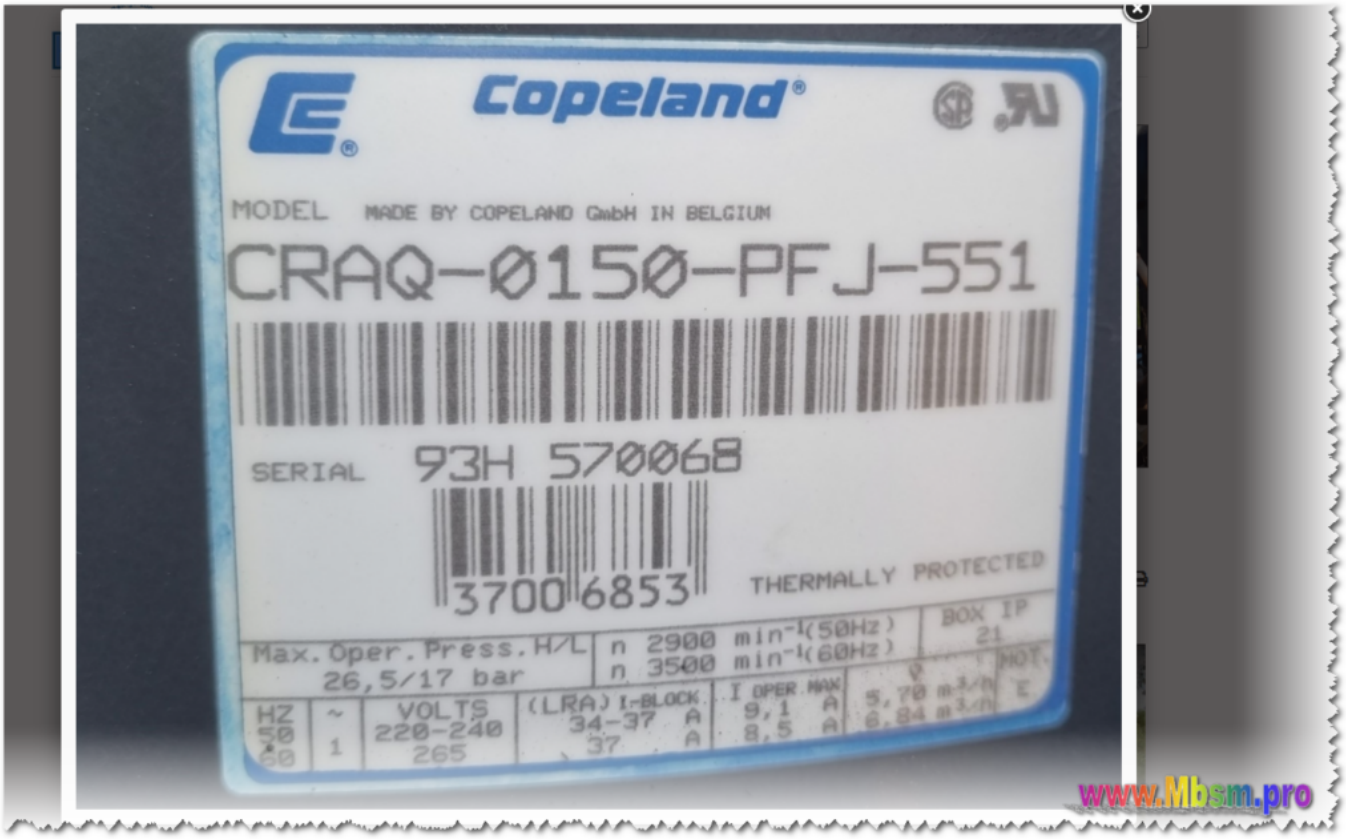


Copeland™ Three Phase Compressor Models

TONNAGE	CR6/5 Ton	CRKQ	CR7	CR1,2,3	CRKF	CRKH	ZRK5/K3
1.5T	CR18K6-TF5	CR18KQ-TF5		CRA1-0150-TF5			
				CRA1-0150-TFC			
	CR18K6-TFD	CR18KQ-TFD		CRA1-0150-TFD			
2T	CR22K6-TF5			CRC1-0175-TF5			ZR21K5-TF5
	CR22K6-TFD						ZR21K5-TFD
	CR24K6-TF5	CR24KQ-TF5		CRD1-0200-TF5			ZR25K5-TF5
	CR24K6-TFD	CR24KQ-TFD		CRD1-0200-TFD			ZR25K5-TFD
	CR28K6-TF5	CR28KQ-TF5	CR28K7-TF5	CRE1-0225-TF5			ZR28K5-TF5
	CR28K6-TFD	CR28KQ-TFD		CRE1-0225-TFD			ZR28K5-TFD
3T	CR30K6-TF5						ZR28K5-TF5
	CR30K6-TFD	CR30KQ-TFD		CRF1-0250-TFD			ZR28K5-TFD
	CR32K6-TF5	CR32KQ-TF5	CR31K7-TF5	CRF1-0250-TF5			ZR32K5-TF5
		CR33KQ-TF5		CRG3-0250-TF5			
	CR32K6-TFD	CR32KQ-TFD		CRG3-0250-TFD			ZR32K5-TFD
		CR33KQ-TFD					
	CR32K6-TFE						ZR32K5-TFE
	CR35K6-TF5	CR34KQ-TF5		CRH3-0275-TF5			ZR32K5-TF5
		CR36KQ-TF5		CRI3-0290-TF5			
	CR35K6-TFD	CR34KQ-TFD		CRH3-0275-TFD			ZR32K5-TFD
		CR36KQ-TFD		CRI3-0290-TFD			
	CR35K6-TFE			CRH3-0275-TFE			ZR32K5-TFE
	CR38K6-TF5	CR37KQ-TF5		CRJ3-0300-TF5			ZR38K5-TF5
	CR38K6-TFD	CR37KQ-TFD		CRJ3-0300-TFD			ZR38K5-TFD
	CR38K6-TFE			CRJ3-0300-TFE			ZR38K5-TFE
3.5T	CR42K6-TF5	CR41KQ-TF5		CRK3-0325-TF5			ZR42K5-TF5
		CRKQ-0325-TF5					
	CR42K6-TFD	CR41KQ-TFD		CRK3-0325-TFD			ZR42K5-TFD
		CRKQ-0325-TFD					
	CR42K6-TFE	CRKQ-0325-TFE		CRK3-0325-TFE			ZR42K5-TFE
4T		CR47KQ-TF5		CRL3-0350-TF5			ZR48K5-TF5
		CR47KQ-TFD		CRL3-0350-TFD			ZR48K5-TFD

Code	Hz-Phase-Volts
PFV	60-1-208/230
PFJ	60-1-265
TF5	60-3-200/230
TFD	60-3-460
TFE	60-3-575

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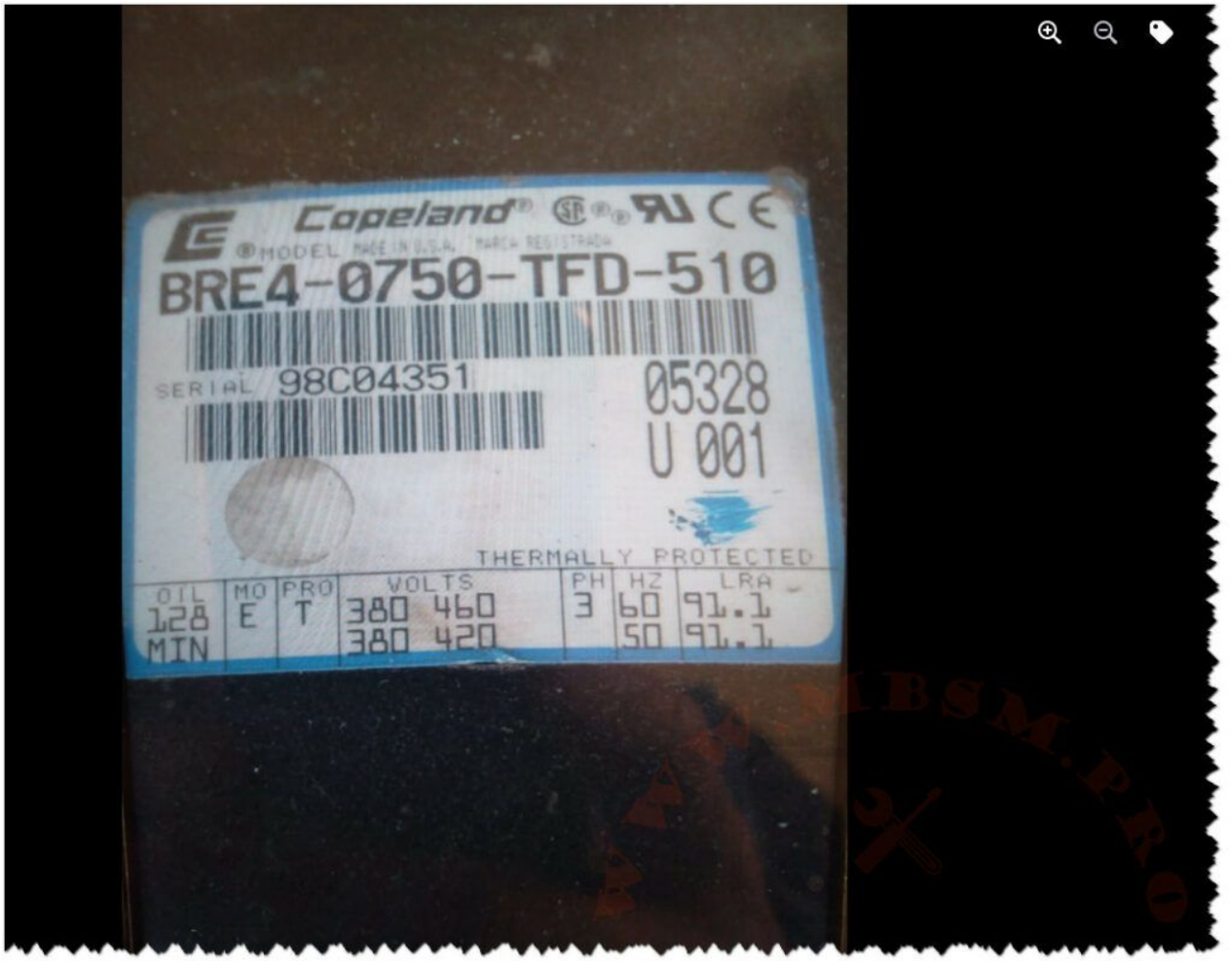
The compressor model CRAQ-0150-PFV-501 is a Hermetic compressor manufactured by Copeland. It is a 1-phase, 208/230V compressor designed for air conditioning applications. The compressor uses HCFC or R-22 refrigerant and operates at 60Hz. Here are some of the key specifications of the CRAQ-0150-PFV-501 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 in^3/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 in^3

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.

Mbsm.pro, compressor, BRE4-0750-TFD-510, Copeland, 7.5 HP, 460V, 3 PH, R22, R134A, R407C, Scroll Compressor, Copeland Compressor

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Mbsm.pro, compressor, BRE4-0750-TFD-510, Copeland, 7.5 HP, 460V, 3 PH, R22, R134A, R407C, Scroll Compressor, Copeland Compressor

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Mbsm.pro, Compressor, Danfoss, SZ300A4cbb, 25 hp, 72800 W, 248300 Btu/h, R407C, 400v/3/50hz 460v/3/60hz

Category: air conditioner,Archivation,Chaud&Froid
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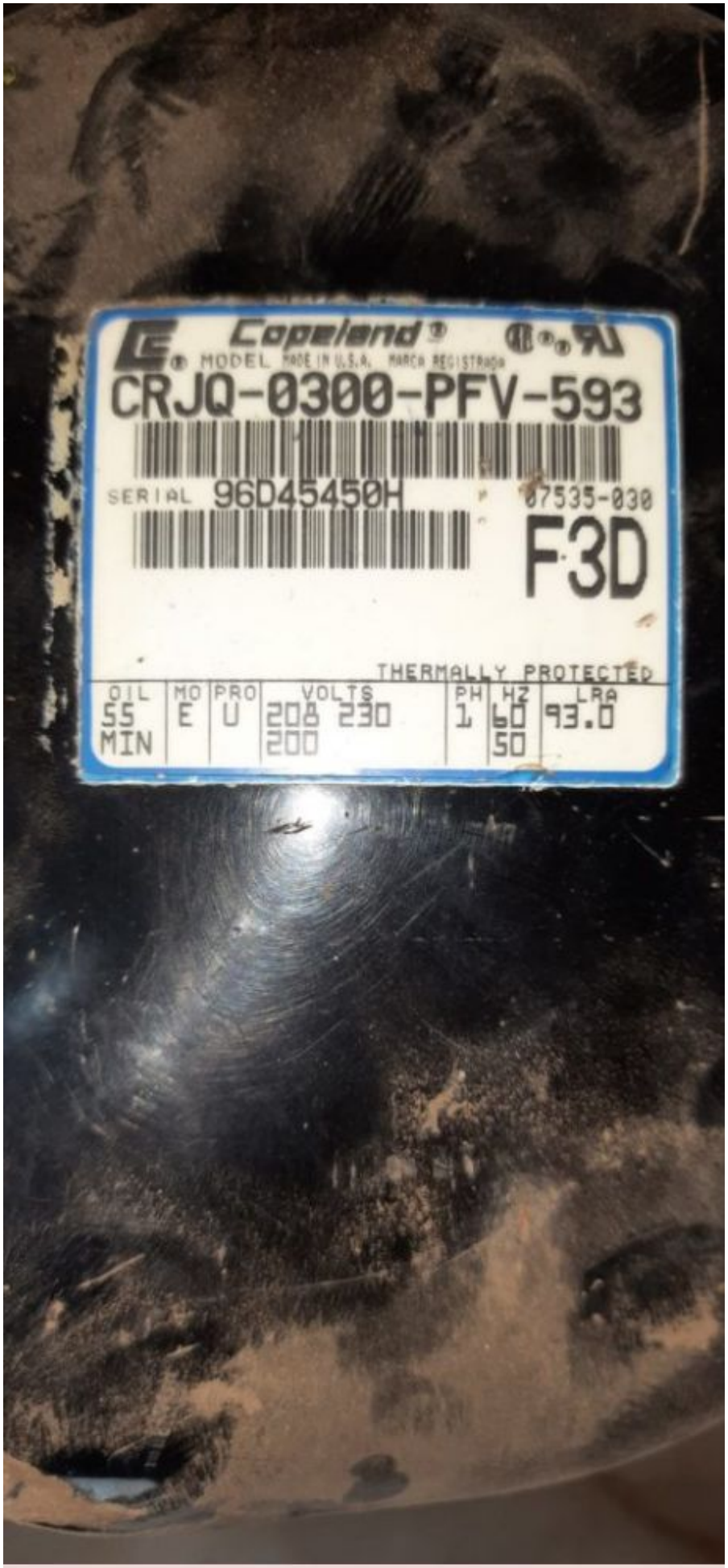


Mbsm.pro, Compressor, Danfoss, SZ300A4cbb, 25 hp, 72800 W, 248300 Btu/h, R407C, 400v/3/50hz 460v/3/60hz

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Mbsm.pro, Compressor, CRJQ-0300-PFV-593, CRJQ 0300, Copeland, 3-1/4 HP, 208-230V, 1 PH, R22, R407C, Hermetic Compressor, 3300BTU, 9170W

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Mbsm.pro, Compressor, CRJQ-0300-PFV-593, CRJQ 0300, Copeland, 3-1/4 HP, 208-230V, 1 PH, R22, R407C, Hermetic Compressor, 3300BTU, 9170W

Mbsm.pro, Scroll, Danfoss, HRP051T4LP6, compressors, Hermetic, 49.15 kBtu/h, R22, R407C, 4 1/4Hp, 3Ph, POE, Lra 60A

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bsm.pro, Scroll, Danfoss, HRP051T4LP6, compressors, Hermetic, 49.15 kBtu/h, R22, R407C, 4 1/4Hp, 3Ph, POE, Lra 60A

Compressor, CR32KQ-PFV, CR32K6-PFV-875, Copeland, américain, 3 CV,

2.5 3 Ton, 208 230 Volt A/C, 1 PH, 32,000 BTU, R22, R407C, Hermetic (Reciprocating) Compressor Replacement

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Compressor, CR32KQ-PFV, CR32K6-PFV-875, Copeland, américain, 3 CV, 2.5 3 Ton, 208 230 Volt A/C, 1 PH, 32,000 BTU, R22, R407C, Hermetic (Reciprocating) Compressor Replacement