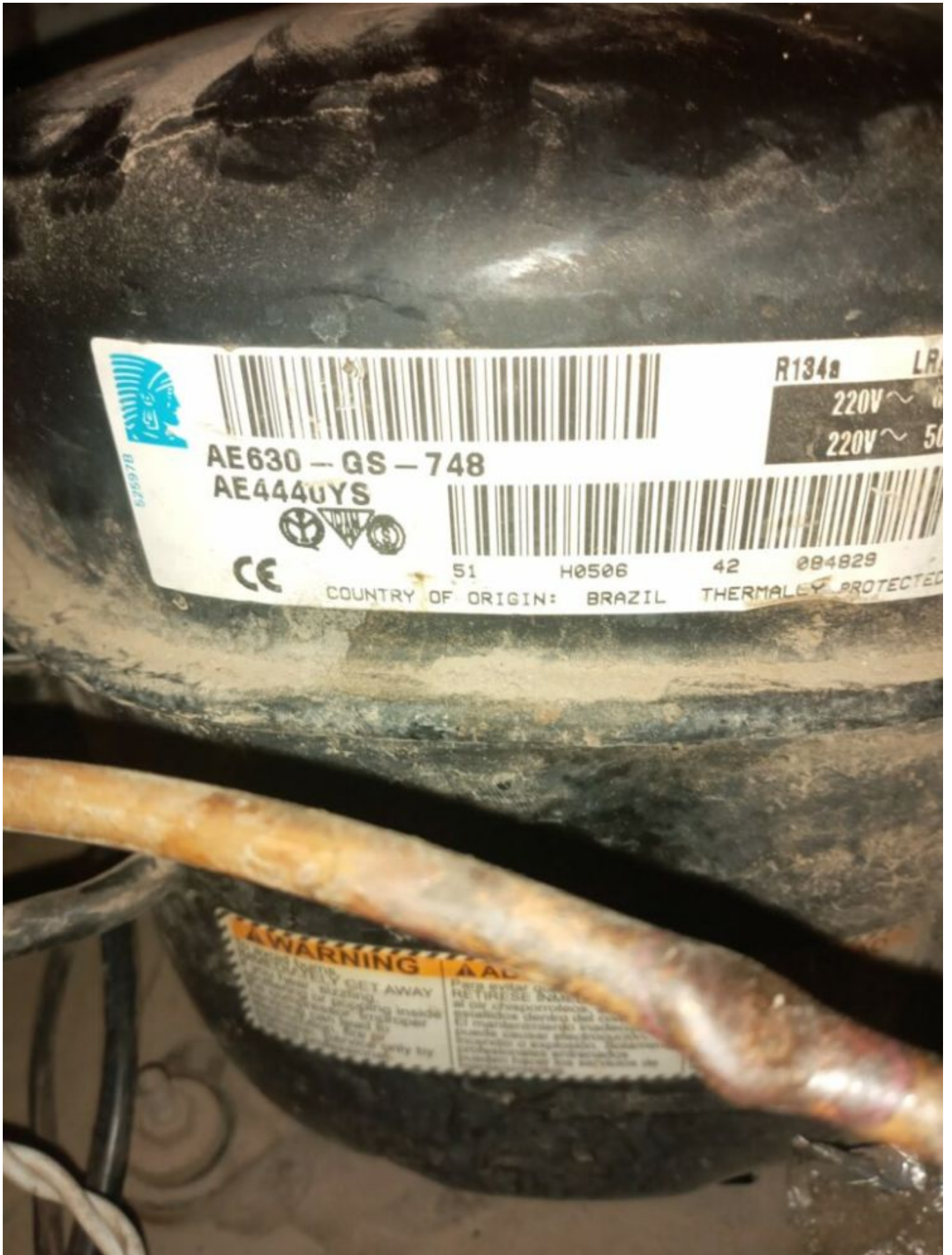


Mbsm.pro, COMPRESSOR, TECUMSEH,  
AEA4440YES, AE4440YS, AE630, 1/3+ HP,  
220V, 1ph, R134, hbp

Category: compressor

written by Lilianne | 31 December 2023





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Tecumseh/Taikang piston compression AEA4440YES/AE4440YS detailed parameters:  
product description

Product number	product type	application	refrigerant	Mains voltage/frequency	Version
AEA4440YES (AE4440YS)	Piston	HBP – High Back Pressure	R-134a	220V~60Hz	N/A

Performance/Performance

condition	Test voltage	Cooling capacity			input power			efficiency			Evaporation temperature	condensation temperature	ambient temperature	Return air temperature	Liquid temperature
		Btu/h	kcal/h	W	W	Btu/Wh	kcal/Wh	W/W							
ASHRAE	220V ~ 60HZ	4200	1058	1231	632	6.65	1.67	1.95	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)		

General/General

Evaporation temperature range: -6.7°C to 12.8°C (20°F to 55°F)

Motor torque: High Start Torque (HST)

Compressor cooling: fan

Mechanical/mechanical properties

weight: 11  
 Weight unit: KG  
 Displacement (cc): 12.04  
 Oil type: N/A  
 Viscosity (cSt): N/A  
 Oil volume (cc): 0

Electrical/electricity

Voltage range (50 Hz): N/A  
 Voltage range (60 Hz): 187-242  
 Locked Rotor Ampere (LRA): 18  
 Rated load current (RLA 50 Hz): 0  
 Rated load current (RLA 60 Hz): 3.93  
 Maximum Continuous Current (MCC in Amps): 0  
 Motor resistance (ohms) – Mainly: 4.58  
 Motor resistance (ohms) – starting: 18.82  
 Motor type: CSIR  
 Overload type: N/A  
 Relay type: N/A

Agency Approval/Agency Approval