



## TPA9417YFS

MARCA : TP  
 SOLICITUD : CBP  
 VOLTAJE : 220V 1PH 50Hz  
 REFRIGERANTE : R-134a  
 TECNOLOGÍA DEL PRODUCTO : Recíproco  
 TP Serie Compressor alternativo

## ESPECIFICACIÓN DEL PRODUCTO

### GENERAL

Caballo de fuerza:	1/3 HP
Par motor:	High Start Torque (HST)
Rango de evaporación:	-17.8°C to 10°C (0°F to 50°F)

### MECÁNICO

Desplazamiento (CC):	8.368
Enfriamiento del compresor:	Ventilador
Cargo de aceite:	247.67 cc
Tipo de aceite:	Poliéster
Viscosidad:	32

### ELÉCTRICO

LRA:	14
Tipo de motor:	CSIR
Arranque de la resistencia del motor:	17.23
MOTOR RESIS MAIN:	6.94
Rango de voltaje 50Hz:	180to242
RLA 50HZ:	2.24

### APROBACIÓN DE LA AGENCIA

Agencia:	IRAM
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\*image pictured may not identical to the actual product

## Rendimiento

Performance Data shown here is calculated and is for reference purposes. For actual performance data at specific rated conditions please click on the Performance Calculator button below the table. The performance calculator is only available for Fixed Speed Compressors and Condensing Units. If you do not see performance data here, please contact Customer Service for assistance.

R134a

50HZ

Régimen	Aplicación	Prod. frigoríf. (W)	Prod. frigoríf. (Btu/h)	Prod. frigoríf. (Kcal/h)
<b>ARI 520-90</b> 20°F, 120°F (-6°C, 48°C)	CBP Commercial Back Pressure	412	1408	355
<b>ARI 540-97</b> 20°F, 120°F (-6°C, 48°C)	CBP Commercial Back Pressure	412	1408	355
<b>ASHRAE</b> 20°F, 130°F (-6°C, 54°C)	CBP Commercial Back Pressure	482	1645	415
<b>CECOMAF</b> 41°F, 131°F (5°C, 55°C)	CBP Commercial Back Pressure	715	2441	615
<b>ENT2900</b> 41°F, 122°F (5°C, 50°C)	CBP Commercial Back Pressure	702	2396	604

## Elementos

Tipo de protector térmico	Externo
Tipo de relé	Relé de corriente
Embalaje	MÚLTIPLE
Amortiguador	Si
Condensador de arranque	Si
Cubierta terminal	Si
Sobrecarga	Si



Fechar



# Technical Specification/Especificação Técnica

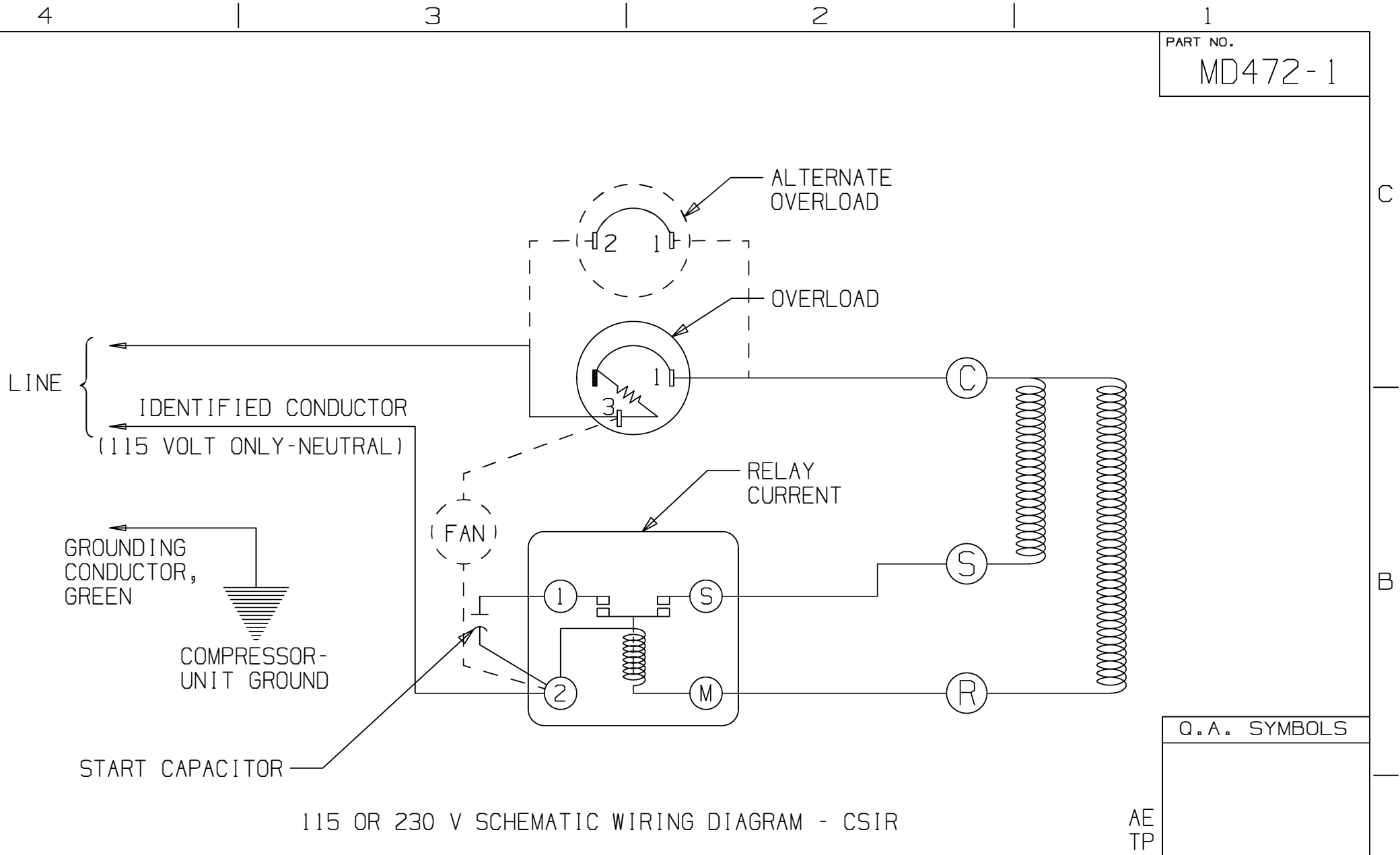
Model/Modelo <b>TPA9417YFS</b>	BM/LM <b>TP127FS</b>	Nominal Voltage/ Tensão Nominal (V)		Refrigerant/ Gás Refrigerante <b>R-134a</b>	Cooling/ Ventilação <b>Fan</b>
		60 Hz -----	50 Hz <b>220</b>		
<b>BASIC DATA/DADO BÁSICO</b>					
<p><b>Motor Type/Tipo de motor :</b> CSIR</p> <p><b>Operating Voltage Range/ Faixa de Tensão de Operação (V) :</b> 50 Hz: 180 - 242</p> <p><b>Starting Torque Class/ Classe de torque de partida :</b> High Start Torque (HST)</p> <p><b>Commercial Designation/ Designação Comercial :</b> 1/3 HP</p> <p><b>Displacement/Cilindrada :</b> 8,3679 cc/rev</p> <p><b>Application/Aplicação :</b> Commercial Back Pressure (CBP)</p> <p><b>Evaporating temperature Range/ Faixa de temperatura de evaporação :</b> -17.8°C to +10°C (0°F to +50°F)</p> <p><b>Expansion Device/ Dispositivo de expansão :</b> Capillary Tube or Expansion Valve</p> <p><b>Oil Type/Tipo de óleo :</b> Polyol Ester</p> <p><b>Oil Charge/Carga de óleo :</b> 243 ml</p> <p><b>Net Weight/Peso líquido :</b> 11.0 Kg</p> <p><b>Approval/Homologação :</b> IRAM</p> <p style="text-align: right;"><b>Viscosity/Viscosidade :</b> 32 cSt@40°C <b>Additive/Aditivo :</b> 4.67 ml</p>					
<b>PERFORMANCE DATA/ DESEMPENHO ESPERADO</b>					
<b>EST CONDITION/CONDIÇÕES DE TESTE</b>		<b>ASHRAE</b>			
Test Voltage/Tensão de teste :		220V/50Hz			
Cooling Capacity/ Capacidade frigorífica(± 5%)(BTU/h):		1650			
		(kcal/h) : 416			
		(W) : 484			
Rated Watts/Potência Absorvida(± 5%)(W):		307			
Rated Current/Corrente Absorvida(± 5%)(A):		2,24			
Efficiency/Eficiência					
(-9.04%/+10.5%) (BTU/Wh) :		5.37			
		(kcal/Wh) : 1.35			
		(W/W) : 1.58			
LRA Max. (A) : 14					
Winding Resistance/Resistência(25°C)(± 7%) (Ω): Main/Marcha: 6,94 Start/Auxiliar: 17,23					

LECTRICAL CO	NENT CO	NENT	ELÉTRIC
<b>Process Code/Código de Processo TPCo : -----</b>			
<b>Start Relay/Relê de Partida : Sensata</b>		<b>or</b>	<b>COM LA</b>
Code/Código : 9660D-XXXX-147			RP47XX
Connection Type/Tipo de conexão : Fast-on/Baioneta:3018 Screw/Parafuso:3051			Fast-on/Baioneta:18 Screw/Parafuso:08
Pick-up : 7.40 A			7.45 A
Drop-out : 6.20 A			6.30 A
Resistance : --- ohms			ohms
<b>Overload Protector/Protetor Térmico: ---</b>		<b>or</b>	<b>Compela</b>
Code/Código : -----			T1435-XX
Connection Type/Tipo de conexão : Fast-on/Baioneta:--- Screw/Parafuso:---			Fast-on/Baioneta:23 Screw/Parafuso:24
Disc Opening Temperature/ Temp. de abertura do disco (± 5°C):--- °C			140 °C
Disc Closing Temperature/ Temp. de fechamento do disco (± 9°C):--- °C			52 °C
Time Check Current : --- A			10,0 A
Time Check at 25°C : --- s			6,5-16,0 s
Trip Current : --- A at --- °C			3,15 A at 90 °C
<b>Start Capacitor/Capacitor de Partida : 88-108MFD 220VAC</b>			

*All information contained in this leaflet is subjected to change without previous notice./  
Todas as informações contidas neste formulário estão sujeitas a mudança sem prévio  
aviso.*

*Last Revision/Última Revisão: Nov. 9, 2005* Page

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115 OR 230 V SCHEMATIC WIRING DIAGRAM - CSIR

AE  
TP

				DIS.CODE	NAME SCHEMATIC WIRING DIAGRAM	
	#237130-001 REDRAWN NO CHANGE	DATE --	CHANGE		DWN. HINMAN 08-29-98	THIS PRINT SUPERSEDES ALL PRINTS PRIOR TO
	L	LC	LT		TECUMSEH PRODUCTS CO. TECUMSEH, MICHIGAN	
					MATERIAL	PART NO. MD472-1
					INTERNAL USE ONLY	
					p:\hinman\ae\ae-md472-01-1-a.prt	

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