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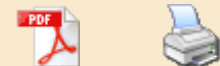
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- 1  [Mbsm_dot_pro_private_PDF_TAJ4511A-1](#)
Ajouté par: Mbsm Taille: 42 Ko
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- 3  [Mbsm_dot_pro_private_PDF_caj4511a](#)
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Product Specifications

Performance

Condition	Test Voltage	(R) Btu/h	(R) kcal/h	(R) W	(I) W	(E) Btu/Wh	(E) kcal/Wh	W/W	EVAP TEMP	COI TEI
EN12900	440V 3~ 60HZ	11249	2835	3296	1285	8.75	2.21	2.56	5°C (41°F)	45°C (113°F)
EN12900	400V 3~ 50HZ	9826	2476	2879	1032	9.52	2.4	2.79	5°C (41°F)	45°C (113°F)

General

Evaporating Temp. Range:	-15°C to 15°C (5°F to 59°F)
Motor Torque:	High Start Torque (HST)
Compressor Cooling:	Fan

Mechanical

Weight:	21
Weight Unit of Measure:	KG
Displacement (cc):	32.7
Oil Type:	Polyolester
Viscosity (cSt):	32
Oil Charge (cc):	782

Electrical

Voltage Range (50 Hz):	340-440
Voltage Range (60 Hz):	396-499
Locked Rotor Amps (LRA):	14
Rated Load Amps (RLA 50 Hz):	2.3

Rated Load Amps (RLA 60 Hz):	2.1
Rated Load Amps (RLA 60 Hz):	2.1
Max. Continuous Current (MCC in Amps):	3.4
Motor Resistance (Ohm) – Main:	15.3
Motor Resistance (Ohm) – Start:	15.3
MotorType:	3PH
Overload Type:	N/A
Relay Type:	N/A

Product Description

Tecumseh Hermetique R134a / R404a/ R22 reciprocating compressor

Hermetique R22 HBP							
For Air Conditioning Applications.							
Features:							
Anti Vibration mounts supplied							

Capacity
Rating Basis:
35°C Ambient,
11K Return
Gas
Superheat,
54.5°C
Condensing,
46.2°C Liquid
entering

Expansion
Valve.

Current FLA
are given at
nominal
voltage, rated
conditions and
7.2°C
Evaporating
Temperature.

Motor Types:

PSC =
Permanent
Split
Capacitor, 1
Phase, 50 Hz.
220-240 Volt

3Ø: 3 Phase,
50 Hz, 400
Volt

Expansion
Device:

C = Capillary Tube							
C/V = Capillary Tube or Expansion Valve							
R22 Hermetic							
Model No.	Nominal HP	Displ. cm ³ /rev	Motor Type	Nominal Current FLA	Exp. Device	Oil Charge cm ³	Cir
cm ³	Discharge Proc.						
AE 5465E	1/2	12.05	PSC	3.2	C	450	3
AJ 5510F	3/4	18.6	PSC	5.2	C	887	3
AJ 5512E	1	21.75	PSC	5.9	C	887	3
AJ 5513E	1	24.2	PSC	6	C	887	3
AJ 5515E	1 1/4	25.95	PSC	7.2	C	887	1

AJ 5518E	1 1/2	32.7	PSC	9.3	C	887	1
AJ 5519E	1 1/2	34.45	PSC	9.96	C	887	1
FH 5522E	1 3/4	39.95	PSC	9	C	1330	5
TFH 5522E	1 3/4	39.95	3Ø	3.8	C/V	1330	5
FH 5524E	2	43.5	PSC	10	C	1330	5
TFH 5524E	2	43.5	3Ø	4	C/V	1330	5
FH 5527E	2 1/4	49.1	PSC	12	C	1330	5
TFH 5527E	2 1/4	49.1	3Ø	4.2	C/V	1330	5
FH 5531E	2 1/2	56.65	PSC	14.1	C	1330	3
TFH 5531E	2 1/2	56.65	3Ø	8	C/V	1330	3
FH5540E	3	74.25	PSC	18.6	C	1330	3

TFH 5540E	3	74.25	3Ø	6	C/V	1330	3
TFH 5540E	3	74.25	3Ø	6	C/V	1330	7
TAG 5546E	3 3/4	90.2	3Ø	6.6	C/V	1960	7
TAG 5553E	4	100.7	3Ø	7.4	C/V	1960	7
TAG 5561E	5	112.5	3Ø	9	C/V	1960	7
TAG 5568E	6	124.4	3Ø	9.6	C/V	1960	7
TAG 5573E	6 1/2	134.8	3Ø	11	C/V	1960	7
Hermetique R22 M/HBP For Medium / High							

Temperature Applications							
Features:							
Anti-Vibration mounts supplied							
Charged with mineral oil and dry nitrogen							
Rotalock suction valve on CAJ/TAJ models							
Crankcase heater on FH/TFH and TAG models							
Oil sight glass on FH/TFH and TAG models							

Fan cooling
required on all
models

All models suit
capillary tube
or expansion
valve
operation

Rotalock
suction and
discharge
valves on
FH/TFH and
TAG models

Specifications:

Capacity
Rating Basis:
35°C Ambient,
11K Return
Gas
Superheat,
54.5°C

Condensing,
46°C Liquid
entering
Expansion
Valve.

Current FLA
are given at
nominal
voltage, rated
conditions and
7.2°C
evaporating
temperature.

Motor Types:

CSIR:
Capacitor
start,
Induction run }
1 Phase, 50
Hz, 220-240
Volt

CSR:

Capacitor
start and run

3Ø: 3 Phase,
50 Hz, 400
Volt

Conversion:
Watts x 3.412
= BTU/Hr
BTU/Hr x
0.293 = Watts

R22 Hermetic

Model No.	Nominal HP	Displ. cm ³ /rev	Motor Type	Nominal Current FLA	Oil Charge cm ³	Connections: inches	
Suction	Discharge						
AEZ 4425E	1/5	4.5	CSIR	1.75	450	1/4 Tube	3
AEZ 4430E	1/4	5.7	CSIR	2.2	450	1/4 Tube	3
AEZ 4440E	1/3	7.55	CSIR	2.6	450	1/4 Tube	3
AEZ 9440T	1/3	7.55	CSR	2.03	450	3/8 Tube	1
CAE 4450E	3/8	9.4	CSIR	3.3	450	3/8 Tube	1
CAE 9450T	3/8	9.5	CSR	2.6	450	3/8 Tube	1

CAE 9460T	1/2	11.3	CSR	3.2	450	3/8 Tube	1
CAJ 9408T	5/8	15.2	CSR	3.68	887	1/2 Valve	5
CAJ 9510T	1	18.3	CSR	4.8	887	5/8 Valve	5
CAJ 9513T	1 1/8	24.2	CSR	5.9	887	5/8 Valve	5
CAJ 4517E	1 1/4	25.95	CSR	6.1	887	5/8 Valve	3
TAJ 4517T	1 1/2	25.95	3Ø	2.5	887	5/8 Valve	3
TAJ 4519T	1 1/2	34.45	3Ø	3.5	887	5/8 Valve	1
FH 4524F	2	43.5	CSR	9.55	1480	5/8 Valve	1
TFH 4524F	2	4.35	3Ø	3.9	1480	7/8 Valve	1
FH 4531F	2 1/2	56.65	CSR	12.6	1480	7/8 Valve	1
TFH4531F	2 1/2	56.65	3Ø	4.75	1480	7/8 Valve	1
TFH 4540F	3	74.25	3Ø	6.08	1480	7/8 Valve	1
TAG 4546T	4	90.2	3Ø	6.6	1960	7/8 Valve	5
TAG 4553T	4 1/2	100.7	3Ø	7.4	1960	7/8 Valve	5
TAG 4561T	5	112.5	3Ø	9	1960	1 7/8 Valve	5
TAG 4568T	6	124.4	3Ø	9.6	1960	1 7/8 Valve	5
TAG 4573T	6 1/2	134.8	3Ø	11	1960	1 7/8 Valve	5
Tecumseh							

Hermetique R134a							
The world renowned L'Unite Hermetique compressors are manufactured by Tecumseh.							
Features:							
Charged with polyolester oil and dry nitrogen							
Crankcase heater on FH/TFH and TAG models							
Oil sight glass on FH/TFH							

and TAG models							
Rotalock valves are included for all valve connection compressors							
Anti-vibration mounts supplied							
Single Phase – Medium High SST							
Model No.	Nominal HP	Displacement: cm3/rev	Cooling	Oil Charge: ml			
CAJ4476Y	5/8	21.75	Fan	887			
CAJ4492Y	3/9	25.95	Fan	887			
CAJ4511Y	1	32.7	Fan	887			
FH4518Y	1 1/2	53.2	Fan	1480			

FH4525Y	2	74.25	Fan	1480			
Three Phase – Medium High SST							
Model No.	Nominal HP	Displacement: cm ³ /rev	Cooling	Oil Charge: ml			
TAJ4511Y	1	32.7	Fan	887			
TFH4518Y	1 1/2	53.2	Fan	1480			
TFH4525Y	2	74.25	Fan	1480			
TAG4528Y	2 1/2	90.2	Fan	1960			
TAG4534Y	2 3/4	100.7	Fan	1960			
TAG4537Y	3	112.5	Fan	1960			
TAG4543Y	3 1/2	124.4	Fan	1960			
Superceded Models							
Model No.	Nominal HP	Displacement: cm ³ /rev	Cooling	Oil Charge: ml			

AEZ4425Y	1/5	7.55	Fan	450			
AEZ4430Y	1/4	8.85	Fan	450			
CAE4440Y	3/8	12.05	Fan	450			
CAE4448Y	1/3	14.15	Fan	450			
CAJ4452Y	1/3	15.2	Fan	887			
CAE4456Y	1/2	16	Fan	450			
CAJ4461Y	1/2	18.3	Fan	887			
Tecumseh Hermetique R404A							
The world renowned L'Unite Hermetique compressors are manufactured by Tecumseh.							
Features:							

Charged with polyolester oil and dry nitrogen						
Crankcase heater on FH/TFH and TAG models						
Oil sight glass on FH/TFH and TAG models						
Rotalock valves are included for all valve connection compressors						
Anti-vibration mounts supplied						

Specifications:							
Capacity Rating Basis: 35°C Ambient, 11K Return Gas Superheat, 54.5°C Condensing, 46°C Liquid entering Expansion Valve.							
Current FLA are given at nominal voltage, rated conditions and 7.2°C Evaporating Temperature.							
Motor Types:							

CSIR:
Capacitor
Start,
Induction Run
1 Phase, 50
Hz, 220-240
Volt

CSR:
Capacitor
Start and Run

3Ø: 3 Phase,
50 Hz, 400
Volt

All models are
also suitable
for operation
with R507

Single Phase
– Medium
High SST

Model No.

Nominal
HP

Displacement:
cm³/rev

Cooling

Oil
Charge:

				ml			
CAJ9480Z	5/8	15.2	Fan	887			
CAJ9510Z	1	18.3	Fan	887			
CAJ9513Z	1 1/8	24.2	Fan	887			
CAJ4517Z	1 1/4	25.95	Fan	887			
CAJ4519Z	1 1/2	34.45	Fan	887			
FH4522Z	1 3/4	39.95	Fan	1480			
FH4524Z	2	43.5	Fan	1480			
FH4531Z	2 1/2	56.65	Fan	1480			
FH4540Z	3	74.25	Fan	1480			
Three Phase – Medium High SST							
Model No.	Nominal HP	Displacement: cm3/rev	Cooling	Oil Charge: ml			
TAJ9480Z	5/8	15.2	Fan	887			
TAJ9510Z	1	18.3	Fan	887			

TAJ9513Z	1 1/8	24.2	Fan	887		
TAJ4517Z	1 1/4	25.95	Fan	887		
TAJ4519Z	1 1/2	34.45	Fan	887		
TFH4522Z	1 3/4	39.95	Fan	1480		
TFH4524Z	2	43.5	Fan	1480		
TFH4531Z	2 1/2	56.65	Fan	1480		
TFH4540Z	3	74.25	Fan	1480		
TAG4546Z	4	90.2	Fan	1960		
TAG4553Z	4 1/2	100.7	Fan	1960		
TAG4561Z	5	112.5	Fan	1960		
TAG4568Z	6	124.4	Fan	1960		
TAG4573Z	6 1/2	134.8	Fan	1960		
Single Phase – Low SST						
Model No.	Nominal HP	Displacement: cm3/rev	Cooling	Oil Charge: ml		
CAE2417Z	1/3	11.3	Fan	450		
CAE2420Z	1/2	12.54	Fan	450		

CAE2424Z	5/8	15	Fan	450		
CAJ2428Z	1/2	15.2	Fan	887		
CAJ2432Z	5/8	18.3	Fan	887		
CAJ2446Z	3/4	26.15	Fan	887		
CAJ2464Z	1 1/2	34.45	Fan	887		
FH2480Z	2	53.2	Fan	1625		
FH2511Z	2 1/2	74.25	Fan	1625		
Three Phase – Low SST						
Model No.	Nominal HP	Displacement: cm ³ /rev	Cooling	Oil Charge: ml		
TAJ2464Z	1 1/2	34.45	Fan	887		
TFH2480Z	2	53.2	Fan	1625		
TFH2511Z	2 1/2	74.25	Fan	1625		
TAG2516Z	4	112.5	Fan	1960		
TAG2522Z	5 1/2	134.8	Fan	1960		
Three Phase						

– Parallel Applications						
Model No.	Nominal HP	Displacement: cm3/rev	Application: SST	Cooling	Oil Charge: ml	
TAGP4546Z	4	90.2	Medium	Fan	1960	
TAGP4553Z	4 1/2	100.7	Medium	Fan	1960	
TAGP4561Z	5	112.5	Medium	Fan	1960	
TAGP4568Z	6	124.4	Medium	Fan	1960	
TAGP4573Z	6 1/2	134.8	Medium	Fan	1960	
TAGP2516Z	4	112.5	Low	Fan	1960	
TAGP2522Z	5 1/2	134.8	Low	Fan	1960	



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- تحويل القدم للتر, تحويل القدم, hp درس, قدرات الضواغط المناسبة في الثلاجات, تحويل اللتر لhp
- RSIR, CSIR, CSR, PTC, DC Iverter, أنواع الضاغط, في أنظمة التبريد, الفرق بين
- ... خذييني.. قصيدة في الشعر الحر للشاعر التونسي منير بن صالح ميلاد
- ماذا يعني 1 حصان
- w حسب الوات hp مخطط بسيط جدا لمعرفة قدرة الضاغط
- BTU معلومات بسيطة جدا عن الفرق بين الحصان والطن و
- تونس الباكية
- أحبك يا وطني



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