

Mbsm.pro, Tecumseh, 1/2 hp, HBP,  
Caj4461y, Caj4461A, Tecumseh,  
Compressor, Refrigeration, R410A,  
CAJ9510T-F1, 1hp, hbp

Category: compressor

written by [www.mbsm.pro](http://www.mbsm.pro) | 17 January 2024



Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

## Tecumseh Compressor CAJ4461A

### Product Description:

**Type:** Reciprocating Compressors

**Application:** HBP – High Back Pressure

**ProductDescription:** R-12

**Voltage/Frequency:** 220-240V ~ 50Hz

**Version:** N/A

### Product Specifications

# Performance:

Condition	Test Voltage	Refrigeration Capacity			Input Power		(E)Efficiency		EVAP TEMP	Condition	AMBIENT TEMP	RETURN GAS	LIQUID TEMP
		(R)Btu/ h	(R)kcal/ h	(R) W	(I) W	(E)Btu/Wh	(E)kcal/ Wh	W/W					
EN12900	220V ~ 50HZ	4629	1166	1356	657	7.04	1.77	2.06	5°C ( 41°F)	50°C ( 122°F)	32°C ( 90°F)	20°C ( 68°F)	50°C ( 122°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: 18

Weight Unit of Measure: KG

Displacement (cc): 18.3

Oil Type: Mineral

Viscosity(cSt): 68

Oil Charge (cc): 475

## Electrical

Voltage Range (50 Hz): 198-253

Voltage Range (60 Hz):

Locked Rotor Amps (LRA): 20

Rated Load Amps (RLA 50 Hz): 3.8

Rated Load Amps (RLA 60 Hz): 0

Max. Continuous Current (MCCin Amps): 0

Motor Resistance (Ohm) – Main: 3.9

Motor Resistance (Ohm) – Start: 20.6

MotorType: CSIR



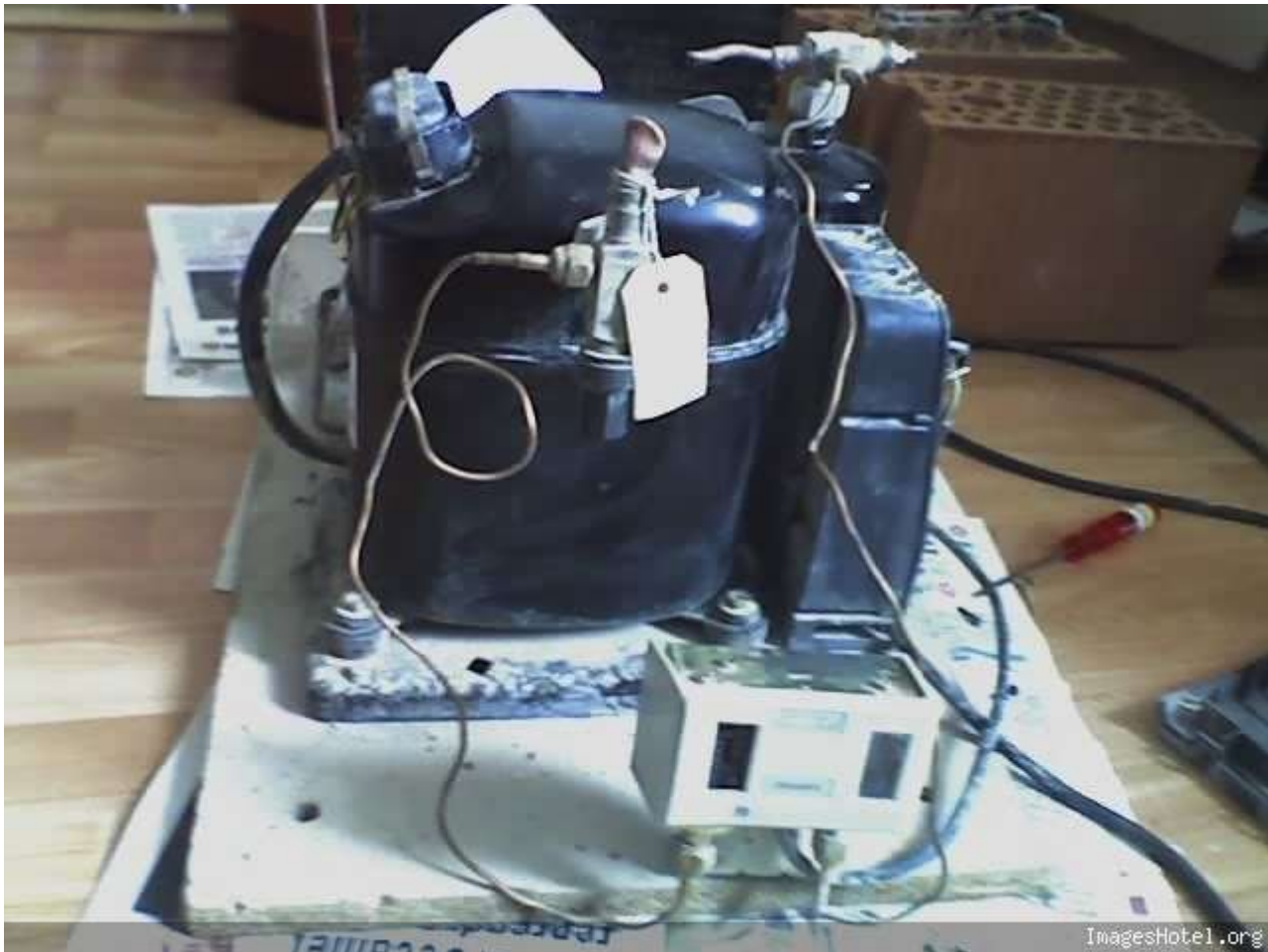
ImagesHotel.org

Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)



ImagesHotel.org

Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)



ImagesHotel.org

Private Picture Copyright : WWW.MBSM.PRO

**Tecumseh Reciprocating Compressor CAJ9510T-F1 F VATC**

**Tecumseh Reciprocating Compressor,**

1, Model : CAJ9510T-F1 F VATC, MBP/HBP

2, Refrigerant: R22

3, Voltage: 220~240V/50HZ, 1Hp

4, Data as follows:

**Refrigeration Capacity Input Power**

Condition	Test Voltage	Btu/h	kcal/h	W	W
EN12900 ASERCOM	230V ~ 50HZ	4307	1085	1262	749

**Efficiency**

Btu/Wh	kcal/Wh	W/W	EVAP TEMP	COND TEMP	AMBIENT TEMP	RETURN TEMP	GAS TEMP	LIQUID TEMP
5.75	1.45	1.68	-10°C (14°F)	45°C (113°F)	32°C (90°F)	0°C (32°F)	45°C (113°F)	

Evaporating Temp. Range: -23.3°C to 12.8°C (-10°F to 55°F)

Motor Torque: High Start Torque (HST)

Compressor Cooling: Fan

Weight: 22.922

Weight Unit of Measure: N/A

Displacement (cc): 18.3

Oil Type: Mineral

Viscosity (cSt): 68

Oil Charge (cc): 887

Sound Power dB(A): N/A

Voltage Range (50 Hz):	198-253
Voltage Range (60 Hz):	N/A
Locked Rotor Amps (LRA):	29
Rated Load Amps (RLA 50 Hz):	4.7
Rated Load Amps (RLA 60 Hz):	4.7
Max. Continuous Current (MCC in Amps):	7.5
Motor Resistance (Ohm) – Main:	2.4
Motor Resistance (Ohm) – Start:	10.3
Motor Type:	CSR
Overload Type:	EXTERNAL
Relay Type:	Potential Relay

**Specifications:**

Tecumseh compressor:

Reciprocating for commercial and domestic refrigeration and air conditioning applications.

Rotary for air conditioning and commercial refrigeration applications.

**We can supply more models as follow:**

L' UNITE HERMETIQUE HERMETIC COMPRESSORS

MODEL	HP	TEMP	REFRIGERANT
AEZ2415Z	7/16		

L

CAE2417Z	7/16	
CAE2420Z	1/2	
CAE2424Z	5/8	
CAJ2428Z	3/4	
TAJ2428Z	3/4	
CAJ2432Z	3/4	
CAJ2440Z	1	
CAJ2446Z	1	
TAJ2446Z	1	
CAJ2464Z	1-1/2	
TAJ2464Z	1-1/2	
CAJ2480Z	2	
TAJ2480Z	2	
FH2511Z	3	
TFH2511Z	3	
TAG/TAGP 2516Z	4	
TAG/TAGP 2522Z	6	
TAGD2532Z	8	
TAGD2544Z	12	
AEZ4440Z	1/3	
AEZ9440Z	1/3	
AE3450Z	3/7	
CAE4450Z	3/7	
CAE9450Z	3/7	
CAE9460Z	1/2	
CAE9470Z	9/16	
CAJ9480Z	5/8	
TAJ9480Z	5/8	
CAJ9510Z	1	
TAJ9510Z	1	
CAJ9513Z	1-1/8	
TAJ9513Z	1-1/8	M/H
CAJ4517Z	1-1/4	
TAJ4517Z	1-1/4	
CAJ4519Z	1-3/4	
TAJ4519Z	1-3/4	
FH4522Z	2	
TFH4522Z	2	
FH4524Z	2	
TFH4524Z	2	
FH4531Z	2-3/4	
TFH4531Z	2-3/4	
FH4540Z	3-1/2	
TFH4540Z	3-1/2	

AEZ4430Y	1/4		
AE3440Y	1/3		
CAE4440Y	1/3		
CAE4448Y	3/7		
CAE4456Y	7/16		
CAJ4452Y	3/7		
CAJ4461Y	1/2		
TAJ4461Y	1/2		
CAJ4476Y	5/8	M/H	R134a
CAJ4492Y	3/4		
TAJ4492Y	3/4		
CAJ4511Y	1		
TAJ4511Y	1		
FH4518Y	1-1/2		
TFH4518Y	1-1/2		
FH4525Y	2		
TFH4525Y	2		
CAE2417L	1/2		
CAJ2428L	5/8		
TAJ2428L	5/8		
CAJ2432L	3/4		
CAJ2446L	1		
TAJ2446L	1		
CAJ2464L	1-1/2		
TAJ2464L	1-1/2	L	R502
TAH2480J	2		
TAH2511K	3		
TAHD2516J	4		
TAHD2522K	6		
TAG2516K	4		
TAG2522K	6		



AEZ4430E	1/4		
AEZ3430E	1/4		
AEZ3440E	1/3		
AEZ4440E	1/3		
AEZ9440T	1/3		
AE3450E	3/7		
CAE4450E	3/7		
CAE9450E	3/7		
CAE9460E	1/2		
CAJ9480T	5/8		
TAJ9480T	5/8		
CAJ9510T	1		
TAJ9510T	1		
CAJ9513T	1-1/8		
TAJ9513T	1-1/8		
CAJ4517E	1-1/4		
CAJ4519T	1-3/4		
TAJ4519T	1-3/4	M/H	R22
FH4522F	2		
TFH4522F	2		
FH4524F	2		
TFH4524F	2		
FH4531F	2-3/4		
TFH4531F	2-3/4		
TFH4538E	3		
TFH4540F	3-1/2		
TAG/TAGP 4546T	4		
TAG/TAGP 4553T	4-1/2		
TAG/TAGP 4561T	5		
TAG/TAGP 4568T	6		
TAG/TAGP 4573T	6		
TAGD4590T	7-1/2		
TAGD4610T	9		
TAGD4612T	10		
TAGD4614T	12		

NO Model Refrigerant Horse Power

1	CAJ4461A-F1	G VA TC	R12	1/2 HP
2	CAJ4492A-F1	G VA TC	R12	3/4 HP
3	CAJ4511A-F1	G VA TC	R12	1 HP
4	CAE4440Y-F1	FTU	R134A	3/8 HP
5	CAE4456Y-F2	FTU	R134A	7/16 HP
6	CAJ4492Y-F1	TU	R134A	3/4 HP
7	CAJ4511Y-F1	F VA TC	R134A	1 HP
8	CAJ4461Y-F1	TU	R134A	1/2 HP
9	CAJ4511Y-F1	TU	R134A	1 HP
10	CAJ4476Y-F1	F TU	R134A	5/8 HP

11 CAJ4461Y-F1	F VA TC R134A	1/2 HP
12 AEZ3440E-F2	FTU R22	1/3 HP
13 CAE9460T-F2	FTU R22	1/2 HP
14 AJ5510F-F1	F PSC TU R22	3/4 HP
15 AJ5518E-F1	F CSR TU R22	1-1/4 HP
16 CAE2420E-F2	GTU R22	1/2 HP
17 CAJ9480T-F1	F VATC R22	5/8 HP
18 CAJ9510T-F1	F VATC R22	1 HP
19 CAJ9513T-F1	F VATC R22	1-1/8 HP
20 CAJ9513T-F1	TU R22	1-1/8 HP
21 CAJ4517E-F1	F VA TC R22	1-1/4 HP
22 TAJ9510T-F1	F TU R22	1 HP
23 CAJ4519T-F1	G VA TC R22	1-3/4 HP
24 CAJ4519T-F1	G TU R22	1-3/4 HP
25 CAJ2427E-F1	G TU R22	3/4 HP
26 CAJ2439E-F1	G TU R22	1 HP
27 TAJ9510T-F1	F VA TC R22	1 HP
28 CAJ9480T-F1	F TU R22	5/8 HP
29 CAJ9510T-F1	F TU R22	1 HP
30 AJ5512E-F1	G PSC TU R22	1 HP
31 AJ5515E-F1	G PSC TU R22	1-1/4 HP
32 CAJ9510Z-F1	FTU R404A	1HP
33 TAJ2446Z-F1	TVATC R404A	1HP
34 TAJ2464Z-F1	TTU R404A	1.5HP
35 CAE2420Z-F2	FTU R404A	1/2 HP
36 CAE2424Z-F2	FTU R404A	5/8 HP
37 CAE9460Z-F2	FTU R404A	1/2 HP
38 CAJ4519Z-F1	F VA TC R404A	1-3/4 HP
39 CAJ2446Z-F1	F TU R404A	1 HP
40 CAJ2464Z-F1	F VA TC R404A	1-1/2 HP
41 CAJ2440Z-F1	F VA TC R404A	1 HP
42 CAJ4517Z-F1	F TU R404A	1-1/4 HP
43 CAJ4519Z-F1	F TU R404A	1-3/4 HP
44 CAJ9510Z-F1	F VA TC R404A	1 HP
45 CAJ9513Z-F1	F VA TC R404A	1-1/8 HP
46 CAJ4517Z-F1	F VA TC R404A	1-1/4 HP
47 CAJ9513Z-F1	F TU R404A	1-1/8 HP
48 CAJ2428Z-F1	F TU R404A	3/4 HP
49 CAJ2432Z-F1	F VA TC R404A	3/4 HP
50 CAJ2446Z-F1	F VA TC R404A	1 HP