



tecumseh

AE2415Z-FZ1B

220 - 240V 1~ 50 Hz

Compressor

LBP

R-404A

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
R-452A	50HZ	211	720	
R-404A	50HZ	219	747	
R-448A	50HZ	215	734	
R-449A	50HZ	214	731	

(*) Operating conditions EN12900 : Dew / T°Cond. 40°C / T°Evap -35°C / T°Return gas temp. 20°C / T°Subcooling 0K



*Non-contractual picture

Dimensions

Weight	10.4 kg (23 lb)
Length	251 mm (9.9 in)
Width	161 mm (6.3 in)
Height	207 mm (8.2 in)
Ø Suction Tube	1/4 in (6.35mm)
Ø Discharge Tube	3/16 in (4.76mm)

Certificates



General

Compressor Type	Reciprocating
Displacement (cc)	7.33
Horse Power	1/3
Compressor Cooling	Fan
Evaporating Temp. Range	-40°C to -10°C (-40°F to 14°F)
Expansion Device	Capil. Tube/Expans. Valve
Oil Type	P.O.E 32
Oil Charge (cc)	265

Electrical

Motor Type	CSIR
Main Winding (Ohm)	9.3
Start Winding (Ohm)	15.82
Current RLA 50Hz (A)	1.9
Current LRA (A)	12.5
Start Capacitor	72-88 µF / 330 V
Overload	T4111-23
- Time Check	6.5-16.0s / 9.4 A
- Open Temp / Close Temp	105 °C / 61 °C
Current Relay	9660D-3018-130
- Pick Up / Drop Out	5.3 A / 4.45 A

Note : Tecumseh reserves the right to change information contained in this document without notification.



tecumseh

AE2415Z-FZ1B

220 - 240V 1~ 50 Hz

Performances are given at rating conditions EN12900
Conditions DEW

Return gas temp. : 20 °C
Subcooling : 0 K

50HZ R-452A

Condensing	Evaporating (°C)	-40	-35	-30	-25	-20	-15	-10
30	Refrig. Capacity (Watt)	189	277	377	493	630	793	987
	Power Input (W)	157	189	218	243	269	295	324
	Amps (A)	1.47	1.53	1.6	1.67	1.75	1.84	1.94
40	Refrig. Capacity (Watt)	140	211	290	380	487	615	767
	Power Input (W)	159	195	227	258	288	321	358
	Amps (A)	1.48	1.54	1.62	1.71	1.81	1.93	2.07
50	Refrig. Capacity (Watt)			211	280	361	457	573
	Power Input (W)			233	268	305	345	389
	Amps (A)			1.64	1.74	1.87	2.01	2.18
60	Refrig. Capacity (Watt)				191	250	319	402
	Power Input (W)				274	317	364	416
	Amps (A)				1.75	1.9	2.08	2.29

© 2025 Tecumseh Products Company

50HZ R-404A

Condensing	Evaporating (°C)	-40	-35	-30	-25	-20	-15	-10
30	Refrig. Capacity (Watt)	197	289	393	514	657	826	1028
	Power Input (W)	169	204	235	263	290	318	349
	Amps (A)	1.56	1.62	1.69	1.77	1.86	1.95	2.06
40	Refrig. Capacity (Watt)	146	219	300	394	505	637	794
	Power Input (W)	171	210	245	278	311	347	386
	Amps (A)	1.57	1.64	1.72	1.81	1.92	2.05	2.19
50	Refrig. Capacity (Watt)		155	217	288	371	469	587
	Power Input (W)		212	251	290	329	372	420
	Amps (A)		1.64	1.73	1.85	1.98	2.14	2.32
60	Refrig. Capacity (Watt)			143	194	252	322	406
	Power Input (W)			251	295	342	392	449
	Amps (A)			1.73	1.86	2.02	2.21	2.43



tecumseh

AE2415Z-FZ1B

220 - 240V 1~ 50 Hz

Performances are given at rating conditions EN12900
Conditions DEW

Return gas temp. : 20 °C
Subcooling : 0 K

50HZ R-448A*

Condensing	Evaporating (°C)	-40	-35	-30	-25	-20	-15	-10
30	Refrig. Capacity (Watt)	189	277	377	493	630	793	987
	Power Input (W)	149	180	207	231	255	280	308
	Amps (A)	1.44	1.5	1.56	1.63	1.71	1.8	1.9
40	Refrig. Capacity (Watt)		215	296	388	497	628	783
	Power Input (W)		185	216	245	274	305	340
	Amps (A)		1.51	1.58	1.67	1.77	1.89	2.02
50	Refrig. Capacity (Watt)			221	294	379	480	602
	Power Input (W)			221	255	290	328	370
	Amps (A)			1.6	1.7	1.83	1.97	2.14
60	Refrig. Capacity (Watt)				210	274	351	443
	Power Input (W)				260	301	346	395
	Amps (A)				1.72	1.86	2.04	2.24

© 2025 Tecumseh Products Company

50HZ R-449A*

Condensing	Evaporating (°C)	-40	-35	-30	-25	-20	-15	-10
30	Refrig. Capacity (Watt)	188	276	376	491	628	791	984
	Power Input (W)	149	180	207	231	255	280	308
	Amps (A)	1.44	1.5	1.56	1.63	1.71	1.8	1.9
40	Refrig. Capacity (Watt)		214	294	386	495	625	780
	Power Input (W)		185	216	245	274	305	340
	Amps (A)		1.51	1.58	1.67	1.77	1.89	2.02
50	Refrig. Capacity (Watt)			220	292	377	477	599
	Power Input (W)			221	255	290	328	370
	Amps (A)			1.6	1.7	1.83	1.97	2.14
60	Refrig. Capacity (Watt)				208	272	348	440
	Power Input (W)				260	301	346	395
	Amps (A)				1.72	1.86	2.04	2.24

* Due to very high discharge temperature especially on LBP conditions, please strictly refer to Tecumseh Guidelines & Marketing Bulletin when using this refrigerant.