



tecumseh

AJ4492N

220 - 240V 1~ 50 Hz

Compressor

AJ4492N-FZ1B

HBP

R-134a / R-1234yf / R-513A

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
R-1234yf	50HZ	2036	6942	57 dBA
R-134a	50HZ	2108	7187	
R-513A	50HZ	2134	7277	

(*) Operating conditions EN12900 : Dew / T°Cond. 50°C / T°Evap 5°C / T°Return gas temp. 20°C / T°Subcooling 0K



*Non-contractual picture

Dimensions

Weight	20.2 kg (45 lb)
Length	246 mm (9.7 in)
Width	218 mm (8.6 in)
Height	280 mm (11 in)
Ø Suction Tube	1/2 in (12.7mm)
Ø Discharge Tube	5/16 in (7.93mm)

Certificates



General

Compressor Type	Reciprocating
Displacement (cc)	26
Horse Power	3/4
Compressor Cooling	Fan
Evaporating Temp. Range	-15°C to 15°C (5°F to 59°F)
Expansion Device	Capil. Tube/Expans. Valve
Oil Type	P.O.E 32
Oil Charge (cc)	475

Electrical

Motor Type	CSIR
Main Winding (Ohm)	2.9
Start Winding (Ohm)	12.8
Current RLA 50Hz (A)	5.9
Current MCC (A)	8.5
Current LRA (A)	28
Start Capacitor	64-74 µF / 330 V
Overload	MST18AIN-3291
- Time Check	7.5s - 14s / 20.7 A
- Open Temp / Close Temp	120 °C / 69 °C
Potential Relay	RVA 4G3D
- Pick Up / Drop Out	180-195 V / 40-105 V

Pressure Equipment Directive

Max. Ambient Temp. (°C)	+46
Max. Allowable Press. (bar)	11.5
Ambient Temp. Range (°C)	-35/+150
Leak Test pressure (bar)	12.7
Free Volume (l)	4.7

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



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AJ4492N

220 - 240V 1~ 50 Hz

Performances are given at rating conditions EN12900
Conditions DEW

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

50HZ R-1234yf



Condensing	Evaporating	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	Refrig. Capacity	(Watt)	659	911	1197	1522	1896	2323	2811	3368	3999
	Power Input	(W)	461	526	581	629	673	717	764	818	881
	Amps	(A)	4.01	4.2	4.37	4.52	4.67	4.8	4.92	5.02	5.12
40	Refrig. Capacity	(Watt)		724	989	1287	1623	2004	2437	2930	3489
	Power Input	(W)		533	613	682	744	802	859	919	985
	Amps	(A)		4.16	4.42	4.68	4.92	5.15	5.36	5.57	5.76
50	Refrig. Capacity	(Watt)			771	1036	1330	1661	2036	2461	2943
	Power Input	(W)			616	714	801	881	956	1030	1106
	Amps	(A)			4.42	4.77	5.11	5.43	5.74	6.04	6.33
60	Refrig. Capacity	(Watt)				785	1034	1311	1622	1975	2376
	Power Input	(W)				715	836	945	1045	1141	1236
	Amps	(A)				4.79	5.23	5.65	6.06	6.46	6.84

50HZ R-134a



Condensing	Evaporating	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	Refrig. Capacity	(Watt)	592	828	1113	1455	1864	2348	2915	3574	4334
	Power Input	(W)	415	479	536	588	636	680	723	764	804
	Amps	(A)	4.32	4.39	4.47	4.58	4.7	4.85	5.01	5.2	5.4
40	Refrig. Capacity	(Watt)		664	925	1230	1590	2013	2507	3081	3744
	Power Input	(W)		483	562	634	701	763	823	880	935
	Amps	(A)		4.37	4.53	4.71	4.91	5.13	5.37	5.62	5.9
50	Refrig. Capacity	(Watt)			722	996	1313	1681	2108	2603	3174
	Power Input	(W)			560	657	748	834	915	993	1068
	Amps	(A)			4.55	4.81	5.08	5.37	5.69	6.02	6.37
60	Refrig. Capacity	(Watt)				748	1028	1346	1711	2133	2619
	Power Input	(W)				652	772	886	994	1098	1198
	Amps	(A)				4.87	5.22	5.59	5.97	6.38	6.81

Performances are given at rating conditions EN12900
Conditions DEW

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

50HZ R-513A

Condensing	Evaporating (°C)	-25	-20	-15	-10	-5	0	5	10	15
30	Refrig. Capacity (Watt)	695	943	1238	1586	1997	2480	3042	3694	4443
	Power Input (W)	458	525	584	637	686	732	776	820	864
	Amps (A)	4.32	4.39	4.47	4.58	4.7	4.85	5.01	5.2	5.4
40	Refrig. Capacity (Watt)	513	750	1018	1327	1683	2097	2577	3131	3768
	Power Input (W)	430	521	604	679	749	815	877	938	999
	Amps (A)	4.23	4.37	4.53	4.71	4.91	5.13	5.37	5.62	5.9
50	Refrig. Capacity (Watt)		531	784	1061	1373	1728	2134	2600	3136
	Power Input (W)		482	594	697	794	885	972	1056	1138
	Amps (A)		4.32	4.55	4.81	5.08	5.37	5.69	6.02	6.37
60	Refrig. Capacity (Watt)			521	778	1055	1360	1702	2090	2533
	Power Input (W)			549	686	816	938	1055	1168	1278
	Amps (A)			4.55	4.87	5.22	5.59	5.97	6.38	6.81