



Compressor
Voltage Code : FZ

AJ4513N-FZ

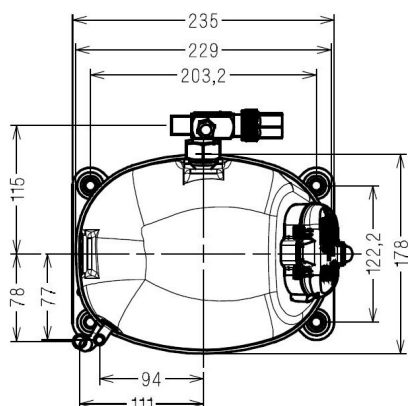
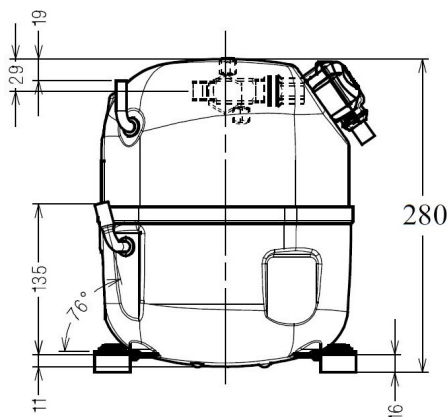
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R1234yf / R134a / R513A

AJ4513N-FZ3C

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN12900_MHP / R1234yf	50 Hz	1543	5260	60 dBA
EN12900_MHP / R134a	50 Hz	1591	5425	60 dBA
EN12900_MHP / R513A	50 Hz	1701	5802	60 dBA



Displacement (cc)	34,45
Net Weight (Kg)	21.4
Oil Quantity (cc)	475.0
Oil Type	Polyolester
Expansion Device	Capillary_Tube/Expansion_Valve
Cooling	Fan
Main Winding (Ohm)	2.0
Start Winding (Ohm)	8.8
Current	
RLA (A)	6,1
MCC (A)	10,2
LRA (A)	35,5
Electrical Equipment	CSR
Overload	MST18AIW
Time Check	2.8s - 5.2s / 29 A
Open Temp	135° C
Close Temp	61° C
Optional	T0610
Start Capacitor	88 µF / 330 V
Run Capacitor	15 µF / 400 V
Potential Relay	RVA4AP**
Pick Up	300/328V
Drop Out	60/121V
Optional	3ARR3*6D*
Refrigerating connection for	
Suction Tube	15.9 (5/8")
Discharge Tube	7.9 (5/16")
Process Tube	6.35 (1/4")

* EN12900_MHP : T°Cond. 45.0°C / T°Evap. -10.0°C / T°Return gas temp.. 20.0°C
T°Subcooling. 0.0K

Certificates :

AJ4513N-FZ	Tension FZ : 220 - 240V 1~ 50 Hz
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Les performances sont données dans les conditions EN12900_MHP :	Gaz aspirés : 20.0 °C
Condition Dew	Sous refroidissement : 0.0 K
The performance data are in EN12900_MHP conditions :	Return gas : 20.0 °C
Dew Condition	Subcooling : 0.0 K

50 Hz R1234yf											
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	917	1212	1560	1969	2445	2997	3632	4357	5178
	2 P absorbée	(W)	554	627	695	761	827	896	968	1047	1136
	3 I absorbée	(A)	2.97	3.26	3.55	3.84	4.12	4.41	4.69	4.97	5.25
40	1 P frigorifique	(Watt)	742	1014	1325	1684	2098	2573	3117	3738	4442
	2 P absorbée	(W)	562	657	745	828	909	990	1072	1159	1252
	3 I absorbée	(A)	2.97	3.35	3.74	4.12	4.50	4.88	5.26	5.63	6.01
50	1 P frigorifique	(Watt)		806	1086	1400	1755	2159	2618	3139	3731
	2 P absorbée	(W)		663	776	882	983	1082	1180	1280	1384
	3 I absorbée	(A)		3.39	3.87	4.35	4.82	5.30	5.77	6.24	6.71
60	1 P frigorifique	(Watt)			837	1111	1413	1750	2128	2556	3040
	2 P absorbée	(W)			781	915	1043	1165	1284	1403	1523
	3 I absorbée	(A)			3.94	4.51	5.08	5.65	6.22	6.79	7.35

50 Hz R134a											
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	866	1178	1552	1995	2518	3131	3842	4662	5600
	2 P absorbée	(W)	544	618	687	753	822	895	977	1072	1182
	3 I absorbée	(A)	3.31	3.56	3.80	4.05	4.29	4.53	4.77	5.01	5.24
40	1 P frigorifique	(Watt)	694	988	1329	1727	2192	2733	3359	4080	4906
	2 P absorbée	(W)	545	644	733	817	898	981	1069	1166	1275
	3 I absorbée	(A)	3.29	3.65	4.01	4.36	4.72	5.07	5.42	5.76	6.11
50	1 P frigorifique	(Watt)		784	1096	1453	1862	2334	2878	3504	4222
	2 P absorbée	(W)		640	758	867	970	1070	1172	1278	1393
	3 I absorbée	(A)		3.59	4.06	4.52	4.99	5.45	5.91	6.37	6.82
60	1 P frigorifique	(Watt)			852	1170	1528	1935	2401	2935	3547
	2 P absorbée	(W)			754	895	1026	1152	1275	1399	1527
	3 I absorbée	(A)			3.96	4.53	5.11	5.68	6.25	6.82	7.38

1 = cooling capacity 2 = power input 3 = current 4 = condensing temperature 5 = evaporating temperature

Nota : Tecumseh se réserve le droit de modifier les informations contenues dans ce document sans préavis.

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

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Les performances sont données dans les conditions EN12900_MHP :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	0.0 K
The performance data are in EN12900_MHP conditions :	Return gas :	20.0 °C
Dew Condition	Subcooling :	0.0 K

50 Hz R513A											
											N°3303
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	1014	1342	1726	2176	2701	3311	4014	4818	5730
	2 P absorbée	(W)	601	678	748	817	887	963	1050	1151	1271
	3 I absorbée	(A)	2.46	2.78	3.09	3.41	3.72	4.04	4.35	4.66	4.97
40	1 P frigorifique	(Watt)	806	1114	1461	1859	2319	2848	3456	4150	4937
	2 P absorbée	(W)	589	694	788	875	960	1047	1140	1244	1361
	3 I absorbée	(A)	2.37	2.78	3.19	3.61	4.01	4.42	4.83	5.23	5.64
50	1 P frigorifique	(Watt)		870	1188	1542	1942	2396	2915	3505	4173
	2 P absorbée	(W)		678	805	920	1030	1136	1245	1360	1484
	3 I absorbée	(A)		2.72	3.23	3.73	4.24	4.74	5.24	5.74	6.24
60	1 P frigorifique	(Watt)			900	1217	1563	1950	2385	2877	3431
	2 P absorbée	(W)			789	942	1084	1220	1353	1488	1629
	3 I absorbée	(A)			3.19	3.79	4.39	4.99	5.58	6.18	6.77

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