



Compressor
Voltage Code : FZ

CAJ4519X

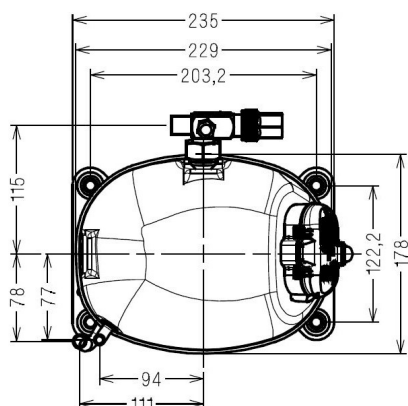
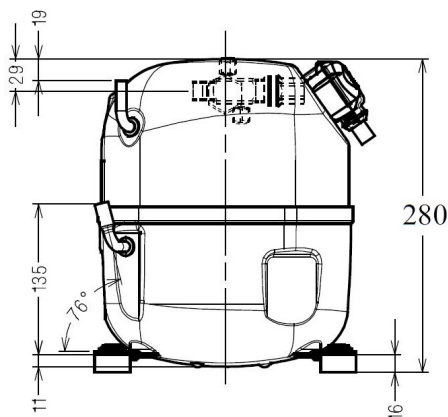
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R134a / R513A / R452A / R404A / R449A

AJ4519X-FZ3C

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN12900 / R134a	50 Hz	2742	9351	68 dBA
EN12900 / R513A	50 Hz	2811	9586	68 dBA
EN12900 / R452A	50 Hz	4119	14045	68 dBA
EN12900 / R404A	50 Hz	4177	14243	68 dBA
EN12900 / R449A	50 Hz	4488	15305	68 dBA



* EN12900 : T°Cond. 50.0°C / T°Evap. 5.0°C / T°Return gas temp.. 20.0°C
T°Subcooling. 0.0K

Certificates :

Displacement (cc)	34.5
Net Weight (Kg)	22.2
Oil Quantity (cc)	475.0
Oil Type	Polyolester
Expansion Device	Capillary_Tube/Expansion_Valve
Cooling	Fan
Main Winding (Ohm)	1.3
Start Winding (Ohm)	5.9
Current	
RLA (A)	10.3
MCC (A)	16.4
LRA (A)	48
Electrical Equipment	CSR
Overload	MST00AEW
Time Check	2.8s - 5.2s / 45 A
Open Temp	135° C
Close Temp	61° C
Optional	T0770
Start Capacitor	100 µF / 250 V
Run Capacitor	25 µF / 400 V
Potential Relay	RVA6M**
Pick Up	239/268V
Drop Out	60/135V
Refrigerating connection for OD	
Suction Tube	15.9 (5/8")
Discharge Tube	9.5 (3/8")
Process Tube	6.35 (1/4")

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Les performances sont données dans les conditions EN12900 :	Gaz aspirés : 20.0 °C
Condition Dew	Sous refroidissement : 0.0 K
The performance data are in EN12900 conditions :	Return gas : 20.0 °C
Dew Condition	Subcooling : 0.0 K

50 Hz R134a											
											N°2469
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	762	1081	1457	1899	2414	3009	3690	4463	5334
	2 P absorbée	(W)	566	638	706	770	828	880	924	960	986
	3 I absorbée	(A)	3.81	4.05	4.28	4.50	4.71	4.91	5.10	5.28	5.45
40	1 P frigorifique	(Watt)	593	891	1234	1633	2093	2622	3226	3910	4680
	2 P absorbée	(W)	571	658	744	826	906	981	1050	1114	1169
	3 I absorbée	(A)	3.76	4.10	4.43	4.75	5.06	5.36	5.65	5.93	6.20
50	1 P frigorifique	(Watt)		703	1010	1360	1761	2220	2742	3334	4000
	2 P absorbée	(W)		663	765	866	965	1062	1156	1245	1330
	3 I absorbée	(A)		4.07	4.49	4.91	5.32	5.72	6.11	6.49	6.86
60	1 P frigorifique	(Watt)			800	1097	1434	1818	2255	2752	3310
	2 P absorbée	(W)			773	891	1009	1128	1245	1359	1471
	3 I absorbée	(A)			4.48	4.99	5.50	6.00	6.49	6.96	7.43

50 Hz R513A											
											N°2363
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	826	1157	1546	2004	2541	3169	3896	4730	5680
	2 P absorbée	(W)	625	699	769	834	894	947	993	1030	1060
	3 I absorbée	(A)	4.21	4.44	4.67	4.90	5.13	5.35	5.57	5.77	5.96
40	1 P frigorifique	(Watt)	629	933	1282	1689	2164	2717	3356	4092	4930
	2 P absorbée	(W)	617	709	799	886	968	1047	1120	1188	1249
	3 I absorbée	(A)	4.10	4.43	4.75	5.08	5.40	5.71	6.02	6.31	6.58
50	1 P frigorifique	(Watt)		717	1024	1376	1785	2261	2811	3445	4168
	2 P absorbée	(W)		703	811	919	1025	1128	1228	1325	1417
	3 I absorbée	(A)		4.34	4.79	5.23	5.66	6.09	6.50	6.90	7.28
60	1 P frigorifique	(Watt)			781	1077	1417	1812	2270	2800	3406
	2 P absorbée	(W)			811	939	1067	1194	1321	1446	1569
	3 I absorbée	(A)			4.66	5.24	5.81	6.36	6.90	7.43	7.93

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

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Les performances sont données dans les conditions EN12900 :	Gaz aspirés : 20.0 °C
Condition Dew	Sous refroidissement : 0.0 K
The performance data are in EN12900 conditions :	Return gas : 20.0 °C
Dew Condition	Subcooling : 0.0 K

50 Hz R452A											
											N°2367
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	1748	2247	2819	3473	4218	5061	6008	7065	8236
	2 P absorbée	(W)	947	1049	1147	1241	1329	1410	1483	1547	1599
	3 I absorbée	(A)	5.28	5.71	6.11	6.50	6.85	7.19	7.49	7.78	8.04
40	1 P frigorifique	(Watt)		1872	2384	2954	3592	4305	5099	5980	6951
	2 P absorbée	(W)		1115	1240	1363	1483	1599	1709	1812	1908
	3 I absorbée	(A)		5.88	6.47	7.03	7.57	8.08	8.58	9.04	9.49
50	1 P frigorifique	(Watt)			1911	2388	2910	3485	4119	4817	5581
	2 P absorbée	(W)			1310	1463	1617	1768	1916	2061	2200
	3 I absorbée	(A)			6.74	7.49	8.21	8.91	9.58	10.2	10.9
60	1 P frigorifique	(Watt)				1794	2190	2616	3081	3587	4138
	2 P absorbée	(W)				1546	1734	1922	2110	2296	2480
	3 I absorbée	(A)				7.87	8.78	9.66	10.5	11.3	12.2

50 Hz R404A											
											N°2315
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	1669	2186	2778	3457	4237	5130	6149	7307	8616
	2 P absorbée	(W)	1000	1116	1223	1319	1405	1479	1541	1590	1626
	3 I absorbée	(A)	5.48	5.93	6.37	6.78	7.16	7.52	7.86	8.17	8.46
40	1 P frigorifique	(Watt)	1295	1774	2304	2899	3571	4334	5199	6181	7291
	2 P absorbée	(W)	1038	1176	1310	1439	1562	1679	1789	1891	1985
	3 I absorbée	(A)	5.55	6.18	6.78	7.36	7.91	8.44	8.94	9.42	9.87
50	1 P frigorifique	(Watt)		1345	1802	2301	2855	3476	4177	4971	5871
	2 P absorbée	(W)		1232	1386	1540	1693	1845	1996	2144	2289
	3 I absorbée	(A)		6.35	7.11	7.86	8.58	9.27	9.94	10.6	11.2
60	1 P frigorifique	(Watt)			1303	1695	2119	2587	3112	3708	4387
	2 P absorbée	(W)			1481	1653	1830	2010	2194	2381	2569
	3 I absorbée	(A)			7.37	8.28	9.17	10.0	10.9	11.7	12.5

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Les performances sont données dans les conditions EN12900 :	Gaz aspirés : 20.0 °C
Condition Dew	Sous refroidissement : 0.0 K
The performance data are in EN12900 conditions :	Return gas : 20.0 °C
Dew Condition	Subcooling : 0.0 K

50 Hz R449A (*)											
N°2615											
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	1334	1858	2468	3187	4034	5028	6186	7523	9053
	2 P absorbée	(W)	946	1022	1108	1202	1301	1401	1501	1596	1684
	3 I absorbée	(A)	4.45	4.76	5.11	5.51	5.93	6.35	6.75	7.11	7.43
40	1 P frigorifique	(Watt)		1537	2081	2715	3458	4329	5344	6518	7864
	2 P absorbée	(W)		1114	1208	1314	1428	1547	1668	1789	1907
	3 I absorbée	(A)		5.03	5.46	5.95	6.48	7.05	7.63	8.19	8.74
50	1 P frigorifique	(Watt)			1681	2229	2868	3616	4488	5499	6660
	2 P absorbée	(W)			1305	1425	1556	1697	1843	1993	2143
	3 I absorbée	(A)			5.83	6.39	7.01	7.69	8.41	9.15	9.88
60	1 P frigorifique	(Watt)				1743	2277	2901	3630	4477	5451
	2 P absorbée	(W)				1529	1681	1846	2020	2201	2386
	3 I absorbée	(A)				6.88	7.56	8.32	9.15	10.0	10.9

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(*) Veuillez vous référer strictement aux Recommandations d'Utilisation et Bulletins Marketing Tecumseh du fait de la température de refoulement élevée pour les applications LBP.

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

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