



Compressor
Voltage Code : FZ

CAJ4519Z-FZ

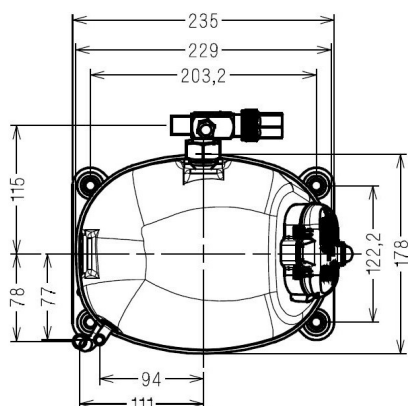
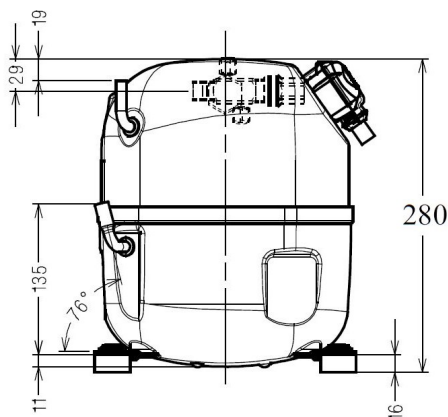
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

AJ4519Z-FZ3C

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
CECOMAF / R452A	50 Hz	4149	14147	68 dBA
CECOMAF / R404A	50 Hz	4150	14151	68 dBA
CECOMAF / R448A	50 Hz	4133	14095	68 dBA
CECOMAF / R449A	50 Hz	4138	14111	68 dBA



* CECOMAF : T°Cond. 55.0°C / T°Evap. 5.0°C / T°Return gas temp.. 32.0°C
T°Subcooling. 0.0K

Certificates :



Displacement (cc)	34,5
Net Weight (Kg)	22.3
Oil Quantity (cc)	475.0
Oil Type	Polyolester
Expansion Device	Capillary_Tube/Expansion_Valve
Cooling	Fan
Main Winding (Ohm)	1.3
Start Winding (Ohm)	6.1
Current	
RLA (A)	9.9
MCC (A)	15.2
LRA (A)	45
Electrical Equipment	CSR
Overload	GA3SHU00
Time Check	7.5s - 14s / 34 A
Open Temp	140° C
Close Temp	61° C
Start Capacitor	100 µF / 250 V
Run Capacitor	35 µF / 400 V
Potential Relay	RVA4G**
Pick Up	180/195V
Drop Out	40/105V
Optional	3ARR3*6AS*
Refrigerating connection for	
Suction Tube	15.9 (5/8")
Discharge Tube	9.5 (3/8")
Process Tube	6.35 (1/4")

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

CAJ4519Z-FZ	Tension FZ : 220 - 240V 1~ 50 Hz
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Les performances sont données dans les conditions CECOMAF :	Gaz aspirés :	32.0 °C
Condition Dew	Sous refroidissement :	0.0 K
The performance data are in CECOMAF conditions :	Return gas :	32.0 °C
Dew Condition	Subcooling :	0.0 K

50 Hz R452A											
											N°2288
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)		2255	2890	3628	4483	5471	6605	7901	9374
	2 P absorbée	(W)		1156	1256	1357	1458	1560	1666	1777	1893
	3 I absorbée	(A)		5.38	5.80	6.22	6.64	7.07	7.49	7.92	8.35
40	1 P frigorifique	(Watt)			2417	3073	3824	4686	5673	6801	8086
	2 P absorbée	(W)			1345	1468	1589	1710	1831	1955	2082
	3 I absorbée	(A)			6.07	6.64	7.22	7.79	8.37	8.95	9.54
50	1 P frigorifique	(Watt)				2477	3115	3841	4670	5620	6708
	2 P absorbée	(W)				1561	1715	1866	2015	2164	2313
	3 I absorbée	(A)				7.00	7.73	8.46	9.19	9.93	10.7
60	1 P frigorifique	(Watt)					2376	2955	3618	4380	5261
	2 P absorbée	(W)					1814	2007	2196	2382	2567
	3 I absorbée	(A)					8.16	9.05	9.94	10.8	11.7

50 Hz R404A											
											N°224ST-FZ
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	1829	2386	3030	3774	4632	5618	6747	8033	9490
	2 P absorbée	(W)	1116	1219	1321	1422	1522	1624	1728	1835	1947
	3 I absorbée	(A)	5.25	5.67	6.10	6.52	6.94	7.35	7.77	8.18	8.59
40	1 P frigorifique	(Watt)		1949	2528	3185	3931	4783	5755	6862	8120
	2 P absorbée	(W)		1291	1418	1540	1661	1779	1898	2017	2138
	3 I absorbée	(A)		5.83	6.40	6.97	7.54	8.11	8.68	9.24	9.80
50	1 P frigorifique	(Watt)			1998	2558	3184	3891	4696	5615	6664
	2 P absorbée	(W)			1486	1643	1795	1942	2087	2230	2372
	3 I absorbée	(A)			6.64	7.37	8.09	8.80	9.52	10.2	10.9
60	1 P frigorifique	(Watt)				1917	2413	2967	3596	4317	5149
	2 P absorbée	(W)				1709	1904	2092	2275	2454	2629
	3 I absorbée	(A)				7.69	8.56	9.43	10.3	11.2	12.0

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.

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CAJ4519Z-FZ	Tension FZ : 220 - 240V 1~ 50 Hz
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Les performances sont données dans les conditions CECOMAF :	Gaz aspirés : 32.0 °C
Condition Dew	Sous refroidissement : 0.0 K
The performance data are in CECOMAF conditions :	Return gas : 32.0 °C
Dew Condition	Subcooling : 0.0 K

50 Hz R448A (*)											
											N°2890
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	1486	2010	2624	3341	4179	5152	6276	7568	9042
	2 P absorbée	(W)	982	1076	1171	1267	1365	1466	1568	1673	1781
	3 I absorbée	(A)	4.62	5.00	5.40	5.81	6.22	6.64	7.05	7.46	7.86
40	1 P frigorifique	(Watt)		1646	2206	2850	3596	4457	5451	6594	7901
	2 P absorbée	(W)		1144	1261	1378	1495	1611	1727	1844	1962
	3 I absorbée	(A)		5.16	5.70	6.24	6.79	7.34	7.90	8.45	8.99
50	1 P frigorifique	(Watt)			1768	2333	2979	3722	4579	5566	6700
	2 P absorbée	(W)			1325	1477	1626	1774	1919	2062	2204
	3 I absorbée	(A)			5.92	6.62	7.33	8.04	8.75	9.46	10.2
60	1 P frigorifique	(Watt)				1817	2357	2974	3687	4511	5466
	2 P absorbée	(W)				1536	1733	1926	2115	2299	2480
	3 I absorbée	(A)				6.91	7.79	8.68	9.57	10.5	11.3

50 Hz R449A (*)											
											N°2284
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	1487	2012	2626	3344	4182	5156	6281	7573	9047
	2 P absorbée	(W)	982	1076	1171	1267	1365	1466	1568	1673	1781
	3 I absorbée	(A)	4.62	5.00	5.40	5.81	6.22	6.64	7.05	7.46	7.86
40	1 P frigorifique	(Watt)		1648	2208	2853	3599	4461	5456	6599	7907
	2 P absorbée	(W)		1144	1261	1378	1495	1611	1727	1844	1962
	3 I absorbée	(A)		5.16	5.70	6.24	6.79	7.34	7.90	8.45	8.99
50	1 P frigorifique	(Watt)			1770	2335	2982	3726	4583	5571	6706
	2 P absorbée	(W)			1325	1477	1626	1774	1919	2062	2204
	3 I absorbée	(A)			5.92	6.62	7.33	8.04	8.75	9.46	10.2
60	1 P frigorifique	(Watt)				1819	2360	2978	3691	4517	5472
	2 P absorbée	(W)				1536	1733	1926	2115	2299	2480
	3 I absorbée	(A)				6.91	7.79	8.68	9.57	10.5	11.3

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