



Compressor
Voltage Code : HZ

CAJ4519Z-HZ

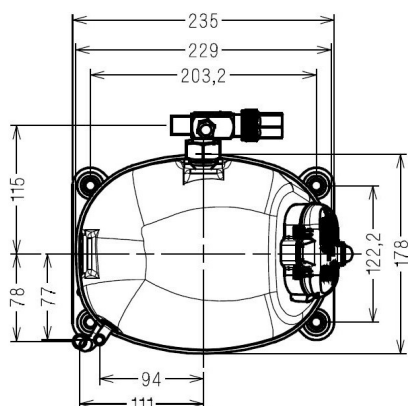
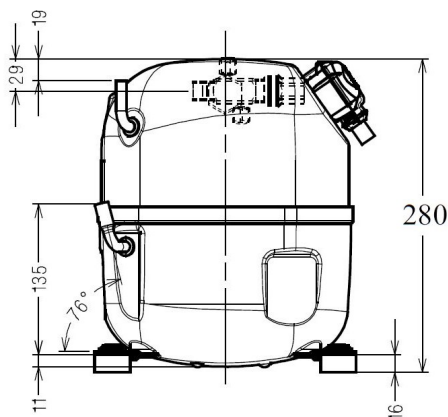
High Temp. Commercial (HP)

208 - 220V 1~ 60 Hz

R452A / R404A / R448A / R449A

AJ4519Z-HZ3C

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
CECOMAF / R452A	60 Hz	5176	17651	72 dBA
CECOMAF / R404A	60 Hz	5182	17670	70 dBA
CECOMAF / R448A	60 Hz	5156	17581	72 dBA
CECOMAF / R449A	60 Hz	5162	17601	72 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)	21.8
Oil Quantity (cc)	475.0
Oil Type	Polyolester
Expansion Device	Capillary_Tube/Expansion_Valve
Cooling	Fan
Main Winding (Ohm)	0.8
Start Winding (Ohm)	4.1
Current	
RLA (A)	12.3
MCC (A)	17
LRA (A)	60
Electrical Equipment	CSR
Overload	CRA38005
Time Check	2.8s - 5.2s / 51 A
Open Temp	130° C
Close Temp	61° C
Start Capacitor	100 µF / 330 V
Run Capacitor	35 µF / 400 V
Potential Relay	RVA3AG**
Pick Up	180/195V
Drop Out	40/105V
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-HZ	Tension HZ : 208 - 220V 1~ 60 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

60 Hz R452A											
											N°2675
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)		2825	3670	4641	5731	6930	8232	9626	11106
	2 P absorbée	(W)		1495	1586	1676	1763	1850	1935	2019	2103
	3 I absorbée	(A)		7.02	7.56	8.11	8.66	9.21	9.78	10.3	10.9
40	1 P frigorifique	(Watt)			3087	3927	4870	5907	7031	8234	9509
	2 P absorbée	(W)			1609	1757	1898	2033	2162	2284	2401
	3 I absorbée	(A)			7.71	8.50	9.26	10.0	10.7	11.4	12.1
50	1 P frigorifique	(Watt)				3190	3985	4858	5804	6814	7881
	2 P absorbée	(W)				1839	2035	2219	2392	2553	2703
	3 I absorbée	(A)				8.88	9.85	10.8	11.7	12.5	13.4
60	1 P frigorifique	(Watt)					3064	3773	4538	5355	6215
	2 P absorbée	(W)					2168	2402	2620	2821	3006
	3 I absorbée	(A)					10.4	11.6	12.6	13.6	14.6

60 Hz R404A											
											N°224ST-HZ
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	2260	2988	3846	4824	5915	7111	8404	9788	11253
	2 P absorbée	(W)	1485	1577	1668	1756	1842	1925	2006	2086	2163
	3 I absorbée	(A)	6.86	7.40	7.95	8.50	9.04	9.59	10.1	10.7	11.2
40	1 P frigorifique	(Watt)		2495	3225	4062	4997	6023	7130	8310	9555
	2 P absorbée	(W)		1541	1696	1844	1984	2116	2240	2357	2465
	3 I absorbée	(A)		7.33	8.13	8.92	9.67	10.4	11.1	11.8	12.5
50	1 P frigorifique	(Watt)			2591	3286	4065	4919	5838	6815	7837
	2 P absorbée	(W)			1729	1936	2129	2310	2477	2631	2772
	3 I absorbée	(A)			8.32	9.34	10.3	11.2	12.1	12.9	13.7
60	1 P frigorifique	(Watt)				2489	3107	3785	4513	5280	6075
	2 P absorbée	(W)				2029	2276	2505	2715	2906	3079
	3 I absorbée	(A)				9.77	10.9	12.1	13.1	14.0	14.9

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 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

60 Hz R448A (*)											
N°2947											
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	1841	2517	3331	4275	5343	6527	7822	9219	10712
	2 P absorbée	(W)	1306	1391	1478	1565	1652	1738	1821	1902	1978
	3 I absorbée	(A)	6.03	6.53	7.04	7.57	8.11	8.66	9.20	9.74	10.3
40	1 P frigorifique	(Watt)		2106	2816	3643	4580	5620	6756	7982	9291
	2 P absorbée	(W)		1364	1509	1650	1786	1916	2039	2155	2262
	3 I absorbée	(A)		6.49	7.24	7.98	8.71	9.42	10.1	10.8	11.4
50	1 P frigorifique	(Watt)			2293	3005	3812	4709	5689	6746	7873
	2 P absorbée	(W)			1541	1740	1930	2109	2277	2433	2576
	3 I absorbée	(A)			7.42	8.40	9.35	10.3	11.1	12.0	12.7
60	1 P frigorifique	(Watt)				2360	3041	3797	4623	5512	6460
	2 P absorbée	(W)				1823	2072	2305	2522	2723	2906
	3 I absorbée	(A)				8.78	9.96	11.1	12.2	13.2	14.1

60 Hz R449A (*)											
N°2689											
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	1843	2519	3333	4278	5346	6532	7827	9225	10719
	2 P absorbée	(W)	1306	1391	1478	1565	1652	1738	1821	1902	1978
	3 I absorbée	(A)	6.03	6.53	7.04	7.57	8.11	8.66	9.20	9.74	10.3
40	1 P frigorifique	(Watt)		2108	2819	3647	4584	5625	6762	7988	9298
	2 P absorbée	(W)		1364	1509	1650	1786	1916	2039	2155	2262
	3 I absorbée	(A)		6.49	7.24	7.98	8.71	9.42	10.1	10.8	11.4
50	1 P frigorifique	(Watt)			2296	3008	3816	4714	5695	6752	7880
	2 P absorbée	(W)			1541	1740	1930	2109	2277	2433	2576
	3 I absorbée	(A)			7.42	8.40	9.35	10.3	11.1	12.0	12.7
60	1 P frigorifique	(Watt)				2363	3045	3802	4628	5519	6467
	2 P absorbée	(W)				1823	2072	2305	2522	2723	2906
	3 I absorbée	(A)				8.78	9.96	11.1	12.2	13.2	14.1

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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