

Condensing unit
Voltage Code : GZ

CAJ9513ZMHR-GZ

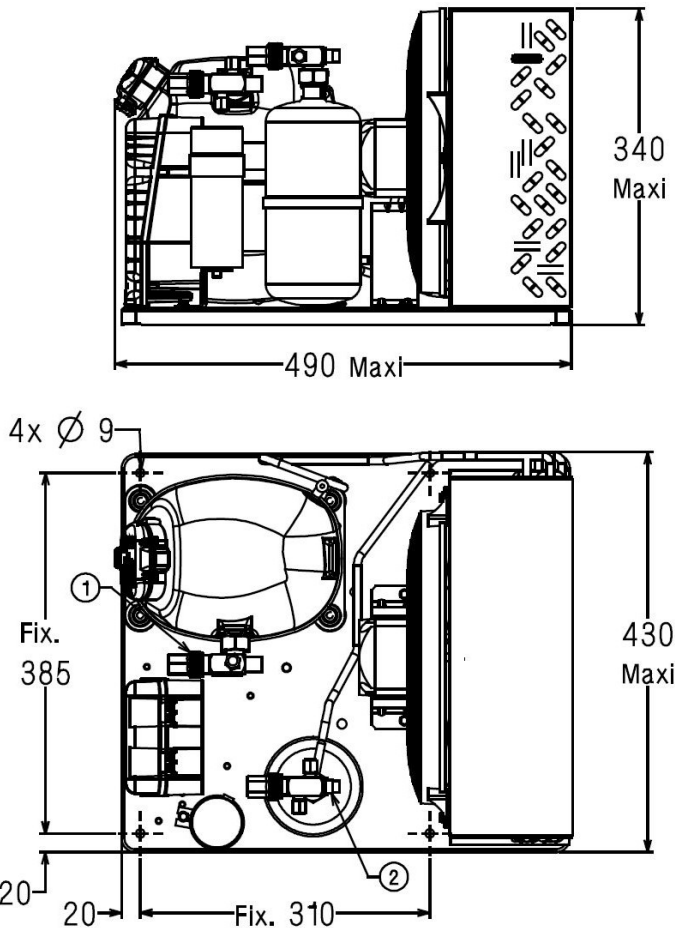
High Temp. Commercial (MHP)

208 - 220V 1~ 50 Hz

R452A / R404A / R448A / R449A

CAJ9513ZMHR-GZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	1865	6359	69 dBA
EN13215 / R404A	50 Hz	1881	6413	69 dBA
EN13215 / R448A	50 Hz	1768	6029	69 dBA
EN13215 / R449A	50 Hz	1766	6023	69 dBA



* EN13215 : T°Ambient 32.0°C / T°Evap. -10.0°C / T°Return gas temp.. 20.0°C
T°Subcooling. 3.0K

Net Weight (Kg)	37.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	1130
Compo Data Sheet	224JT-GZ
Elec Comp Type	CSR
Current (Amp)	
Load Rated Amp	7.7
Max Cont Current	12.4
Lock Rotor Amp	37
Fan	
Speed (rpm)	1200
Power (W)	25.0
Diameter (mm)	300
Protection	Overload
IP Level	IP42
Condenser	300/4600
Liquid Receiver	
Capacity (L)	1.5
Maximum Pressure (Bars)	32.0
Suction Line	
Suction Type	Vanne Orientable
For Tubing Out Diam	15.9 (5/8")
Suction Connection Type	Brased
Suction Line	
Liquid Line Type	Vanne Orientable
For Tubing Out Diam	9.5 (3/8")
Liquid Connecton Type	Brased
Heat recovery pipes	
Component/ Type of connexion	NA
For tube Outside diameter :	NA

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

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CAJ9513ZMHR-GZ	Tension GZ : 208 - 220V 1~ 50 Hz
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Les performances sont données dans les conditions EN13215 :	Gaz aspirés :	20.0 °C
Condition Mid	Sous refroidissement :	3.0 K
The performance data are in EN13215 conditions :	Return gas :	20.0 °C
Mid Condition	Subcooling :	3.0 K

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50 Hz R452A

N°6331

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1120	1423	1762	2132	2527	2939	3359	3779	4189
	2 P absorbée	(W)	757	856	958	1064	1178	1300	1431	1575	1733
	3 I absorbée	(A)	4.39	4.80	5.25	5.73	6.24	6.80	7.41	8.08	8.80
	4 Tc	(°C)	30.0	32.2	34.6	37.1	39.8	42.6	45.6	48.7	52.0
32	1 P frigorifique	(Watt)	952	1232	1538	1865	2207	2558	2909	3254	3587
	2 P absorbée	(W)	757	867	981	1101	1227	1362	1508	1666	1838
	3 I absorbée	(A)	4.35	4.84	5.34	5.88	6.46	7.08	7.74	8.46	9.23
	4 Tc	(°C)	36.2	38.4	40.7	43.2	45.8	48.6	51.5	54.7	58.0
43	1 P frigorifique	(Watt)		921	1177	1440	1703	1963			
	2 P absorbée	(W)		858	995	1137	1286	1445			
	3 I absorbée	(A)		4.81	5.42	6.05	6.72	7.43			
	4 Tc	(°C)		48.2	50.5	52.9	55.5	58.2			

50 Hz R404A

N°5257

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1152	1449	1782	2143	2526	2922	3322	3715	4092
	2 P absorbée	(W)	773	869	967	1069	1177	1291	1413	1546	1690
	3 I absorbée	(A)	4.53	4.92	5.34	5.79	6.27	6.79	7.36	7.97	8.63
	4 Tc	(°C)	32.8	35.0	37.3	39.8	42.4	45.1	48.0	51.0	54.1
32	1 P frigorifique	(Watt)	984	1261	1562	1881	2212	2547	2878	3195	3491
	2 P absorbée	(W)	780	887	998	1112	1232	1359	1495	1641	1799
	3 I absorbée	(A)	4.52	4.98	5.46	5.97	6.52	7.09	7.71	8.38	9.09
	4 Tc	(°C)	38.9	41.0	43.3	45.7	48.2	50.9	53.7	56.6	59.7
43	1 P frigorifique	(Watt)	706	952	1206	1462	1715	1960	2188		
	2 P absorbée	(W)	762	892	1024	1161	1304	1454	1613		
	3 I absorbée	(A)	4.43	5.00	5.59	6.20	6.83	7.51	8.21		
	4 Tc	(°C)	48.5	50.5	52.7	55.0	57.4	60.0	62.7		

1 = cooling capacity 2 = power input 3 = current 4 = condensing temperature 5 = ambient temperature 6 = evaporating temperature

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CAJ9513ZMHR-GZ	Tension GZ : 208 - 220V 1~ 50 Hz
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Les performances sont données dans les conditions EN13215 :	Gaz aspirés :	20.0 °C
Condition Mid	Sous refroidissement :	3.0 K
The performance data are in EN13215 conditions :	Return gas :	20.0 °C
Mid Condition	Subcooling :	3.0 K

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50 Hz R448A (*)

N°6992

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1003	1303	1639	2012	2417	2850	3307	3782	4267
	2 P absorbée	(W)	734	829	930	1038	1153	1279	1416	1566	1731
	3 I absorbée	(A)	4.21	4.63	5.08	5.56	6.10	6.68	7.31	8.00	8.76
	4 Tc	(°C)	30.3	32.6	35.0	37.5	40.2	43.0	46.0	49.2	52.5
32	1 P frigorifique	(Watt)		1127	1434	1768	2127	2508	2906	3316	
	2 P absorbée	(W)		841	954	1075	1204	1345	1497	1664	
	3 I absorbée	(A)		4.67	5.18	5.73	6.32	6.96	7.66	8.42	
	4 Tc	(°C)		38.8	41.1	43.6	46.3	49.1	52.0	55.1	
43	1 P frigorifique	(Watt)				1388	1680				
	2 P absorbée	(W)				1112	1266				
	3 I absorbée	(A)				5.91	6.60				
	4 Tc	(°C)				53.4	55.9				

50 Hz R449A (*)

N°6264

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1002	1301	1637	2010	2415	2849	3306	3781	4267
	2 P absorbée	(W)	733	828	929	1037	1152	1278	1415	1565	1730
	3 I absorbée	(A)	4.21	4.62	5.07	5.56	6.09	6.67	7.30	8.00	8.75
	4 Tc	(°C)	30.3	32.6	35.0	37.5	40.2	43.0	46.0	49.2	52.4
32	1 P frigorifique	(Watt)		1125	1432	1766	2126	2507	2905	3315	
	2 P absorbée	(W)		840	953	1074	1203	1343	1496	1662	
	3 I absorbée	(A)		4.67	5.17	5.72	6.32	6.96	7.66	8.41	
	4 Tc	(°C)		38.8	41.1	43.6	46.3	49.0	52.0	55.1	
43	1 P frigorifique	(Watt)				1386	1678				
	2 P absorbée	(W)				1111	1265				
	3 I absorbée	(A)				5.90	6.60				
	4 Tc	(°C)				53.3	55.9				

1 = cooling capacity 2 = power input 3 = current 4 = condensing temperature 5 = ambient temperature 6 = evaporating temperature

(*) Veuillez vous référer strictement aux Recommandations d'Utilisation et Bulletins Marketing Tecumseh du fait de la température de reflux 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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