

Condensing unit
Voltage Code : FZ

CAJN9510ZMHR-FZ

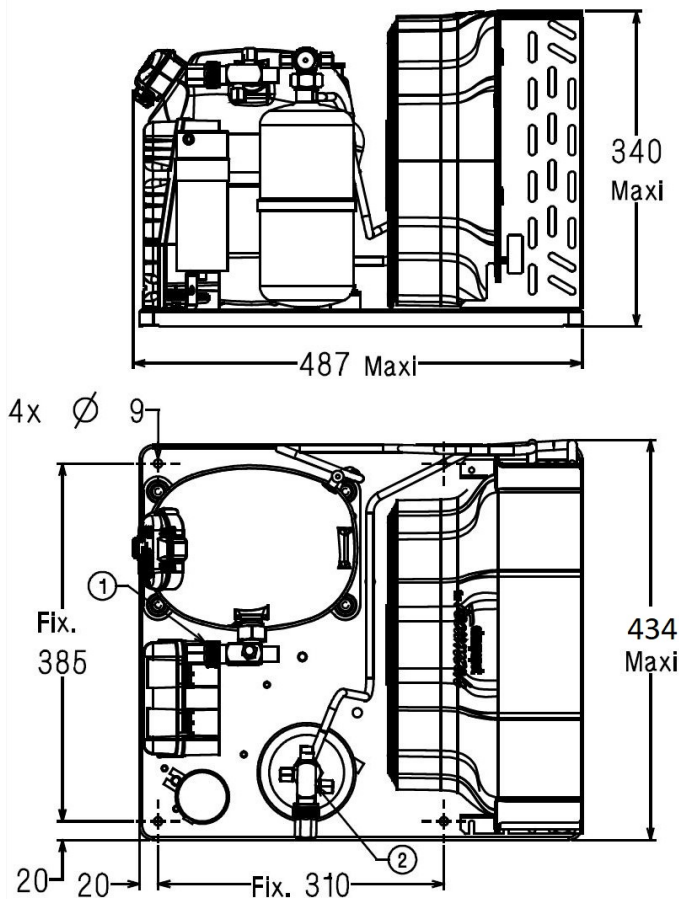
High Temp. Commercial (MHP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

CAJN9510ZMHR-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	1389	4737	65 dBA
EN13215 / R404A	50 Hz	1455	4962	65 dBA
EN13215 / R448A	50 Hz	1278	4359	65 dBA
EN13215 / R449A	50 Hz	1279	4361	65 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)	33.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	900
Compo Data Sheet	224ET-FZ
Elec Comp Type	CSR
Current (Amp)	
Load Rated Amp	5.6
Max Cont Current	8.6
Lock Rotor Amp	30
Fan	
Speed (rpm)	1200
Power (W)	22.0
Diameter (mm)	300
Protection	Overload
IP Level	IP54
Condenser	M300/3900
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
Liquid 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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CAJN9510ZMHR-FZ	Tension FZ : 220 - 240V 1~ 50 Hz
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Les performances sont données dans les conditions EN13215 :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	3.0 K
The performance data are in EN13215 conditions :	Return gas :	20.0 °C
Dew Condition	Subcooling :	3.0 K

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50 Hz R452A

N°6290

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	830	1046	1288	1554	1843	2150	2471	2802	3140
	2 P absorbée	(W)	582	655	731	812	898	990	1088	1194	1309
	3 I absorbée	(A)	2.86	3.18	3.52	3.88	4.28	4.71	5.17	5.68	6.23
	4 Tc	(°C)	31.5	33.7	36.0	38.4	40.9	43.6	46.3	49.2	52.2
32	1 P frigorifique	(Watt)	723	925	1148	1389	1647	1919	2201	2491	2787
	2 P absorbée	(W)	586	666	750	838	932	1032	1138	1253	1376
	3 I absorbée	(A)	2.85	3.21	3.59	3.99	4.43	4.89	5.40	5.94	6.52
	4 Tc	(°C)	37.4	39.5	41.7	44.0	46.4	48.9	51.5	54.3	57.1
43	1 P frigorifique	(Watt)		731	924	1126	1336	1554	1778		
	2 P absorbée	(W)		674	770	871	978	1092	1212		
	3 I absorbée	(A)		3.22	3.67	4.14	4.64	5.17	5.72		
	4 Tc	(°C)		48.7	50.7	52.8	55.0	57.4	59.8		

50 Hz R404A

N°5049

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	902	1120	1363	1629	1913	2211	2518	2829	3139
	2 P absorbée	(W)	616	689	767	847	933	1023	1118	1221	1330
	3 I absorbée	(A)	3.03	3.35	3.69	4.05	4.44	4.86	5.32	5.81	6.34
	4 Tc	(°C)	34.3	36.5	38.7	41.1	43.5	46.1	48.7	51.4	54.3
32	1 P frigorifique	(Watt)	789	993	1216	1455	1707	1969	2235	2503	2769
	2 P absorbée	(W)	624	704	788	877	969	1067	1171	1281	1398
	3 I absorbée	(A)	3.03	3.39	3.77	4.17	4.60	5.06	5.55	6.07	6.63
	4 Tc	(°C)	40.1	42.1	44.2	46.5	48.8	51.2	53.7	56.3	58.9
43	1 P frigorifique	(Watt)		790	982	1180	1383	1588	1793		
	2 P absorbée	(W)		719	815	916	1021	1132	1248		
	3 I absorbée	(A)		3.43	3.88	4.35	4.84	5.35	5.90		
	4 Tc	(°C)		51.0	52.9	54.9	57.0	59.2	61.4		

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

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Les performances sont données dans les conditions EN13215 :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	3.0 K
The performance data are in EN13215 conditions :	Return gas :	20.0 °C
Dew Condition	Subcooling :	3.0 K

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50 Hz R448A (*)

N°6980

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)		917	1155	1422	1716	2037	2383	2753	3143
	2 P absorbée	(W)		618	692	772	858	951	1052	1161	1279
	3 I absorbée	(A)		3.00	3.33	3.69	4.09	4.52	5.00	5.52	6.08
	4 Tc	(°C)		34.1	36.4	38.8	41.4	44.0	46.8	49.7	52.7
32	1 P frigorifique	(Watt)			1033	1278	1547	1838	2151	2486	
	2 P absorbée	(W)			711	799	893	995	1105	1223	
	3 I absorbée	(A)			3.40	3.81	4.25	4.72	5.24	5.79	
	4 Tc	(°C)			42.1	44.4	46.9	49.4	52.0	54.7	
43	1 P frigorifique	(Watt)				1054	1283				
	2 P absorbée	(W)				833	942				
	3 I absorbée	(A)				3.97	4.47				
	4 Tc	(°C)				53.3	55.5				

50 Hz R449A (*)

N°6222

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)		917	1156	1423	1717	2038	2384	2754	3145
	2 P absorbée	(W)		618	692	772	858	951	1052	1161	1279
	3 I absorbée	(A)		3.00	3.33	3.69	4.09	4.52	5.00	5.52	6.08
	4 Tc	(°C)		34.1	36.4	38.8	41.4	44.0	46.8	49.6	52.6
32	1 P frigorifique	(Watt)			1033	1279	1547	1839	2152	2487	
	2 P absorbée	(W)			711	799	893	995	1105	1223	
	3 I absorbée	(A)			3.40	3.81	4.25	4.72	5.24	5.79	
	4 Tc	(°C)			42.1	44.4	46.8	49.3	51.9	54.7	
43	1 P frigorifique	(Watt)				1054	1284				
	2 P absorbée	(W)				833	942				
	3 I absorbée	(A)				3.97	4.47				
	4 Tc	(°C)				53.3	55.4				

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(*) 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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