

Condensing unit

Voltage Code : FZ

CAJN4519ZHR-FZ

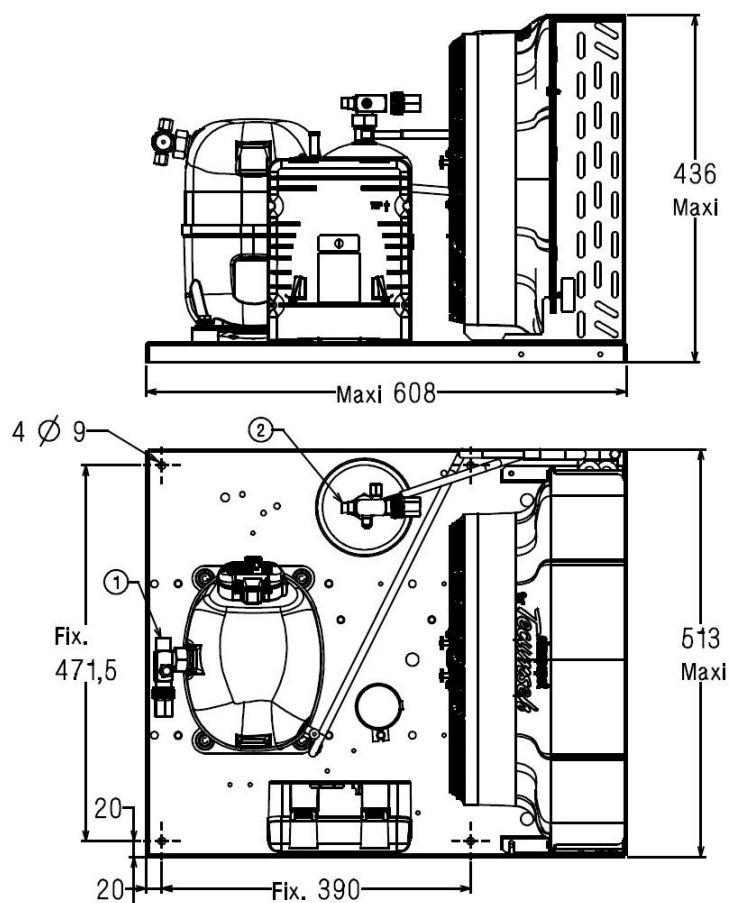
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

CAJN4519ZHR-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	4216	14376	72 dBA
EN13215 / R404A	50 Hz	4289	14627	72 dBA
EN13215 / R448A	50 Hz	4099	13976	71 dBA
EN13215 / R449A	50 Hz	4101	13984	71 dBA



* EN13215 : T°Ambient 32.0°C / T°Evap. 5.0°C / T°Return gas temp.. 20.0°C
T°Subcooling. 3.0K

Net Weight (Kg)	44.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	1700
Compo Data Sheet	224ST-FZ
Elec Comp Type	CSR
Current (Amp)	
Load Rated Amp	10.5
Max Cont Current	16
Lock Rotor Amp	46
Fan	
Speed (rpm)	1350
Power (W)	90.0
Diameter (mm)	350
Protection	Overload
IP Level	IP44
Condenser	350/8200
Liquid Receiver	
Capacity (L)	2.35
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 Connection Type	Brased
Connection Type	VR
Fan Guard	maille < à 8mm

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

CAJN4519ZHR-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

50 Hz R452A											
											N°5925
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1543	1975	2451	2966	3514	4088	4678	5279	5884
	2 P absorbée	(W)	1162	1289	1425	1572	1733	1908	2103	2318	2558
	3 I absorbée	(A)	5.55	6.06	6.64	7.30	8.04	8.86	9.78	10.8	11.9
	4 Tc	(°C)	29.6	31.9	34.3	36.8	39.4	42.1	44.9	47.9	50.9
32	1 P frigorifique	(Watt)		1735	2183	2660	3161	3682	4216	4759	5312
	2 P absorbée	(W)		1317	1464	1622	1792	1978	2182	2407	2656
	3 I absorbée	(A)		6.11	6.76	7.48	8.28	9.15	10.1	11.2	12.3
	4 Tc	(°C)		37.8	40.0	42.3	44.7	47.2	49.8	52.5	55.3
43	1 P frigorifique	(Watt)			1753	2168	2597	3036	3485	3947	
	2 P absorbée	(W)			1500	1681	1874	2080	2303	2545	
	3 I absorbée	(A)			6.91	7.73	8.62	9.57	10.6	11.7	
	4 Tc	(°C)			49.0	51.0	53.1	55.2	57.5	59.9	

50 Hz R404A											
											N°5045
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1678	2117	2596	3110	3651	4209	4774	5338	5894
	2 P absorbée	(W)	1225	1354	1491	1638	1798	1971	2161	2370	2600
	3 I absorbée	(A)	5.85	6.37	6.95	7.60	8.34	9.15	10.1	11.0	12.1
	4 Tc	(°C)	32.5	34.7	37.1	39.5	42.1	44.7	47.4	50.2	53.1
32	1 P frigorifique	(Watt)		1865	2315	2788	3280	3783	4289	4793	5292
	2 P absorbée	(W)		1388	1536	1693	1862	2045	2244	2461	2699
	3 I absorbée	(A)		6.44	7.09	7.81	8.60	9.46	10.4	11.4	12.5
	4 Tc	(°C)		40.5	42.6	44.8	47.1	49.5	52.0	54.6	57.2
43	1 P frigorifique	(Watt)			1864	2275	2691	3108	3525	3940	
	2 P absorbée	(W)			1585	1764	1953	2154	2371	2604	
	3 I absorbée	(A)			7.28	8.10	8.97	9.91	10.9	12.0	
	4 Tc	(°C)			51.3	53.2	55.1	57.2	59.3	61.5	

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

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CAJN4519ZHR-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

50 Hz R448A (*)											
											N°6943
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1307	1727	2194	2708	3265	3862	4497	5165	5862
	2 P absorbée	(W)	1100	1221	1352	1497	1657	1835	2032	2252	2498
	3 I absorbée	(A)	5.24	5.73	6.30	6.95	7.69	8.52	9.45	10.5	11.6
	4 Tc	(°C)	29.9	32.3	34.7	37.2	39.9	42.6	45.4	48.4	51.4
32	1 P frigorifique	(Watt)		1515	1958	2439	2957	3511	4099	4718	5367
	2 P absorbée	(W)		1248	1391	1548	1720	1909	2118	2349	2606
	3 I absorbée	(A)		5.80	6.43	7.14	7.94	8.83	9.81	10.9	12.1
	4 Tc	(°C)		38.2	40.4	42.7	45.2	47.7	50.3	53.0	55.8
43	1 P frigorifique	(Watt)				2017	2475	2961			
	2 P absorbée	(W)				1608	1804	2016			
	3 I absorbée	(A)				7.40	8.30	9.28			
	4 Tc	(°C)				51.5	53.5	55.7			

50 Hz R449A (*)											
											N°5620
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1308	1728	2196	2709	3267	3865	4500	5168	5866
	2 P absorbée	(W)	1100	1221	1352	1497	1657	1835	2032	2252	2498
	3 I absorbée	(A)	5.24	5.73	6.30	6.95	7.69	8.52	9.45	10.5	11.6
	4 Tc	(°C)	30.0	32.3	34.7	37.2	39.9	42.6	45.4	48.3	51.3
32	1 P frigorifique	(Watt)		1516	1959	2440	2959	3513	4101	4720	5370
	2 P absorbée	(W)		1248	1391	1548	1720	1909	2118	2349	2606
	3 I absorbée	(A)		5.80	6.43	7.14	7.94	8.83	9.81	10.9	12.1
	4 Tc	(°C)		38.2	40.4	42.7	45.1	47.6	50.2	52.9	55.7
43	1 P frigorifique	(Watt)				2018	2476	2962			
	2 P absorbée	(W)				1608	1804	2016			
	3 I absorbée	(A)				7.40	8.30	9.28			
	4 Tc	(°C)				51.4	53.5	55.6			

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 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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