

Condensing unit

Voltage Code : FZ

FHT2511ZBR-FZ

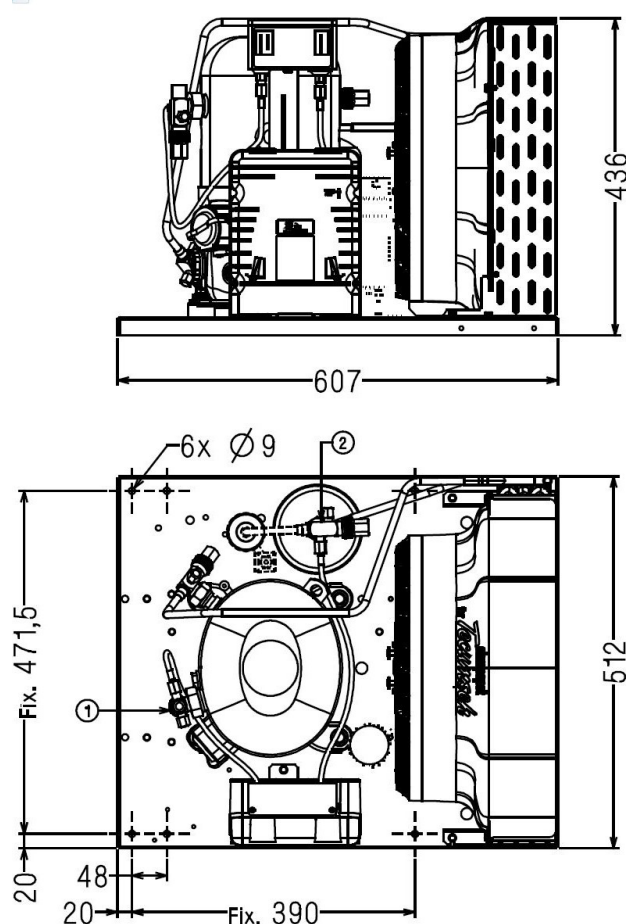
Low Temp. Commercial (BP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

FHT2511ZBR-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	1485	5063	76 dBA
EN13215 / R404A	50 Hz	1651	5630	76 dBA
EN13215 / R448A	50 Hz	1196	4077	76 dBA
EN13215 / R449A	50 Hz	1196	4079	76 dBA



* EN13215 : T°Ambient 32.0°C / T°Evap. -35.0°C / T°Return gas temp.. 20.0°C
T°Subcooling. 3.0K

Net Weight (Kg)	57.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	1750
Compo Data Sheet	126LT-F
Elec Comp Type	CSR
Current (Amp)	
Load Rated Amp	11.9
Max Cont Current	24.6
Lock Rotor Amp	82
Fan	
Speed (rpm)	1335
Power (W)	90.0
Diameter (mm)	350
Protection	Overload
IP Level	IP44
Condenser	M350/8200
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 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.

FHT2511ZBR-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°5964									
5 T ambience	6 T évaporation	(°C)	-40	-35	-30	-25	-20	-15	-10
25	1 P frigorifique	(Watt)	1267	1737	2266	2855	3506	4224	5022
	2 P absorbée	(W)	1324	1550	1801	2084	2407	2774	3188
	3 I absorbée	(A)	8.16	8.82	9.70	10.8	12.1	13.6	15.4
	4 Tc	(°C)	26.7	29.2	32.2	35.5	38.9	42.3	45.7
32	1 P frigorifique	(Watt)	1034	1485	1986	2539	3146	3812	4553
	2 P absorbée	(W)	1266	1514	1784	2085	2424	2807	3239
	3 I absorbée	(A)	8.00	8.74	9.67	10.8	12.2	13.7	15.5
	4 Tc	(°C)	32.7	35.0	37.7	40.7	44.0	47.4	50.7
43	1 P frigorifique	(Watt)	660	1079	1537	2033	2572	3162	3819
	2 P absorbée	(W)	1134	1420	1724	2055	2422	2832	3291
	3 I absorbée	(A)	7.58	8.45	9.49	10.7	12.1	13.7	15.5
	4 Tc	(°C)	42.3	44.1	46.4	49.1	52.2	55.4	58.6

50 Hz R404A									
N°5154									
5 T ambience	6 T évaporation	(°C)	-40	-35	-30	-25	-20	-15	-10
25	1 P frigorifique	(Watt)	1422	1923	2479	3086	3741	4445	5207
	2 P absorbée	(W)	1418	1665	1932	2227	2559	2933	3354
	3 I absorbée	(A)	8.72	9.46	10.4	11.5	12.9	14.4	16.2
	4 Tc	(°C)	29.6	32.1	35.0	38.2	41.5	44.9	48.1
32	1 P frigorifique	(Watt)	1170	1651	2178	2747	3355	4005	4705
	2 P absorbée	(W)	1370	1636	1921	2234	2583	2975	3416
	3 I absorbée	(A)	8.63	9.42	10.4	11.6	13.0	14.5	16.3
	4 Tc	(°C)	35.5	37.7	40.4	43.3	46.5	49.7	52.9
43	1 P frigorifique	(Watt)	766	1215	1695	2205	2743	3311	3921
	2 P absorbée	(W)	1252	1553	1870	2213	2592	3016	3489
	3 I absorbée	(A)	8.32	9.22	10.3	11.5	13.0	14.6	16.4
	4 Tc	(°C)	44.8	46.6	48.8	51.4	54.3	57.3	60.3

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

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FHT2511ZBR-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°6915							
5 T ambience	6 T évaporation	(°C)	-30	-25	-20	-15	-10
25	1 P frigorifique	(Watt)	1924	2510	3175	3930	4790
	2 P absorbée	(W)	1701	1983	2298	2654	3054
	3 I absorbée	(A)	9.18	10.3	11.6	13.0	14.7
	4 Tc	(°C)	32.6	35.8	39.3	42.8	46.2
32	1 P frigorifique	(Watt)	1681	2236	2868	3587	4407
	2 P absorbée	(W)	1690	1987	2320	2692	3110
	3 I absorbée	(A)	9.18	10.3	11.6	13.1	14.8
	4 Tc	(°C)	38.1	41.2	44.5	47.8	51.2
43	1 P frigorifique	(Watt)	1306	1819	2403	3070	
	2 P absorbée	(W)	1637	1965	2326	2728	
	3 I absorbée	(A)	9.05	10.3	11.6	13.2	
	4 Tc	(°C)	46.9	49.6	52.7	55.8	

50 Hz R449A (*)							
N°5490							
5 T ambience	6 T évaporation	(°C)	-30	-25	-20	-15	-10
25	1 P frigorifique	(Watt)	1925	2511	3176	3932	4793
	2 P absorbée	(W)	1701	1983	2298	2654	3054
	3 I absorbée	(A)	9.18	10.3	11.6	13.0	14.7
	4 Tc	(°C)	32.6	35.9	39.3	42.8	46.2
32	1 P frigorifique	(Watt)	1682	2237	2870	3589	4410
	2 P absorbée	(W)	1690	1987	2320	2692	3110
	3 I absorbée	(A)	9.18	10.3	11.6	13.1	14.8
	4 Tc	(°C)	38.1	41.2	44.5	47.8	51.1
43	1 P frigorifique	(Watt)	1307	1819	2404	3071	
	2 P absorbée	(W)	1637	1965	2326	2728	
	3 I absorbée	(A)	9.05	10.3	11.6	13.2	
	4 Tc	(°C)	46.9	49.6	52.6	55.8	

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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