



Condensing unit
Voltage Code : XC

FHT4524ZHR-XC

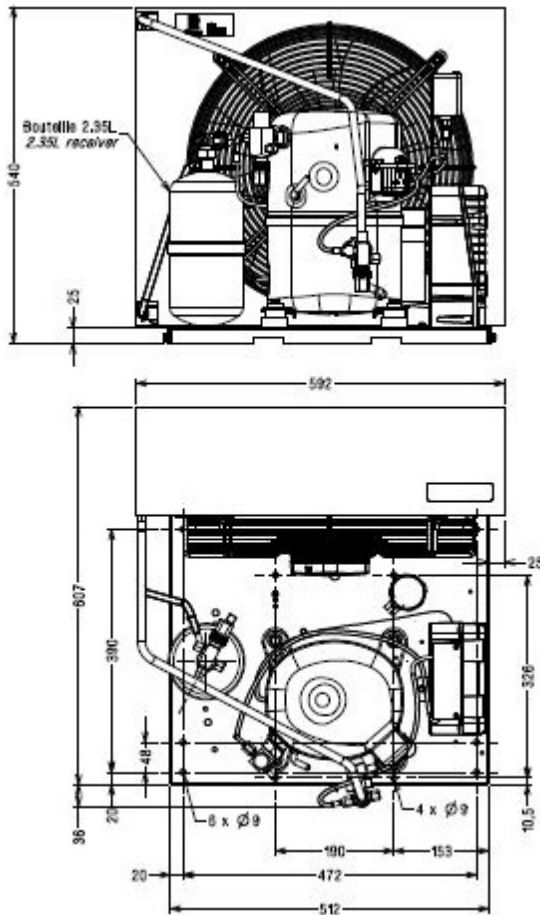
High Temp. Commercial HTA (HP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

FHT4524ZHR-XC

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	3060	10434	80 dBA
EN13215 / R404A	50 Hz	3401	11598	80 dBA
EN13215 / R448A	50 Hz	2982	10170	80 dBA
EN13215 / R449A	50 Hz	2978	10154	80 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)	55.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	3900
Elec Comp Type	CSR
Current (Amp)	
Load Rated Amp	11.6
Max Cont Current	17.2
Lock Rotor Amp	53
Fan	
Speed (rpm)	1360
Power (W)	280.0
Diameter (mm)	420
Protection	Overload
IP Level	IP54
Condenser	M420/15500
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 Connecton Type	Brased
Heat recovery pipes	
Component/ Type of connexion	NA
For tube Outside diameter :	NA
Fan Guard	maille < à 8mm

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



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FHT4524ZHR-XC	Tension XC : 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°User-166
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
32	1 P frigorifique	(Watt)		1874	2445	3060	3714	4401	5109	5830	6555
	2 P absorbée	(W)		1391	1571	1754	1939	2130	2328	2537	2759
	3 I absorbée	(A)		6.85	7.63	8.46	9.32	10.2	11.2	12.2	13.2
	4 Tc	(°C)		37.5	39.5	41.7	44.1	46.6	49.2	52.1	55.1
38	1 P frigorifique	(Watt)			2118	2687	3289	3923	4584	5269	5982
	2 P absorbée	(W)			1579	1781	1985	2193	2405	2626	2855
	3 I absorbée	(A)			7.70	8.60	9.54	10.5	11.5	12.6	13.7
	4 Tc	(°C)			44.6	46.7	48.9	51.1	53.5	56.0	58.6
46	1 P frigorifique	(Watt)				2206	2740	3305	3905		
	2 P absorbée	(W)				1793	2025	2259	2494		
	3 I absorbée	(A)				8.66	9.71	10.8	11.9		
	4 Tc	(°C)				53.4	55.3	57.3	59.3		

50 Hz R404A											
											N°User-165
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
32	1 P frigorifique	(Watt)	1643	2176	2764	3401	4078	4783	5501	6217	6913
	2 P absorbée	(W)	1297	1468	1638	1809	1981	2157	2339	2529	2733
	3 I absorbée	(A)	6.47	7.18	7.93	8.71	9.51	10.3	11.2	12.1	13.1
	4 Tc	(°C)	36.2	38.1	40.0	42.1	44.4	46.8	49.3	52.1	55.0
38	1 P frigorifique	(Watt)		1866	2410	2993	3611	4256	4920	5594	6270
	2 P absorbée	(W)		1470	1659	1849	2039	2231	2427	2628	2838
	3 I absorbée	(A)		7.25	8.06	8.91	9.79	10.7	11.6	12.6	13.6
	4 Tc	(°C)		43.2	45.1	47.1	49.1	51.3	53.5	55.9	58.5
46	1 P frigorifique	(Watt)			1948	2461	3001	3567	4159	4778	
	2 P absorbée	(W)			1665	1882	2098	2315	2532	2751	
	3 I absorbée	(A)			8.13	9.08	10.1	11.1	12.1	13.1	
	4 Tc	(°C)			51.9	53.7	55.5	57.4	59.2	61.2	

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

Nota : Tecumseh se réserve le droit de modifier les informations contenues dans ce document sans préavis.

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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°User-168

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
32	1 P frigorifique	(Watt)		1756	2334	2982	3703	4496	5362	6297	7300
	2 P absorbée	(W)		1327	1490	1656	1825	1999	2177	2362	2555
	3 I absorbée	(A)		6.53	7.24	8.00	8.79	9.61	10.5	11.3	12.2
	4 Tc	(°C)		35.6	37.5	39.4	41.5	43.7	46.1	48.5	51.1
38	1 P frigorifique	(Watt)			2037	2638	3305	4041	4848	5728	6683
	2 P absorbée	(W)			1506	1692	1881	2075	2273	2475	2684
	3 I absorbée	(A)			7.35	8.18	9.05	9.96	10.9	11.9	12.8
	4 Tc	(°C)			42.7	44.6	46.6	48.6	50.7	53.0	55.3
46	1 P frigorifique	(Watt)				2193	2790	3450	4180		
	2 P absorbée	(W)				1719	1938	2161	2387		
	3 I absorbée	(A)				8.31	9.30	10.3	11.4		
	4 Tc	(°C)				51.6	53.4	55.2	57.1		

50 Hz R449A (*)

N°User-167

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
32	1 P frigorifique	(Watt)		1748	2329	2978	3695	4477	5321	6218	7162
	2 P absorbée	(W)		1327	1491	1657	1827	2003	2187	2382	2591
	3 I absorbée	(A)		6.53	7.24	8.00	8.79	9.62	10.5	11.4	12.4
	4 Tc	(°C)		35.8	37.6	39.5	41.6	43.9	46.4	49.0	51.9
38	1 P frigorifique	(Watt)			2033	2634	3297	4022	4808	5651	6550
	2 P absorbée	(W)			1506	1692	1882	2078	2281	2493	2717
	3 I absorbée	(A)			7.35	8.18	9.06	9.98	10.9	11.9	13.0
	4 Tc	(°C)			42.8	44.7	46.7	48.8	51.1	53.5	56.1
46	1 P frigorifique	(Watt)				2192	2784	3433			
	2 P absorbée	(W)				1719	1939	2163			
	3 I absorbée	(A)				8.31	9.31	10.4			
	4 Tc	(°C)				51.6	53.5	55.4			

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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