



Condensing unit  
Voltage Code : XC

# FHT4524ZHR-XC

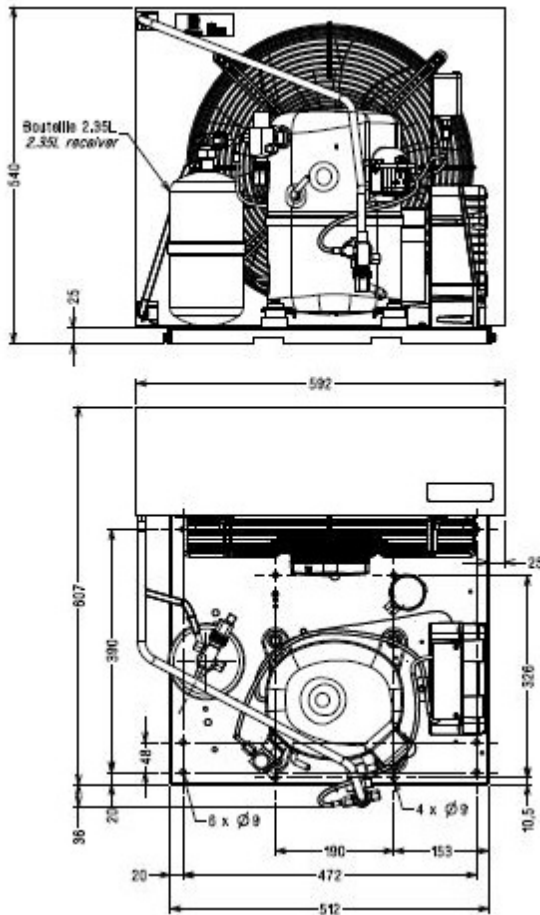
High Temp. Commercial (HP)

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

<b>Net Weight (Kg)</b>	61.0
<b>Expansion device</b>	Expansion_Valve
<b>Air Flow (m³/h)</b>	3900
<b>Elec Comp Type</b>	CSR
<b>Current (Amp)</b>	
Load Rated Amp	11.6
Max Cont Current	17.2
Lock Rotor Amp	53
<b>Fan</b>	
Speed (rpm)	1360
Power (W)	280.0
Diameter (mm)	420
Protection	Overload
IP Level	IP54
<b>Condenser</b>	M420/15500
<b>Liquid Receiver</b>	
Capacity (L)	2.35
Maximum Pressure (Bars)	32.0
<b>Suction Line</b>	
Suction Type	Vanne Orientable
For Tubing Out Diam	15.9 (5/8")
Suction Connection Type	Brased
<b>Liquid Line</b>	
Liquid Line Type	Vanne Orientable
For Tubing Out Diam	9.5 (3/8")
Liquid Connecton Type	Brased
<b>Connection Type</b>	VR
<b>Fan Guard</b>	maille < à 8mm

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<b>FHT4524ZHR-XC</b>	<b>Tension XC : 220 - 240V 1~ 50 Hz</b>
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Les performances sont données dans les <b>conditions EN13215</b> :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	3.0 K
The performance data are in <b>EN13215 conditions</b> :	Return gas :	20.0 °C
Dew Condition	Subcooling :	3.0 K

<b>50 Hz R452A</b>											
											<b>N°User-166</b>
5   T ambience	6   T évaporation	(°C)	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>	<b>-5</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>15</b>
<b>25</b>	1   P frigorifique	(Watt)	1664	2219	2835	3505	4220	4968	5733	6496	7239
	2   P absorbée	(W)	1225	1384	1543	1704	1870	2044	2228	2426	2642
	3   I absorbée	(A)	6.09	6.76	7.47	8.22	9.00	9.82	10.7	11.6	12.6
	4   Tc	(°C)	29.6	31.6	33.7	36.0	38.6	41.3	44.3	47.5	51.0
<b>32</b>	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
<b>43</b>	1   P frigorifique	(Watt)			1854	2384	2943	3533	4156	4814	
	2   P absorbée	(W)			1572	1792	2013	2236	2463	2694	
	3   I absorbée	(A)			7.69	8.66	9.66	10.7	11.8	12.9	
	4   Tc	(°C)			48.8	50.8	52.9	55.0	57.1	59.3	

<b>50 Hz R404A</b>											
											<b>N°User-165</b>
5   T ambience	6   T évaporation	(°C)	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>	<b>-5</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>15</b>
<b>25</b>	1   P frigorifique	(Watt)	1972	2543	3183	3883	4629	5403	6185	6949	7669
	2   P absorbée	(W)	1296	1447	1597	1747	1900	2059	2226	2407	2604
	3   I absorbée	(A)	6.40	7.05	7.72	8.42	9.14	9.89	10.7	11.5	12.4
	4   Tc	(°C)	30.2	32.1	34.2	36.4	38.9	41.5	44.5	47.6	51.1
<b>32</b>	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
<b>43</b>	1   P frigorifique	(Watt)			2119	2659	3228	3823	4442	5081	5743
	2   P absorbée	(W)			1666	1872	2079	2286	2494	2706	2923
	3   I absorbée	(A)			8.12	9.03	9.97	10.9	11.9	12.9	14.0
	4   Tc	(°C)			49.3	51.2	53.1	55.1	57.1	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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<b>FHT4524ZHR-XC</b>	<b>Tension XC : 220 - 240V 1~ 50 Hz</b>
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Les performances sont données dans les <b>conditions EN13215</b> :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	3.0 K
The performance data are in <b>EN13215 conditions</b> :	Return gas :	20.0 °C
Dew Condition	Subcooling :	3.0 K

<b>50 Hz R448A (*)</b>											
											<b>N°User-168</b>
5   T ambience	6   T évaporation	(°C)	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>	<b>-5</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>15</b>
<b>25</b>	1   P frigorifique	(Watt)	1516	2062	2686	3391	4175	5037	5971	6972	8032
	2   P absorbée	(W)	1171	1313	1455	1600	1748	1900	2058	2224	2401
	3   I absorbée	(A)	5.82	6.42	7.06	7.73	8.42	9.14	9.89	10.7	11.5
	4   Tc	(°C)	27.8	29.6	31.4	33.5	35.7	38.1	40.7	43.4	46.4
<b>32</b>	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
<b>43</b>	1   P frigorifique	(Watt)			1795	2358	2981	3669	4428	5262	
	2   P absorbée	(W)			1508	1712	1919	2131	2346	2565	
	3   I absorbée	(A)			7.38	8.28	9.22	10.2	11.2	12.3	
	4   Tc	(°C)			47.2	49.0	50.8	52.7	54.7	56.7	

<b>50 Hz R449A (*)</b>											
											<b>N°User-167</b>
5   T ambience	6   T évaporation	(°C)	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>	<b>-5</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>15</b>
<b>25</b>	1   P frigorifique	(Watt)	1503	2054	2681	3387	4168	5018	5929	6889	7885
	2   P absorbée	(W)	1171	1313	1456	1601	1750	1905	2069	2246	2439
	3   I absorbée	(A)	5.82	6.42	7.06	7.73	8.43	9.16	9.94	10.8	11.7
	4   Tc	(°C)	28.2	29.8	31.6	33.6	35.8	38.3	41.0	44.0	47.2
<b>32</b>	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
<b>43</b>	1   P frigorifique	(Watt)			1793	2355	2974	3651	4388	5187	
	2   P absorbée	(W)			1508	1712	1920	2134	2353	2581	
	3   I absorbée	(A)			7.38	8.28	9.23	10.2	11.3	12.4	
	4   Tc	(°C)			47.2	49.0	50.9	52.9	55.0	57.2	

**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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