



Condensing unit
Voltage Code : XG

FHT4524ZHR-XG

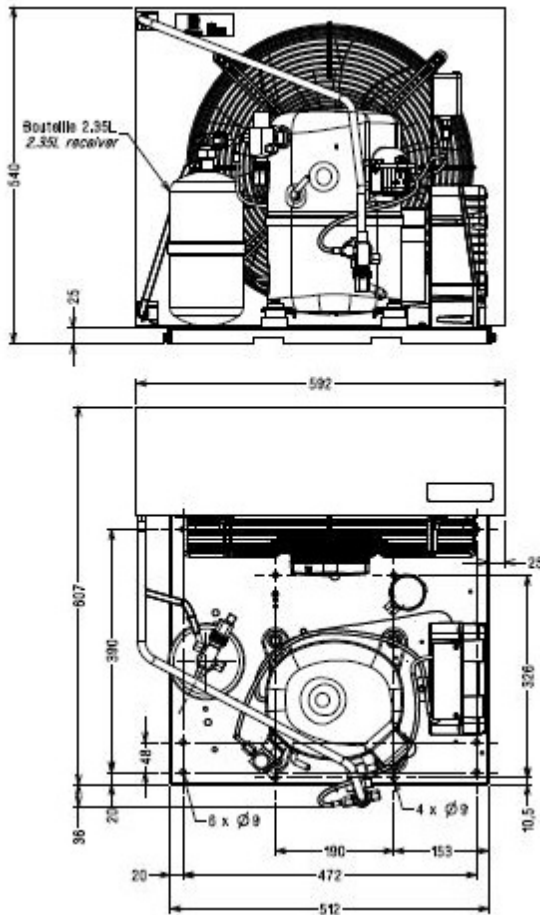
High Temp. Commercial HTA (HP)

380-420V 3~ 50Hz / 460V 3~ 60 Hz

R452A / R404A / R448A / R449A

FHT4524ZHR-XG

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	2958	10087	80 dBA
EN13215 / R404A	50 Hz	3297	11242	80 dBA
EN13215 / R448A	50 Hz	2882	9827	80 dBA
EN13215 / R449A	50 Hz	2875	9803	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)	60.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	3900 / 4300
Elec Comp Type	TRI
Current (Amp)	
Load Rated Amp	4.9
Max Cont Current	7.8
Lock Rotor Amp	27
Fan	
Speed (rpm)	1360 / 1520
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-XG	Tension XG : 380-420V 3~ 50Hz / 460V 3~ 60 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°User-186

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
32	1 P frigorifique	(Watt)		1776	2341	2958	3620	4319	5043	5778	6513
	2 P absorbée	(W)		1240	1449	1652	1849	2043	2238	2435	2638
	3 I absorbée	(A)		3.38	3.66	3.94	4.22	4.50	4.79	5.09	5.41
	4 Tc	(°C)		37.2	39.2	41.4	43.7	46.2	48.9	51.8	55.0
38	1 P frigorifique	(Watt)			2014	2583	3192	3838	4515	5218	5946
	2 P absorbée	(W)			1436	1659	1876	2087	2295	2502	2711
	3 I absorbée	(A)			3.64	3.95	4.26	4.56	4.88	5.19	5.52
	4 Tc	(°C)			44.2	46.3	48.5	50.8	53.2	55.7	58.5
46	1 P frigorifique	(Watt)				2095	2635	3212	3829		
	2 P absorbée	(W)				1654	1898	2134	2362		
	3 I absorbée	(A)				3.93	4.29	4.63	4.97		
	4 Tc	(°C)				53.0	55.0	57.0	59.0		

50 Hz R404A

N°User-185

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
32	1 P frigorifique	(Watt)	1548	2070	2656	3297	3984	4703	5437	6166	6868
	2 P absorbée	(W)	1112	1323	1523	1715	1901	2082	2261	2443	2629
	3 I absorbée	(A)	3.27	3.54	3.80	4.06	4.32	4.58	4.84	5.12	5.41
	4 Tc	(°C)	35.9	37.7	39.7	41.8	44.0	46.4	49.1	51.9	55.0
38	1 P frigorifique	(Watt)		1760	2300	2887	3515	4174	4855	5546	6234
	2 P absorbée	(W)		1295	1518	1731	1935	2133	2326	2517	2708
	3 I absorbée	(A)		3.50	3.80	4.09	4.37	4.65	4.94	5.23	5.53
	4 Tc	(°C)		42.9	44.8	46.7	48.8	50.9	53.2	55.7	58.4
46	1 P frigorifique	(Watt)			1834	2350	2899	3479	4089	4729	
	2 P absorbée	(W)			1497	1739	1970	2192	2405	2610	
	3 I absorbée	(A)			3.76	4.10	4.42	4.74	5.05	5.37	
	4 Tc	(°C)			51.6	53.4	55.2	57.0	58.9	60.9	

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

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FHT4524ZHR-XG	Tension XG : 380-420V 3~ 50Hz / 460V 3~ 60 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 R448A (*)

N°User-188

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
32	1 P frigorifique	(Watt)		1657	2232	2882	3607	4405	5270	6194	7167
	2 P absorbée	(W)		1187	1379	1566	1748	1928	2108	2291	2480
	3 I absorbée	(A)		3.27	3.52	3.78	4.04	4.30	4.57	4.85	5.16
	4 Tc	(°C)		35.5	37.2	39.1	41.2	43.5	45.9	48.6	51.6
38	1 P frigorifique	(Watt)			1934	2535	3205	3944	4751	5622	6553
	2 P absorbée	(W)			1373	1580	1783	1982	2179	2378	2580
	3 I absorbée	(A)			3.51	3.80	4.09	4.38	4.68	4.98	5.31
	4 Tc	(°C)			42.5	44.3	46.3	48.4	50.6	53.1	55.7
46	1 P frigorifique	(Watt)				2084	2683	3345	4074		
	2 P absorbée	(W)				1587	1818	2044	2267		
	3 I absorbée	(A)				3.81	4.14	4.47	4.81		
	4 Tc	(°C)				51.3	53.1	55.0	57.0		

50 Hz R449A (*)

N°User-187

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
32	1 P frigorifique	(Watt)		1654	2227	2875	3597	4390	5249	6165	7129
	2 P absorbée	(W)		1187	1379	1566	1749	1930	2111	2296	2488
	3 I absorbée	(A)		3.27	3.52	3.78	4.04	4.30	4.57	4.86	5.17
	4 Tc	(°C)		35.6	37.3	39.2	41.3	43.6	46.1	48.8	51.8
38	1 P frigorifique	(Watt)			1929	2528	3195	3930	4731	5595	6518
	2 P absorbée	(W)			1373	1581	1783	1984	2183	2383	2586
	3 I absorbée	(A)			3.51	3.80	4.09	4.38	4.68	4.99	5.32
	4 Tc	(°C)			42.5	44.4	46.4	48.5	50.8	53.2	55.9
46	1 P frigorifique	(Watt)				2077	2672	3330	4055		
	2 P absorbée	(W)				1587	1818	2046	2270		
	3 I absorbée	(A)				3.81	4.14	4.48	4.81		
	4 Tc	(°C)				51.4	53.2	55.1	57.1		

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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