



Condensing unit
Voltage Code : XC

FHT4532ZHR-XC

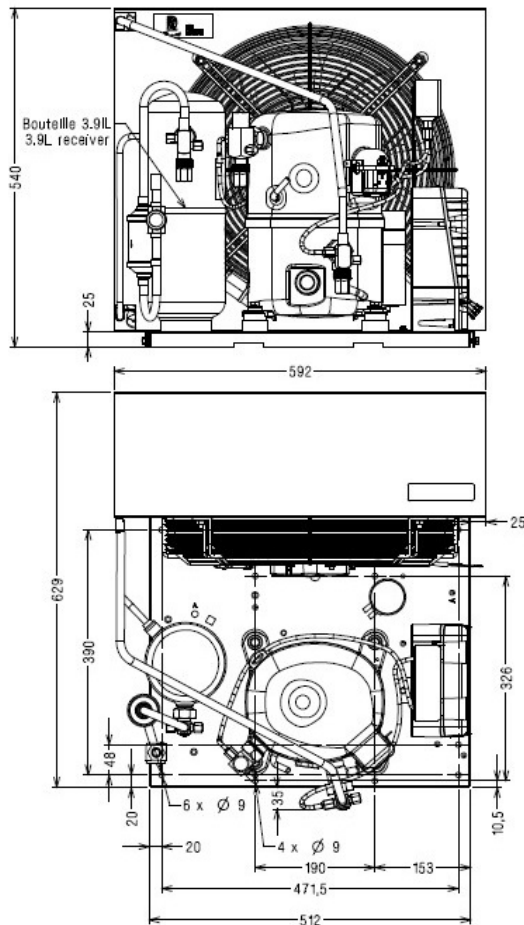
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

FHT4532ZHR-XC

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	3764	12836	81 dBA
EN13215 / R404A	50 Hz	4169	14216	81 dBA
EN13215 / R448A	50 Hz	3639	12407	81 dBA
EN13215 / R449A	50 Hz	3633	12387	81 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)	66.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	3670
Elec Comp Type	CSR
Current (Amp)	
Load Rated Amp	13.3
Max Cont Current	21.9
Lock Rotor Amp	23
Fan	
Speed (rpm)	1360
Power (W)	280.0
Diameter (mm)	420
Protection	Overload
IP Level	IP54
Condenser	M420/20000
Liquid Receiver	
Capacity (L)	3.9
Maximum Pressure (Bars)	32.0
Suction Line	
Suction Type	Vanne Orientable
For Tubing Out Diam	22.2 (7/8")
Suction Connection Type	Brased
Liquid Line	
Liquid Line Type	Vanne Orientable
For Tubing Out Diam	12.7 (1/2")
Liquid Connecton Type	Brased
Connection Type	VR
Fan Guard	maille < à 8mm

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



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FHT4532ZHR-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-170
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)		2715	3479	4309	5193	6116	7059	8002	8926
	2 P absorbée	(W)		1701	1876	2048	2222	2403	2596	2805	3033
	3 I absorbée	(A)		8.03	8.82	9.61	10.4	11.3	12.2	13.2	14.3
	4 Tc	(°C)		32.1	34.0	36.2	38.7	41.5	44.6	47.9	51.5
32	1 P frigorifique	(Watt)		2285	2999	3764	4572	5412	6271	7134	7993
	2 P absorbée	(W)		1719	1927	2126	2323	2523	2731	2951	3187
	3 I absorbée	(A)		8.12	9.06	9.97	10.9	11.8	12.8	13.9	15.0
	4 Tc	(°C)		38.7	40.4	42.4	44.6	47.2	50.0	53.0	56.3
43	1 P frigorifique	(Watt)				2928	3620	4334	5069		
	2 P absorbée	(W)				2206	2449	2687	2926		
	3 I absorbée	(A)				10.3	11.4	12.5	13.7		
	4 Tc	(°C)				52.2	54.2	56.3	58.7		

50 Hz R404A											
											N°User-169
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	2396	3104	3893	4753	5668	6619	7582	8534	9455
	2 P absorbée	(W)	1606	1775	1936	2093	2253	2419	2596	2785	2991
	3 I absorbée	(A)	7.64	8.37	9.09	9.81	10.6	11.3	12.2	13.1	14.0
	4 Tc	(°C)	31.0	32.5	34.3	36.5	38.9	41.7	44.7	47.9	51.3
32	1 P frigorifique	(Watt)		2655	3385	4169	4996	5851	6716	7574	8413
	2 P absorbée	(W)		1815	2004	2186	2367	2551	2741	2941	3154
	3 I absorbée	(A)		8.56	9.41	10.3	11.1	12.0	12.9	13.8	14.8
	4 Tc	(°C)		39.0	40.7	42.6	44.9	47.4	50.1	53.0	56.0
43	1 P frigorifique	(Watt)			2591	3259	3950	4658	5373	6093	
	2 P absorbée	(W)			2070	2300	2521	2739	2958	3180	
	3 I absorbée	(A)			9.68	10.7	11.8	12.8	13.8	14.9	
	4 Tc	(°C)			50.8	52.4	54.3	56.4	58.6	61.0	

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

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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°User-172
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1809	2486	3262	4138	5114	6179	7320	8516	9743
	2 P absorbée	(W)	1448	1612	1768	1920	2073	2231	2401	2587	2797
	3 I absorbée	(A)	6.91	7.63	8.33	9.03	9.74	10.5	11.3	12.2	13.1
	4 Tc	(°C)	29.5	30.7	32.1	33.8	35.8	38.2	40.9	43.9	47.3
32	1 P frigorifique	(Watt)		2104	2828	3639	4536	5516	6567	7674	8816
	2 P absorbée	(W)		1640	1827	2006	2184	2364	2554	2758	2983
	3 I absorbée	(A)		7.76	8.60	9.43	10.3	11.1	12.0	13.0	14.0
	4 Tc	(°C)		37.5	38.8	40.4	42.2	44.3	46.8	49.6	52.7
43	1 P frigorifique	(Watt)				2875	3656	4505	5417		
	2 P absorbée	(W)				2108	2334	2558	2786		
	3 I absorbée	(A)				9.85	10.9	12.0	13.0		
	4 Tc	(°C)				50.8	52.3	54.1	56.2		

50 Hz R449A (*)											
											N°User-171
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1809	2485	3259	4133	5103	6162	7295	8480	9694
	2 P absorbée	(W)	1448	1613	1769	1921	2075	2235	2407	2596	2808
	3 I absorbée	(A)	6.91	7.63	8.33	9.04	9.75	10.5	11.3	12.2	13.2
	4 Tc	(°C)	29.6	30.7	32.2	33.9	36.0	38.4	41.1	44.2	47.6
32	1 P frigorifique	(Watt)		2103	2825	3633	4526	5500	6543	7639	8767
	2 P absorbée	(W)		1640	1827	2007	2186	2368	2560	2766	2994
	3 I absorbée	(A)		7.76	8.60	9.44	10.3	11.1	12.0	13.0	14.1
	4 Tc	(°C)		37.6	38.9	40.4	42.3	44.5	47.0	49.8	53.0
43	1 P frigorifique	(Watt)				2869	3645	4489	5393		
	2 P absorbée	(W)				2109	2336	2561	2792		
	3 I absorbée	(A)				9.85	10.9	12.0	13.1		
	4 Tc	(°C)				50.8	52.4	54.2	56.4		

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 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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