



Condensing unit
Voltage Code : TX

FHT4544ZHR-TX

High Temp. Commercial (HP)

400V 3~ 50Hz

R452A / R404A / R448A / R449A

FHT4544ZHR-TX

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	5986	20412	84 dBA
EN13215 / R404A	50 Hz	6608	22532	84 dBA
EN13215 / R448A	50 Hz	5694	19415	84 dBA
EN13215 / R449A	50 Hz	5688	19396	84 dBA

Net Weight (Kg)	82.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	7000
Elec Comp Type	TRI
Current (Amp)	
Load Rated Amp	9,2
Max Cont Current	14,5
Lock Rotor Amp	45
Fan	
Speed (rpm)	1360 / 1520
Power (W)	280.0
Diameter (mm)	420
Protection	Overload
IP Level	IP54
Condenser	B420P/36000
Liquid Receiver	
Capacity (L)	6.0
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

* EN13215 : T°Ambient 32.0°C / T°Evap. -10.0°C / T°Return gas temp.. 20.0°C
T°Subcooling. 3.0K

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



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FHT4544ZHR-TX	Tension TX : 400V 3~ 50Hz
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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°7326
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	3215	4297	5485	6787	8203	9732	11362	13079	14864
	2 P absorbée	(W)	2172	2472	2754	3025	3290	3554	3825	4106	4404
	3 I absorbée	(A)	6.28	6.61	6.92	7.24	7.56	7.89	8.25	8.63	9.04
	4 Tc	(°C)	28.0	29.1	30.3	31.7	33.2	35.0	36.9	39.0	41.3
32	1 P frigorifique	(Watt)		3656	4778	5986	7283	8670	10141	11687	13296
	2 P absorbée	(W)		2482	2809	3119	3420	3716	4013	4316	4630
	3 I absorbée	(A)		6.62	7.00	7.37	7.74	8.12	8.51	8.91	9.35
	4 Tc	(°C)		35.6	36.8	38.1	39.6	41.2	43.0	44.9	47.1
43	1 P frigorifique	(Watt)			3667	4725	5835	7002	8231	9520	10873
	2 P absorbée	(W)			2845	3222	3583	3932	4274	4615	4958
	3 I absorbée	(A)			7.03	7.51	7.96	8.42	8.87	9.33	9.80
	4 Tc	(°C)			46.9	48.1	49.5	51.0	52.6	54.3	56.2

50 Hz R404A											
											N°7325
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	3783	4879	6100	7448	8922	10513	12206	13981	15811
	2 P absorbée	(W)	2303	2585	2850	3102	3346	3586	3828	4077	4338
	3 I absorbée	(A)	6.56	6.85	7.13	7.41	7.70	7.99	8.30	8.62	8.98
	4 Tc	(°C)	28.4	29.4	30.5	31.9	33.4	35.1	37.0	39.1	41.4
32	1 P frigorifique	(Watt)	3171	4223	5367	6608	7946	9377	10890	12470	14098
	2 P absorbée	(W)	2287	2613	2920	3212	3493	3767	4038	4312	4593
	3 I absorbée	(A)	6.54	6.89	7.22	7.56	7.89	8.23	8.58	8.94	9.32
	4 Tc	(°C)	34.9	35.9	37.0	38.3	39.7	41.3	43.1	45.0	47.1
43	1 P frigorifique	(Watt)		3164	4183	5252	6376	7555	8788	10068	11390
	2 P absorbée	(W)		2620	2991	3343	3681	4008	4326	4641	4956
	3 I absorbée	(A)		6.89	7.32	7.74	8.15	8.56	8.98	9.39	9.82
	4 Tc	(°C)		46.1	47.2	48.4	49.7	51.1	52.6	54.3	56.1

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

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FHT4544ZHR-TX	Tension TX : 400V 3~ 50Hz
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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°7328
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	2845	3893	5074	6401	7887	9536	11348	13318	15432
	2 P absorbée	(W)	2077	2348	2607	2855	3095	3331	3567	3807	4057
	3 I absorbée	(A)	6.07	6.36	6.65	6.93	7.23	7.53	7.83	8.16	8.50
	4 Tc	(°C)	27.1	27.9	28.8	29.9	31.1	32.6	34.2	36.0	38.1
32	1 P frigorifique	(Watt)		3342	4456	5694	7066	8582	10244	12049	13989
	2 P absorbée	(W)		2369	2666	2952	3230	3503	3774	4046	4325
	3 I absorbée	(A)		6.39	6.73	7.07	7.42	7.76	8.12	8.49	8.87
	4 Tc	(°C)		34.5	35.4	36.5	37.6	39.0	40.5	42.3	44.2
43	1 P frigorifique	(Watt)			3478	4574	5772	7082	8511	10064	11738
	2 P absorbée	(W)			2726	3073	3412	3743	4070	4396	4723
	3 I absorbée	(A)			6.81	7.24	7.67	8.10	8.54	8.98	9.44
	4 Tc	(°C)			45.8	46.8	47.9	49.1	50.5	52.0	53.8

50 Hz R449A (*)											
											N°7327
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	2845	3893	5071	6397	7879	9523	11329	13290	15393
	2 P absorbée	(W)	2077	2348	2607	2856	3097	3335	3572	3815	4067
	3 I absorbée	(A)	6.07	6.36	6.65	6.94	7.23	7.53	7.84	8.17	8.52
	4 Tc	(°C)	27.1	27.9	28.9	30.0	31.2	32.7	34.3	36.2	38.3
32	1 P frigorifique	(Watt)		3340	4453	5688	7057	8568	10223	12019	13947
	2 P absorbée	(W)		2369	2666	2953	3232	3506	3779	4054	4336
	3 I absorbée	(A)		6.39	6.73	7.07	7.42	7.77	8.13	8.50	8.89
	4 Tc	(°C)		34.5	35.5	36.5	37.7	39.1	40.7	42.4	44.4
43	1 P frigorifique	(Watt)			3472	4566	5760	7064	8487	10030	11692
	2 P absorbée	(W)			2726	3074	3414	3746	4075	4403	4733
	3 I absorbée	(A)			6.81	7.24	7.67	8.11	8.54	8.99	9.45
	4 Tc	(°C)			45.8	46.8	47.9	49.2	50.6	52.2	53.9

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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