

Condensing unit
Voltage Code : TZ

TFHT4531ZHR-TZ

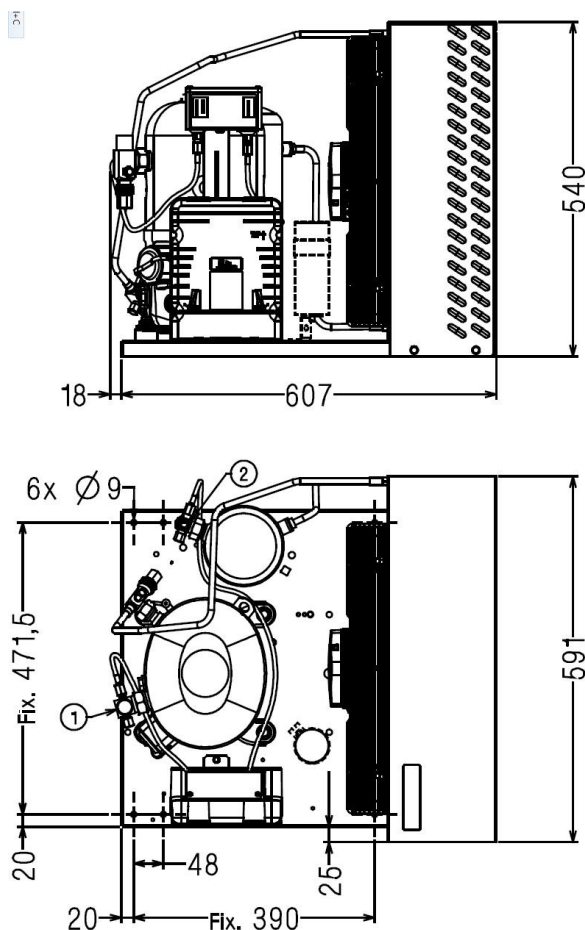
High Temp. Commercial (HP)

400V 3~ 50Hz / 440V 3~ 60 Hz

R452A / R404A / R448A / R449A

TFHT4531ZHR-TZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	6682	22786	81 dBA
EN13215 / R404A	50 Hz	6802	23195	81 dBA
EN13215 / R448A	50 Hz	6474	22075	81 dBA
EN13215 / R449A	50 Hz	6477	22087	81 dBA



* EN13215 : T°Ambient 32.0°C / T°Evap. 5.0°C / T°Return gas temp.. 20.0°C
T°Subcooling. 3.0K

Net Weight (Kg)	69.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	3670 / 4050
Compo Data Sheet	226JU-T
Elec Comp Type	TRI
Current (Amp)	
Load Rated Amp	6.4 7.2
Max Cont Current	9.3 10.6
Lock Rotor Amp	29 33
Fan	
Speed (rpm)	1360 / 1520
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 Connection Type	Brased
Connection Type	VR
Fan Guard	maille < à 8mm

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

TFHT4531ZHR-TZ	Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz
-----------------------	--

Les performances sont données dans les **conditions EN13215** :
Condition Dew

Gaz aspirés : 20.0 °C
Sous refroidissement : 3.0 K

The performance data are in **EN13215 conditions** :
Dew Condition

Return gas : 20.0 °C
Subcooling : 3.0 K

© 2019 Tecumseh Products Company
All rights reserved

50 Hz R452A

N°6136

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	2312	3019	3800	4650	5562	6521	7514	8524	9535
	2 P absorbée	(W)	1575	1785	1998	2219	2455	2709	2988	3295	3636
	3 I absorbée	(A)	4.00	4.23	4.50	4.80	5.15	5.54	5.98	6.47	7.01
	4 Tc	(°C)	28.0	29.9	32.0	34.3	36.8	39.6	42.6	45.8	49.2
32	1 P frigorifique	(Watt)		2566	3297	4082	4913	5783	6682	7602	8538
	2 P absorbée	(W)		1779	2017	2262	2518	2791	3085	3405	3755
	3 I absorbée	(A)		4.26	4.55	4.88	5.25	5.66	6.12	6.62	7.17
	4 Tc	(°C)		36.2	38.3	40.5	42.9	45.5	48.2	51.2	54.2
43	1 P frigorifique	(Watt)			2484	3163	3868	4601	5362	6156	
	2 P absorbée	(W)			1998	2286	2582	2890	3216	3561	
	3 I absorbée	(A)			4.58	4.95	5.36	5.80	6.29	6.81	
	4 Tc	(°C)			48.3	50.4	52.6	54.9	57.3	59.8	

50 Hz R404A

N°5147

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	2520	3241	4030	4882	5784	6720	7674	8626	9556
	2 P absorbée	(W)	1659	1872	2088	2311	2546	2799	3073	3372	3702
	3 I absorbée	(A)	4.17	4.40	4.67	4.97	5.32	5.70	6.13	6.61	7.13
	4 Tc	(°C)	30.9	32.7	34.8	37.1	39.5	42.2	45.1	48.2	51.4
32	1 P frigorifique	(Watt)		2764	3502	4285	5103	5946	6802	7659	8509
	2 P absorbée	(W)		1874	2115	2361	2617	2887	3175	3486	3823
	3 I absorbée	(A)		4.45	4.74	5.06	5.43	5.83	6.28	6.76	7.29
	4 Tc	(°C)		38.9	40.9	43.1	45.4	47.9	50.5	53.3	56.2
43	1 P frigorifique	(Watt)			2653	3326	4013	4712	5421	6142	
	2 P absorbée	(W)			2109	2397	2692	2996	3313	3648	
	3 I absorbée	(A)			4.79	5.15	5.55	5.99	6.46	6.97	
	4 Tc	(°C)			50.6	52.6	54.7	56.9	59.1	61.4	

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.

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

TFHT4531ZHR-TZ	Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz
-----------------------	--

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°6971
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1947	2631	3391	4231	5149	6138	7194	8307	9470
	2 P absorbée	(W)	1485	1684	1890	2108	2341	2595	2874	3183	3527
	3 I absorbée	(A)	3.82	4.04	4.30	4.60	4.94	5.33	5.77	6.26	6.81
	4 Tc	(°C)	28.3	30.2	32.3	34.7	37.2	40.0	43.0	46.2	49.6
32	1 P frigorifique	(Watt)		2225	2942	3726	4576	5493	6474	7515	8616
	2 P absorbée	(W)		1681	1912	2152	2408	2682	2980	3306	3663
	3 I absorbée	(A)		4.08	4.36	4.68	5.05	5.46	5.92	6.43	7.00
	4 Tc	(°C)		36.6	38.7	40.9	43.4	46.0	48.7	51.6	54.7
43	1 P frigorifique	(Watt)			2225	2922	3672	4478			
	2 P absorbée	(W)			1894	2180	2478	2793			
	3 I absorbée	(A)			4.39	4.76	5.17	5.62			
	4 Tc	(°C)			48.8	50.9	53.1	55.4			

50 Hz R449A (*)											
											N°5762
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1948	2632	3393	4233	5151	6142	7198	8312	9476
	2 P absorbée	(W)	1485	1684	1890	2108	2341	2595	2874	3183	3527
	3 I absorbée	(A)	3.82	4.04	4.30	4.60	4.94	5.33	5.77	6.26	6.81
	4 Tc	(°C)	28.4	30.2	32.3	34.7	37.2	40.0	43.0	46.2	49.6
32	1 P frigorifique	(Watt)		2226	2944	3727	4579	5496	6477	7519	8621
	2 P absorbée	(W)		1681	1912	2152	2408	2682	2980	3306	3663
	3 I absorbée	(A)		4.08	4.36	4.68	5.05	5.46	5.92	6.43	7.00
	4 Tc	(°C)		36.6	38.7	40.9	43.3	45.9	48.7	51.6	54.6
43	1 P frigorifique	(Watt)			2226	2924	3674	4480			
	2 P absorbée	(W)			1894	2180	2478	2793			
	3 I absorbée	(A)			4.39	4.76	5.17	5.62			
	4 Tc	(°C)			48.7	50.8	53.0	55.3			

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.
Nota : Tecumseh se réserve le droit de modifier les informations contenues dans ce document sans préavis.
Note : Tecumseh reserves the right to change information contained in this document without notification.