

Condensing unit  
Voltage Code : TZ

# TFHT2511ZBR-TZ

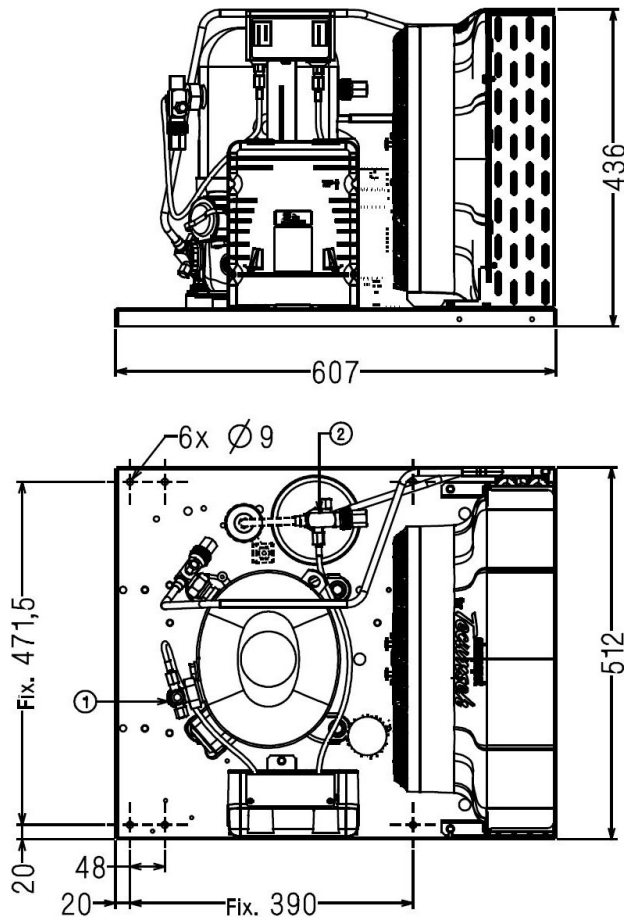
Low Temp. Commercial (BP)

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

R452A / R404A / R448A / R449A

TFHT2511ZBR-TZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	1465	4996	77 dBA
EN13215 / R404A	50 Hz	1629	5555	77 dBA
EN13215 / R448A	50 Hz	1180	4023	77 dBA
EN13215 / R449A	50 Hz	1180	4025	77 dBA



\* EN13215 : T°Ambient 32.0°C / T°Evap. -35.0°C / T°Return gas temp.. 20.0°C  
T°Subcooling. 3.0K

<b>Net Weight (Kg)</b>	57.0
<b>Expansion device</b>	Expansion_Valve
<b>Air Flow (m³/h)</b>	1750 / 1850
<b>Compo Data Sheet</b>	126LU-T
<b>Elec Comp Type</b>	TRI
<b>Current (Amp)</b>	
Load Rated Amp	4.2   4.4
Max Cont Current	7.8   7.9
Lock Rotor Amp	29   33
<b>Fan</b>	
Speed (rpm)	1335 / 1500
Power (W)	95.0
Diameter (mm)	350
Protection	Overload
IP Level	IP44
<b>Condenser</b>	M350/8200
<b>Liquid Receiver</b>	
Capacity (L)	1.5
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>TFHT2511ZBR-TZ</b>	<b>Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 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°6044</b>									
5   T ambience	6   T évaporation	(°C)	<b>-40</b>	<b>-35</b>	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>
<b>25</b>	1   P frigorifique	(Watt)	1258	1725	2256	2846	3498	4217	5016
	2   P absorbée	(W)	1196	1414	1657	1936	2259	2634	3068
	3   I absorbée	(A)	3.13	3.36	3.66	4.03	4.48	5.00	5.59
	4   Tc	(°C)	26.7	29.2	32.2	35.5	38.9	42.3	45.7
<b>32</b>	1   P frigorifique	(Watt)	1029	1465	1957	2504	3106	3769	4505
	2   P absorbée	(W)	1145	1378	1636	1929	2268	2659	3110
	3   I absorbée	(A)	3.07	3.32	3.64	4.03	4.49	5.03	5.63
	4   Tc	(°C)	32.7	35.0	37.7	40.7	44.0	47.4	50.7
<b>43</b>	1   P frigorifique	(Watt)	710	1094	1525	2003	2527	3104	3749
	2   P absorbée	(W)	1048	1311	1598	1919	2286	2706	3187
	3   I absorbée	(A)	2.95	3.25	3.60	4.02	4.50	5.05	5.66
	4   Tc	(°C)	42.3	44.1	46.4	49.1	52.2	55.4	58.6

<b>50 Hz R404A</b>									
<b>N°5142</b>									
5   T ambience	6   T évaporation	(°C)	<b>-40</b>	<b>-35</b>	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>
<b>25</b>	1   P frigorifique	(Watt)	1413	1913	2472	3082	3739	4445	5209
	2   P absorbée	(W)	1281	1519	1779	2071	2405	2788	3229
	3   I absorbée	(A)	3.33	3.58	3.90	4.28	4.74	5.27	5.87
	4   Tc	(°C)	29.6	32.1	35.0	38.2	41.5	44.9	48.1
<b>32</b>	1   P frigorifique	(Watt)	1163	1629	2148	2712	3317	3964	4661
	2   P absorbée	(W)	1239	1488	1761	2067	2416	2818	3279
	3   I absorbée	(A)	3.29	3.56	3.89	4.30	4.77	5.31	5.92
	4   Tc	(°C)	35.5	37.7	40.4	43.3	46.5	49.7	52.9
<b>43</b>	1   P frigorifique	(Watt)	815	1225	1679	2171	2694	3251	3850
	2   P absorbée	(W)	1155	1431	1730	2063	2443	2877	3373
	3   I absorbée	(A)	3.21	3.51	3.87	4.30	4.79	5.35	5.99
	4   Tc	(°C)	44.8	46.6	48.8	51.4	54.3	57.3	60.3

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

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<b>TFHT2511ZBR-TZ</b>	<b>Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 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°6931</b>
5   T ambience	6   T évaporation	(°C)	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>	
<b>25</b>	1   P frigorifique	(Watt)	1908	2493	3157	3910	4768	
	2   P absorbée	(W)	1563	1839	2154	2517	2934	
	3   I absorbée	(A)	3.48	3.85	4.29	4.79	5.36	
	4   Tc	(°C)	32.6	35.8	39.3	42.8	46.2	
<b>32</b>	1   P frigorifique	(Watt)	1655	2202	2827	3538	4351	
	2   P absorbée	(W)	1551	1840	2171	2551	2987	
	3   I absorbée	(A)	3.48	3.86	4.31	4.83	5.41	
	4   Tc	(°C)	38.1	41.2	44.5	47.8	51.2	
<b>43</b>	1   P frigorifique	(Watt)	1303	1796	2364	3015		
	2   P absorbée	(W)	1524	1842	2203	2615		
	3   I absorbée	(A)	3.45	3.87	4.34	4.87		
	4   Tc	(°C)	46.9	49.6	52.7	55.8		

<b>50 Hz R449A (*)</b>								<b>N°5570</b>
5   T ambience	6   T évaporation	(°C)	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>	
<b>25</b>	1   P frigorifique	(Watt)	1909	2494	3159	3912	4771	
	2   P absorbée	(W)	1563	1839	2154	2517	2934	
	3   I absorbée	(A)	3.48	3.85	4.29	4.79	5.36	
	4   Tc	(°C)	32.6	35.9	39.3	42.8	46.2	
<b>32</b>	1   P frigorifique	(Watt)	1655	2203	2828	3540	4353	
	2   P absorbée	(W)	1551	1840	2171	2551	2987	
	3   I absorbée	(A)	3.48	3.86	4.31	4.83	5.41	
	4   Tc	(°C)	38.1	41.2	44.5	47.8	51.1	
<b>43</b>	1   P frigorifique	(Watt)	1304	1797	2365	3017		
	2   P absorbée	(W)	1524	1842	2203	2615		
	3   I absorbée	(A)	3.45	3.87	4.34	4.87		
	4   Tc	(°C)	46.9	49.6	52.6	55.8		

**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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