



Compressor
Voltage Code : TZ

TFH4525Y

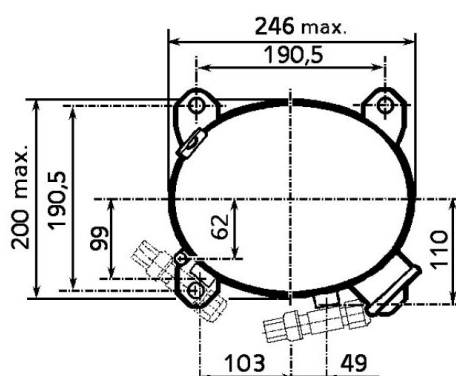
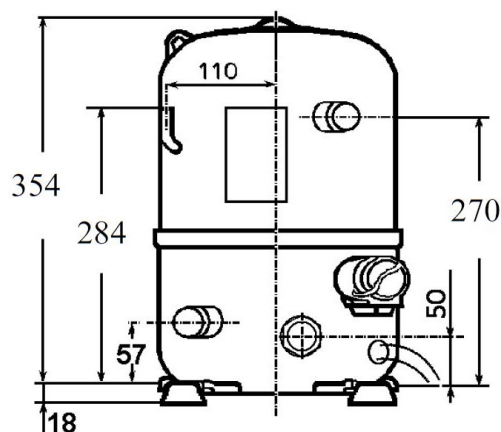
High Temp. Commercial (HP)

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

R134a

AHC4525YTZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN12900 / R134a	50 Hz / 60 Hz	5654 / 6594	19280 / 22484	73 dBA



Displacement (cc)	74.25
Net Weight (Kg)	31.0
Oil Quantity (cc)	1330.0
Oil Type	Polyolester
Expansion Device	Capillary_Tube/Expansion_Valve
Cooling	Fan
Main Winding (Ohm)	6.3
Current	
RLA (A)	3.9 4.1
MCC (A)	6.7 7.3
LRA (A)	25 25
Electrical Equipment	TRI
Overload	Interne
Refrigerating connection for OD	
Suction Tube	15.9 (5/8")
Discharge Tube	12.7 (1/2")
Process Tube	6.35 (1/4")

* EN12900 : T°Cond. 50.0°C / T°Evap. 5.0°C / T°Return gas temp.. 20.0°C
T°Subcooling. 0.0K

Certificates :



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

TFH4525Y	Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz
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Les performances sont données dans les conditions EN12900 :	Gaz aspirés : 20.0 °C
Condition Dew	Sous refroidissement : 0.0 K
The performance data are in EN12900 conditions :	Return gas : 20.0 °C
Dew Condition	Subcooling : 0.0 K

50 Hz R134a											
N°216LU-T											
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	1591	2224	2999	3938	5061	6390	7946	9750	11823
	2 P absorbée	(W)	953	1101	1261	1429	1600	1770	1934	2088	2227
	3 I absorbée	(A)	2.70	2.84	2.99	3.16	3.34	3.54	3.76	3.99	4.24
40	1 P frigorifique	(Watt)	1183	1741	2420	3242	4228	5398	6774	8377	10229
	2 P absorbée	(W)	967	1119	1290	1478	1677	1882	2090	2296	2495
	3 I absorbée	(A)	2.63	2.81	3.01	3.22	3.45	3.69	3.95	4.22	4.51
50	1 P frigorifique	(Watt)		1299	1885	2592	3442	4456	5654	7058	8690
	2 P absorbée	(W)		1135	1309	1507	1725	1957	2200	2448	2698
	3 I absorbée	(A)		2.75	2.99	3.24	3.51	3.80	4.10	4.42	4.75
60	1 P frigorifique	(Watt)			1407	2001	2717	3576	4598	5806	7220
	2 P absorbée	(W)			1330	1530	1757	2007	2275	2557	2849
	3 I absorbée	(A)			2.93	3.23	3.54	3.87	4.22	4.58	4.95

60 Hz R134a											
N°216LU-T											
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	1886	2581	3433	4471	5723	7217	8980	11042	13430
	2 P absorbée	(W)	1106	1307	1520	1751	2002	2280	2589	2934	3320
	3 I absorbée	(A)	2.42	2.60	2.82	3.09	3.40	3.76	4.16	4.60	5.09
40	1 P frigorifique	(Watt)	1425	2055	2820	3750	4871	6214	7804	9671	11843
	2 P absorbée	(W)	1056	1297	1542	1797	2066	2354	2665	3005	3378
	3 I absorbée	(A)	2.37	2.57	2.82	3.12	3.46	3.84	4.27	4.74	5.25
50	1 P frigorifique	(Watt)		1526	2198	3013	3998	5182	6594	8260	10209
	2 P absorbée	(W)		1217	1510	1805	2106	2419	2749	3099	3475
	3 I absorbée	(A)		2.54	2.82	3.14	3.50	3.91	4.37	4.86	5.41
60	1 P frigorifique	(Watt)			1592	2285	3128	4148	5374	6833	8553
	2 P absorbée	(W)			1394	1745	2095	2449	2812	3188	3583
	3 I absorbée	(A)			2.80	3.15	3.54	3.98	4.46	4.98	5.55

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

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