



Compressor  
Voltage Code : FZ

THB4422YFZ

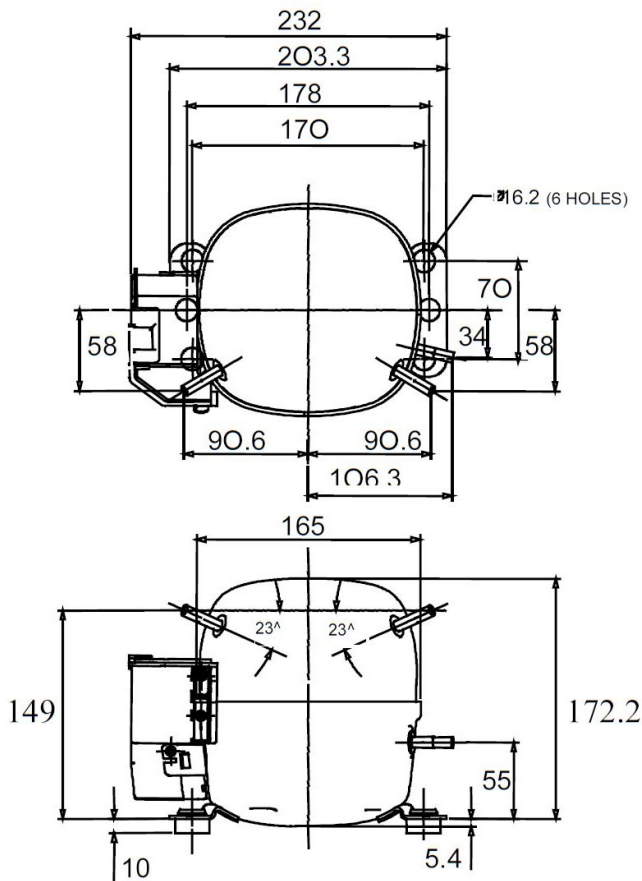
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R134a / R513A

THB4422YFZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN12900_MHP / R134a	50 Hz	264	901	47 dBA
EN12900_MHP / R513A	50 Hz	281	959	47 dBA



\* EN12900\_MHP : T°Cond. 45.0°C / T°Evap. -10.0°C / T°Return gas temp.. 20.0°C  
T°Subcooling. 0.0K

Certificates :



<b>Displacement (cc)</b>	5.9
<b>Net Weight (Kg)</b>	7.4
<b>Oil Quantity (cc)</b>	250.0
<b>Oil Type</b>	Polyolester
<b>Expansion Device</b>	Capillary_Tube/Expansion_Valve
<b>Cooling</b>	Fan
<b>Main Winding (Ohm)</b>	11.7
<b>Start Winding (Ohm)</b>	22.5
<b>Current</b>	
RLA (A)	1.6
MCC (A)	1.8
LRA (A)	9
<b>Electrical Equipment</b>	CSIR
<b>Overload</b>	T8826
Time Check	6.5s - 16s / 7 A
Open Temp	110° C
Close Temp	52° C
<b>Start Capacitor</b>	72-88 µF / 250 V
<b>Current Relay</b>	9660C-***-124
Pick Up	4.57A
Drop Out	3.85A
Optional	RP37**
<b>Refrigerating connection for OD</b>	
Suction Tube	6.35 (1/4")
Discharge Tube	6.35 (1/4")
Process Tube	4.76 (3/16")

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



**Tecumseh**

<b>THB4422YFZ</b>	<b>Tension FZ : 220 - 240V 1~ 50 Hz</b>
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Les performances sont données dans les <b>conditions EN12900_MHP</b> :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	0.0 K
The performance data are in <b>EN12900_MHP conditions</b> :	Return gas :	20.0 °C
Dew Condition	Subcooling :	0.0 K

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### 50 Hz R134a

**N°211LS-FZ**

4   T condensation	5   T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
<b>30</b>	1   P frigorifique	(Watt)	148	196	255	324	406	500	610	736	879
	2   P absorbée	(W)	127	139	152	164	177	191	206	222	239
	3   I absorbée	(A)	1.30	1.31	1.33	1.35	1.38	1.42	1.46	1.51	1.57
<b>40</b>	1   P frigorifique	(Watt)	125	170	223	285	358	443	541	653	782
	2   P absorbée	(W)	131	146	161	176	192	209	226	245	266
	3   I absorbée	(A)	1.29	1.31	1.34	1.37	1.42	1.46	1.52	1.58	1.65
<b>50</b>	1   P frigorifique	(Watt)		143	189	243	307	380	466	564	676
	2   P absorbée	(W)		150	168	187	206	226	247	270	294
	3   I absorbée	(A)		1.31	1.35	1.40	1.45	1.51	1.58	1.65	1.73
<b>60</b>	1   P frigorifique	(Watt)			157	202	255	316	387	470	565
	2   P absorbée	(W)			173	196	219	243	269	295	323
	3   I absorbée	(A)			1.37	1.43	1.50	1.57	1.65	1.73	1.82

### 50 Hz R513A

**N°3192**

4   T condensation	5   T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
<b>30</b>	1   P frigorifique	(Watt)	170	222	283	352	432	523	627	743	873
	2   P absorbée	(W)	142	153	164	176	189	204	222	243	270
	3   I absorbée	(A)	1.45	1.44	1.44	1.45	1.47	1.51	1.57	1.66	1.76
<b>40</b>	1   P frigorifique	(Watt)	141	188	243	306	379	462	556	662	782
	2   P absorbée	(W)	143	158	173	188	203	220	239	262	289
	3   I absorbée	(A)	1.41	1.42	1.44	1.46	1.50	1.54	1.61	1.69	1.79
<b>50</b>	1   P frigorifique	(Watt)		155	202	256	319	391	474	567	673
	2   P absorbée	(W)		159	179	198	217	237	259	284	312
	3   I absorbée	(A)		1.40	1.44	1.48	1.53	1.59	1.66	1.74	1.84
<b>60</b>	1   P frigorifique	(Watt)			165	208	258	317	386	464	554
	2   P absorbée	(W)			181	205	230	254	280	309	340
	3   I absorbée	(A)			1.44	1.50	1.57	1.64	1.72	1.81	1.91

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

**Nota : Tecumseh se réserve le droit de modifier les informations contenues dans ce document sans préavis.**

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