



Compressor
Voltage Code : XC

FH4532Z-XC

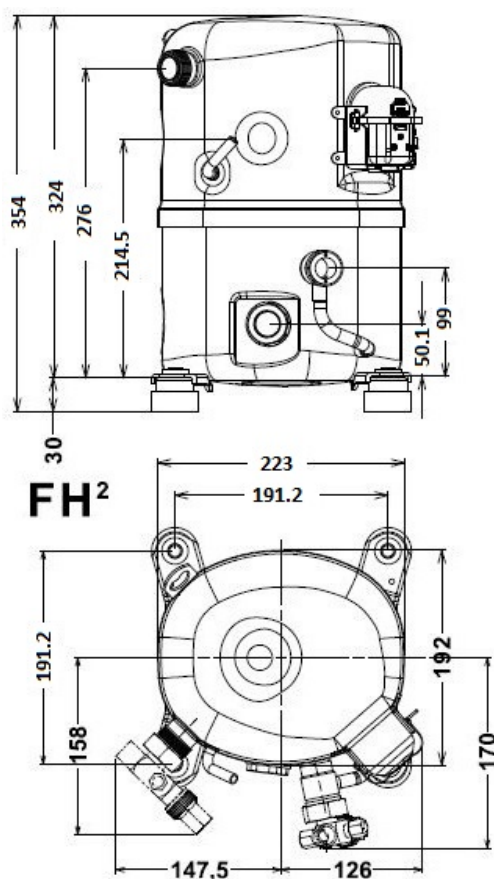
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

FH4532Z-XC3A

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
CECOMAF / R452A	50 Hz	6156	20992	74 dBA
CECOMAF / R404A	50 Hz	6156	20991	74 dBA
CECOMAF / R448A	50 Hz	6133	20913	74 dBA
CECOMAF / R449A	50 Hz	6140	20937	74 dBA



Displacement (cc)	50,6
Net Weight (Kg)	32.0
Oil Quantity (cc)	1140.0
Oil Type	Polyolester
Expansion Device	Capillary_Tube/Expansion_Valve
Cooling	Fan
Main Winding (Ohm)	0.83
Start Winding (Ohm)	2.52
Current	
RLA (A)	12.2
MCC (A)	21.5
LRA (A)	85
Electrical Equipment	CSR
Overload	Interne
Start Capacitor	125 µF / 330 V
Run Capacitor	50 µF / 400 V
Potential Relay	RVA4G**
Pick Up	180/195V
Drop Out	40/105V
Refrigerating connection for	
Suction Tube	22.2 (7/8")
Discharge Tube	12.7 (1/2")
Process Tube	6.35 (1/4")

* CECOMAF : T°Cond. 55.0°C / T°Evap. 5.0°C / T°Return gas temp.. 32.0°C
T°Subcooling. 0.0K

Certificates :



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

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Les performances sont données dans les conditions CECOMAF :	Gaz aspirés :	32.0 °C
Condition Dew	Sous refroidissement :	0.0 K
The performance data are in CECOMAF conditions :	Return gas :	32.0 °C
Dew Condition	Subcooling :	0.0 K

50 Hz R452A											
											N°User-210
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)		3177	4167	5329	6686	8263	10082	12168	14544
	2 P absorbée	(W)		1436	1555	1651	1729	1793	1848	1899	1950
	3 I absorbée	(A)		6.57	7.09	7.50	7.80	8.00	8.11	8.13	8.07
40	1 P frigorifique	(Watt)			3372	4389	5565	6924	8490	10288	12343
	2 P absorbée	(W)			1676	1826	1950	2053	2140	2216	2286
	3 I absorbée	(A)			7.66	8.35	8.93	9.39	9.75	10.0	10.2
50	1 P frigorifique	(Watt)				3472	4469	5612	6927	8439	10176
	2 P absorbée	(W)				1947	2131	2286	2419	2533	2633
	3 I absorbée	(A)				8.90	9.77	10.5	11.2	11.7	12.1
60	1 P frigorifique	(Watt)					3394	4326	5394	6625	8049
	2 P absorbée	(W)					2260	2481	2672	2837	2982
	3 I absorbée	(A)					10.3	11.3	12.3	13.1	13.8

50 Hz R404A											
											N°User-209
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	2527	3363	4354	5521	6885	8469	10296	12387	14766
	2 P absorbée	(W)	1380	1528	1647	1740	1812	1864	1900	1923	1935
	3 I absorbée	(A)	6.36	7.00	7.51	7.90	8.17	8.31	8.34	8.24	8.02
40	1 P frigorifique	(Watt)		2669	3541	4550	5717	7065	8618	10399	12433
	2 P absorbée	(W)		1597	1773	1919	2040	2138	2215	2275	2321
	3 I absorbée	(A)		7.32	8.11	8.79	9.34	9.77	10.1	10.3	10.3
50	1 P frigorifique	(Watt)			2742	3597	4571	5687	6969	8443	10137
	2 P absorbée	(W)			1844	2050	2226	2375	2500	2604	2689
	3 I absorbée	(A)			8.42	9.38	10.2	10.9	11.5	12.0	12.4
60	1 P frigorifique	(Watt)				2660	3445	4333	5351	6524	7884
	2 P absorbée	(W)				2138	2376	2582	2760	2914	3045
	3 I absorbée	(A)				9.67	10.8	11.8	12.7	13.4	14.1

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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FH4532Z-XC	Tension XC : 220 - 240V 1~ 50 Hz
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Les performances sont données dans les conditions CECOMAF :	Gaz aspirés :	32.0 °C
Condition Dew	Sous refroidissement :	0.0 K
The performance data are in CECOMAF conditions :	Return gas :	32.0 °C
Dew Condition	Subcooling :	0.0 K

50 Hz R448A (*)											
											N°User-212
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	2054	2835	3771	4888	6211	7766	9576	11668	14067
	2 P absorbée	(W)	1215	1348	1460	1552	1626	1683	1725	1753	1769
	3 I absorbée	(A)	5.60	6.17	6.66	7.04	7.33	7.51	7.57	7.51	7.33
40	1 P frigorifique	(Watt)		2255	3089	4072	5228	6583	8162	9992	12099
	2 P absorbée	(W)		1413	1577	1717	1837	1936	2017	2081	2130
	3 I absorbée	(A)		6.48	7.22	7.86	8.41	8.85	9.18	9.40	9.49
50	1 P frigorifique	(Watt)			2424	3280	4276	5439	6795	8371	10193
	2 P absorbée	(W)			1644	1843	2017	2169	2298	2408	2499
	3 I absorbée	(A)			7.50	8.43	9.25	9.98	10.6	11.1	11.5
60	1 P frigorifique	(Watt)				2521	3367	4346	5487	6816	8363
	2 P absorbée	(W)				1923	2163	2376	2564	2730	2873
	3 I absorbée	(A)				8.70	9.83	10.9	11.8	12.6	13.3

50 Hz R449A (*)											
											N°User-211
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	2056	2837	3774	4892	6216	7771	9583	11676	14076
	2 P absorbée	(W)	1215	1348	1460	1552	1626	1683	1725	1753	1769
	3 I absorbée	(A)	5.60	6.17	6.66	7.04	7.33	7.51	7.57	7.51	7.33
40	1 P frigorifique	(Watt)		2257	3092	4076	5232	6588	8169	10000	12108
	2 P absorbée	(W)		1413	1577	1717	1837	1936	2017	2081	2130
	3 I absorbée	(A)		6.48	7.22	7.86	8.41	8.85	9.18	9.40	9.49
50	1 P frigorifique	(Watt)			2426	3283	4281	5445	6802	8379	10203
	2 P absorbée	(W)			1644	1843	2017	2169	2298	2408	2499
	3 I absorbée	(A)			7.50	8.43	9.25	9.98	10.6	11.1	11.5
60	1 P frigorifique	(Watt)				2525	3371	4352	5493	6824	8372
	2 P absorbée	(W)				1923	2163	2376	2564	2730	2873
	3 I absorbée	(A)				8.70	9.83	10.9	11.8	12.6	13.3

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