



THB4422YFZ
200-240V 1~

Tecumseh Europe - Headquarter
Tel: +33 (0) 4 74 82 24 00
www.tecumseh.com

Selection program

Operating conditions : EN12900

Application : HBP
Refrigerant : R134a
Frequency : 50HZ
Voltage : 200-240V 1~

Return gas temp. : 20.0 °C
Superheat : -
Subcooling : 0.00 K
Liquid : -

Evaporating	5.00	°C
Condensing	50.0	°C
Refrig. Capacity	453	Watt
Power Input	252	Watt
Amps	1.58	A
C.O.P	1.80	(Watt/W)
Mass flow	11.4	Kg/h



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Cond.	Evap (°C)	-25	-20	-15	-10	-5	0	5	10	15
30	Refrig. Capacity (Watt)	142	174	217	270	335	412	501	603	718
	Power Input (Watt)	131	141	153	167	182	197	213	229	244
	Amps (A)	1.31	1.32	1.34	1.37	1.40	1.44	1.48	1.52	1.57
40	Refrig. Capacity (Watt)	128	160	202	255	318	392	478	576	687
	Power Input (Watt)	138	150	163	179	196	214	232	251	270
	Amps (A)	1.30	1.32	1.34	1.38	1.42	1.46	1.52	1.58	1.64
45	Refrig. Capacity (Watt)		154	196	247	309	382	466	562	670
	Power Input (Watt)		153	167	184	203	222	242	263	283
	Amps (A)		1.32	1.35	1.39	1.43	1.48	1.55	1.61	1.69
50	Refrig. Capacity (Watt)		148	189	239	300	371	453	547	652
	Power Input (Watt)		155	171	189	209	230	252	275	297
	Amps (A)		1.32	1.36	1.40	1.45	1.51	1.58	1.65	1.73
55	Refrig. Capacity (Watt)			181	230	289	359	438	529	632
	Power Input (Watt)			174	194	216	239	263	287	312
	Amps (A)			1.36	1.41	1.47	1.53	1.61	1.69	1.78
60	Refrig. Capacity (Watt)			172	220	277	344	422	510	609
	Power Input (Watt)			177	199	222	248	274	301	328
	Amps (A)			1.37	1.42	1.49	1.56	1.64	1.74	1.84
70	Refrig. Capacity (Watt)				193	246	308	379	460	551
	Power Input (Watt)				209	237	267	298	330	363
	Amps (A)				1.45	1.52	1.61	1.71	1.82	1.94