

Tecumseh Europe - Headquarter

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Selection program

Operating conditions : Custom

Application : Low Temp Refrigeration

Refrigerant : R452A

Frequency : 50HZ

Voltage :

Return gas temp. : -15.0 °C

Superheat : 7.00 K

Subcooling : 1.00 K

Liquid : 32.5 °C

Cond.	Evap	(°C)	-40	-35	-30	-25	-20	-15	-10
30	Refrig. Capacity	(Watt)	1053	1683	2505	3555	4870	6491	8462
	Power Input	(Watt)	1295	1635	1980	2334	2697	3071	3459
	Amps	(A)	3.14	3.45	3.82	4.22	4.68	5.18	5.74
35	Refrig. Capacity	(Watt)	826	1399	2147	3105	4312	5808	7637
	Power Input	(Watt)	1214	1580	1955	2340	2736	3147	3572
	Amps	(A)	3.02	3.38	3.78	4.23	4.73	5.27	5.86
40	Refrig. Capacity	(Watt)	612	1125	1797	2662	3760	5128	6812
	Power Input	(Watt)	1113	1505	1908	2324	2753	3199	3662
	Amps	(A)	2.87	3.28	3.72	4.21	4.75	5.32	5.95
45	Refrig. Capacity	(Watt)	415	867	1461	2233	3218	4458	5995
	Power Input	(Watt)	991	1409	1839	2285	2746	3227	3727
	Amps	(A)	2.71	3.15	3.64	4.17	4.74	5.36	6.02
50	Refrig. Capacity	(Watt)		631	1147	1823	2695	3803	5190
	Power Input	(Watt)		1289	1746	2221	2715	3229	3765
	Amps	(A)		3.00	3.53	4.10	4.71	5.36	6.06
55	Refrig. Capacity	(Watt)		422	859	1438	2194	3169	4405
	Power Input	(Watt)		1145	1629	2132	2656	3204	3775
	Amps	(A)		2.83	3.40	4.00	4.65	5.34	6.07
60	Refrig. Capacity	(Watt)			602	1083	1724	2563	3645
	Power Input	(Watt)			1485	2016	2570	3150	3757
	Amps	(A)			3.24	3.88	4.57	5.29	6.05