

Aspen Compressor, LLC
Performance Chart
Model# 5.6cc Horizontal Series
Refrigerant: HFC-134a
CAPACITY (WATTS)

Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
100	1200	87	140	194	274	355	449	543
	3000	234	351	468	645	822	1047	1273
	4000	318	471	625	844	1063	1374	1685
	4500	360	532	703	943	1183	1537	1891
	5000	405	589	773	1039	1305	1688	2071
	6000	495	705	914	1231	1549	1990	2431

Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
120	1200	81	120	160	225	290	402	516
	3000	216	315	413	569	725	953	1180
	4000	297	434	572	776	980	1262	1544
	4500	338	494	651	879	1107	1416	1726
	5000	377	548	719	971	1223	1555	1888
	6000	457	655	854	1154	1454	1833	2213

Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
140	1200	76	101	127	186	246	374	510
	3000	198	277	356	499	643	859	1075
	4000	260	380	501	698	894	1179	1463
	4500	291	432	573	797	1020	1339	1657
	5000	329	486	642	885	1127	1437	1747
	6000	405	592	780	1061	1342	1634	1926

Note: all data points are with 10°F Superheat and 8°F Subcooling with HFC-134a

Refrigerant: HFC-134a
CAPACITY (BTU/hr)

Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
	1200							
100	1200	296	478	662	936	1212	1534	1856
	3000	800	1198	1597	2202	2807	3577	4347
	4000	1086	1610	2133	2881	3629	4692	5754
	4500	1229	1815	2401	3221	4040	5249	6457
	5000	1384	2012	2641	3549	4457	5765	7072
	6000	1692	2406	3120	4206	5291	6796	8301

Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
	1200	275	410	546	769	992	1374	1762
120	1200	275	410	546	769	992	1374	1762
	3000	738	1074	1411	1944	2476	3254	4031
	4000	1015	1483	1952	2649	3347	4310	5272
	4500	1153	1688	2223	3002	3782	4838	5893
	5000	1289	1871	2454	3315	4177	5312	6448
	6000	1559	2238	2916	3941	4966	6261	7557

Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
	1200	260	346	433	635	839	1279	1743
140	1200	260	346	433	635	839	1279	1743
	3000	676	945	1215	1706	2197	2935	3673
	4000	888	1299	1710	2382	3054	4026	4997
	4500	994	1476	1958	2721	3483	4572	5660
	5000	1123	1658	2193	3022	3850	4908	5966
	6000	1382	2022	2663	3623	4583	5580	6578

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COEFFICIENT OF PERFORMANCE

Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
100	1200	1.22	1.84	2.46	3.47	4.61	6.50	8.44
	3000	1.39	1.97	2.55	3.48	4.40	6.07	7.73
	4000	1.49	2.05	2.61	3.48	4.35	5.96	7.58
	4500	1.54	2.09	2.63	3.48	4.32	5.91	7.50
	5000	1.55	2.08	2.61	3.43	4.25	5.72	7.19
	6000	1.57	2.08	2.58	3.34	4.10	5.34	6.58

Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
120	1200	0.98	1.27	1.53	2.06	2.58	3.62	4.62
	3000	1.10	1.45	1.80	2.34	2.87	3.77	4.66
	4000	1.17	1.55	1.93	2.47	3.01	3.85	4.69
	4500	1.21	1.60	1.99	2.54	3.08	3.89	4.70
	5000	1.23	1.61	2.00	2.54	3.07	3.85	4.63
	6000	1.26	1.63	2.01	2.53	3.06	3.78	4.49

Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
140	1200	0.76	0.88	0.97	1.41	1.73	2.22	2.71
	3000	0.82	1.04	1.26	1.64	2.02	2.57	3.12
	4000	0.85	1.13	1.40	1.80	2.20	2.77	3.34
	4500	0.87	1.17	1.46	1.87	2.28	2.87	3.45
	5000	0.90	1.19	1.48	1.89	2.29	2.80	3.31
	6000	0.95	1.24	1.52	1.91	2.29	2.66	3.03

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Performance Chart
Model# 5.6cc Horizontal Series
Refrigerant: HFC-134a
INPUT POWER (WATTS)

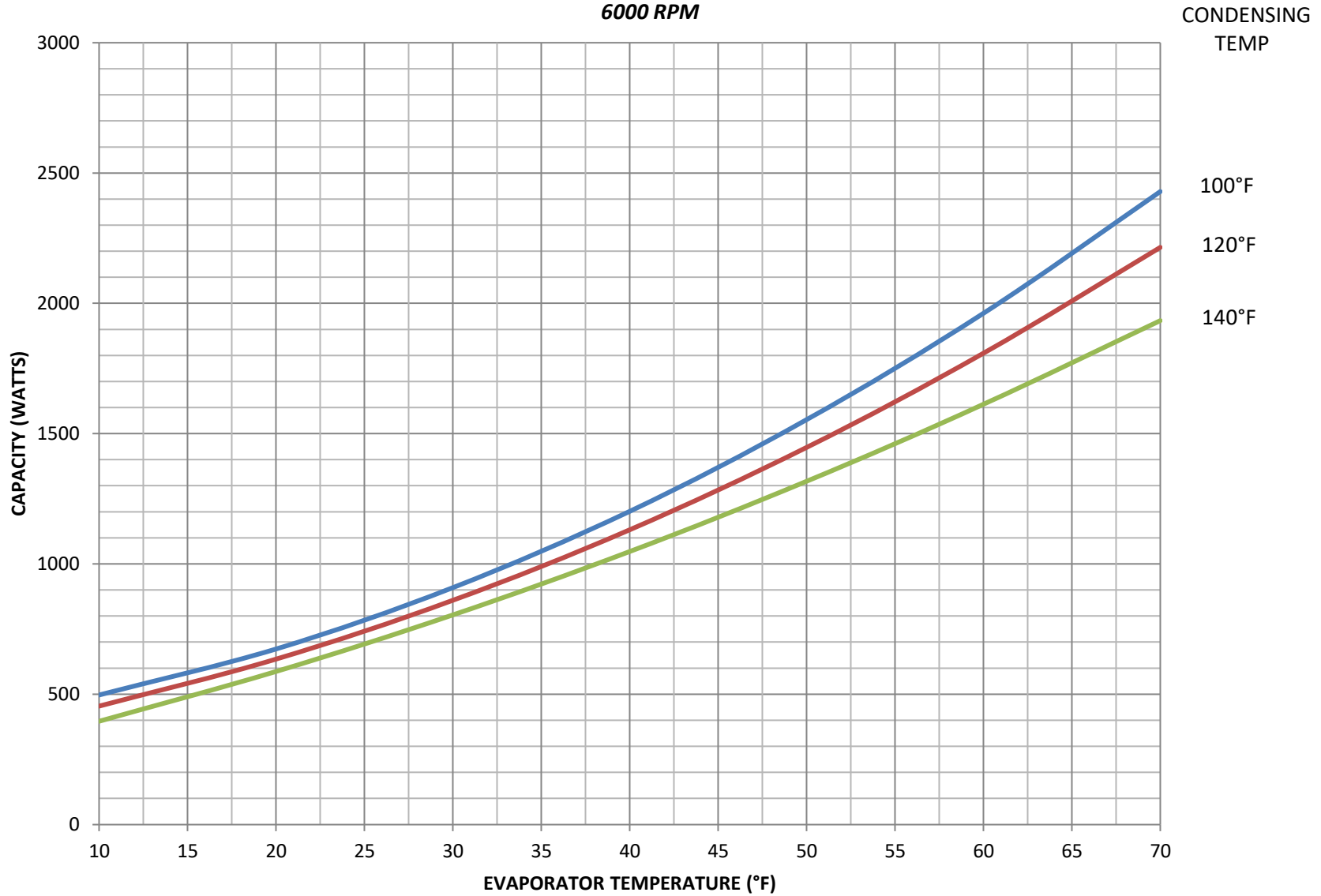
Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
100	1200	71	76	79	79	77	69	64
	3000	168	178	183	185	187	173	165
	4000	213	230	240	243	244	230	222
	4500	233	255	267	271	274	260	252
	5000	261	283	296	303	307	295	288
	6000	315	339	354	369	378	373	369

Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
120	1200	83	94	104	109	112	111	112
	3000	196	217	230	244	252	253	253
	4000	253	280	296	314	325	328	329
	4500	279	309	327	347	360	364	367
	5000	308	340	360	383	398	404	408
	6000	363	401	426	455	475	485	493

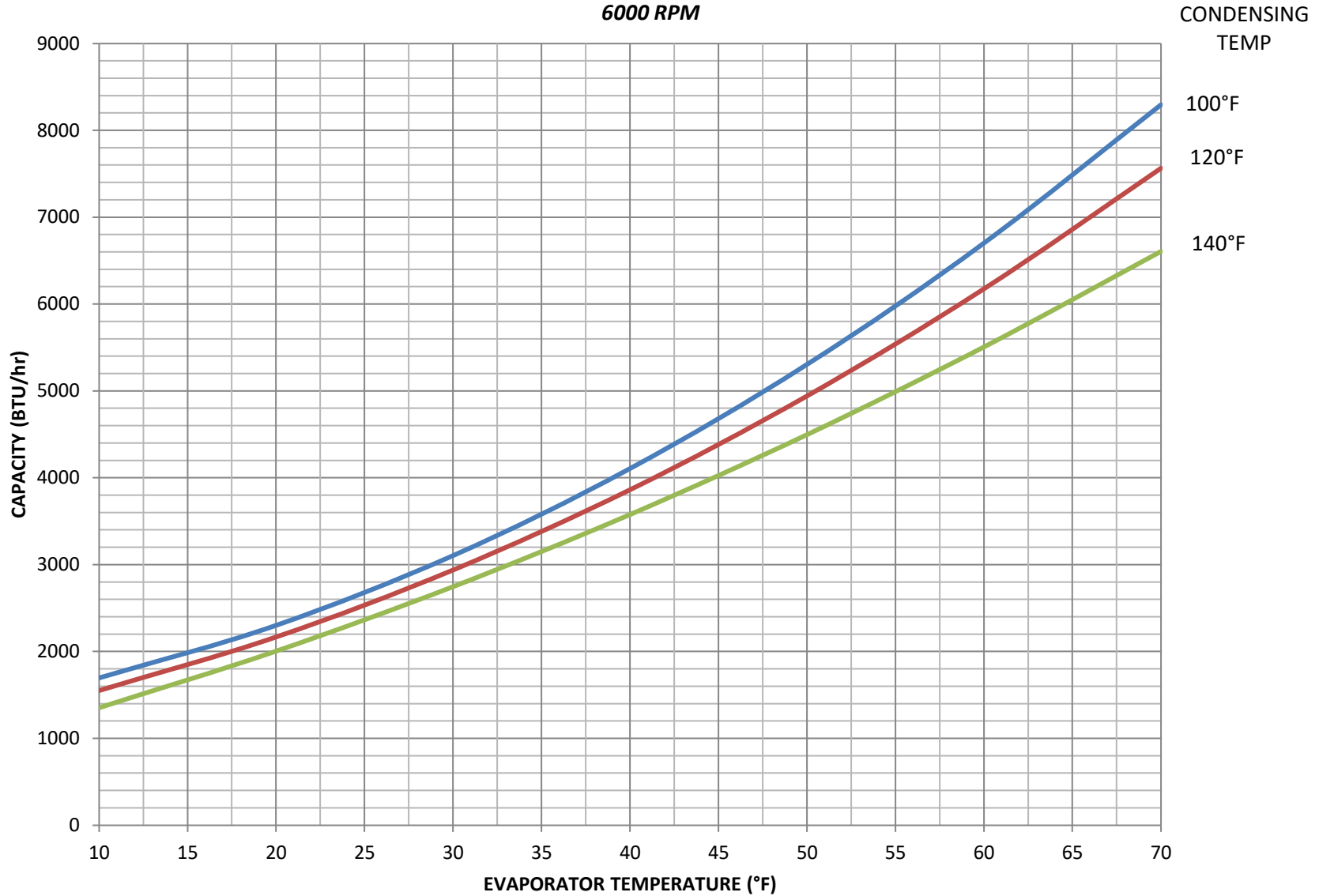
Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
140	1200	101	115	130	132	142	169	189
	3000	241	266	282	304	318	334	345
	4000	305	338	359	388	407	426	438
	4500	335	370	392	425	447	467	481
	5000	367	408	433	469	493	514	528
	6000	426	479	512	556	585	614	636

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ASPEN COMPRESSOR, LLC.
Model # 5.6cc Horizontal Series
HFC-134a
6000 RPM



ASPEN COMPRESSOR, LLC.
Model # 5.6cc Twin Series
HFC-134a
6000 RPM



ASPEN COMPRESSOR, LLC.
Model # 5.6cc Horizontal Series
HFC-134a
6000 RPM

