

Aspen Compressor, LLC
Performance Chart
Model# 7.6cc 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	91	165	250	360	505	665	839
	3000	328	479	630	852	1074	1383	1692
	4000	463	654	845	1115	1385	1779	2173
	4500	530	741	952	1246	1540	1977	2414
	5000	595	826	1057	1378	1699	2174	2649
	6000	726	996	1266	1642	2018	2569	3120

Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
120	1200	110	152	227	320	427	558	700
	3000	288	429	570	763	956	1223	1490
	4000	400	584	767	1006	1245	1616	1987
	4500	456	661	866	1128	1390	1813	2236
	5000	522	741	960	1249	1538	1990	2443
	6000	654	901	1148	1491	1834	2345	2856

Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
140	1200	39	83	140	205	284	383	496
	3000	228	341	454	634	814	1068	1322
	4000	339	505	671	890	1109	1445	1781
	4500	394	587	780	1018	1256	1633	2010
	5000	453	654	855	1096	1337	1700	2062
	6000	570	788	1006	1253	1500	1833	2167

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

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Performance Chart
Model# 7.6cc Horizontal Series
Refrigerant: HFC-134a
CAPACITY (BTU/hr)

Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
100	1200	310	564	855	1229	1724	2271	2865
	3000	1120	1636	2152	2910	3668	4723	5778
	4000	1580	2232	2885	3807	4729	6076	7422
	4500	1810	2531	3251	4255	5259	6752	8244
	5000	2033	2821	3609	4706	5804	7426	9048
	6000	2479	3402	4324	5608	6892	8774	10655

Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
120	1200	375	519	774	1093	1458	1906	2390
	3000	984	1465	1947	2606	3265	4177	5089
	4000	1366	1993	2621	3437	4253	5520	6787
	4500	1557	2257	2958	3852	4747	6192	7636
	5000	1783	2531	3279	4266	5253	6797	8342
	6000	2234	3077	3921	5092	6263	8009	9754

Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
140	1200	135	284	478	700	969	1308	1695
	3000	779	1165	1550	2165	2780	3647	4515
	4000	1157	1725	2293	3040	3786	4934	6081
	4500	1346	2005	2664	3477	4289	5577	6865
	5000	1546	2234	2921	3744	4567	5805	7043
	6000	1947	2691	3436	4279	5121	6260	7399

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

Model# 7.6cc Horizontal Series
Refrigerant: HFC-134a
COEFFICIENT OF PERFORMANCE

Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
100	1200	1.28	1.92	2.56	3.65	4.73	7.01	9.42
	3000	1.58	2.18	2.78	3.76	4.74	6.79	8.84
	4000	1.71	2.30	2.89	3.82	4.74	6.64	8.53
	4500	1.78	2.37	2.95	3.85	4.74	6.56	8.37
	5000	1.81	2.38	2.95	3.80	4.66	6.36	8.06
	6000	1.88	2.41	2.94	3.71	4.49	5.96	7.44

Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
120	1200	1.01	1.41	1.82	2.44	3.06	3.85	4.68
	3000	1.18	1.58	1.99	2.56	3.14	4.04	4.95
	4000	1.27	1.68	2.09	2.63	3.17	4.15	5.12
	4500	1.32	1.73	2.13	2.66	3.19	4.20	5.20
	5000	1.36	1.75	2.14	2.67	3.19	4.13	5.06
	6000	1.43	1.80	2.16	2.67	3.19	3.99	4.79

Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
140	1200	0.56	0.79	0.90	1.38	1.73	2.39	2.94
	3000	0.79	1.04	1.29	1.67	2.05	2.61	3.17
	4000	0.91	1.21	1.50	1.85	2.20	2.76	3.32
	4500	0.97	1.29	1.61	1.94	2.27	2.84	3.40
	5000	1.00	1.29	1.59	1.90	2.21	2.74	3.27
	6000	1.05	1.30	1.56	1.82	2.08	2.55	3.01

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

Aspen Compressor, LLC
Performance Chart
Model# 7.6cc Horizontal Series
Refrigerant: HFC-134a
INPUT POWER (WATTS)

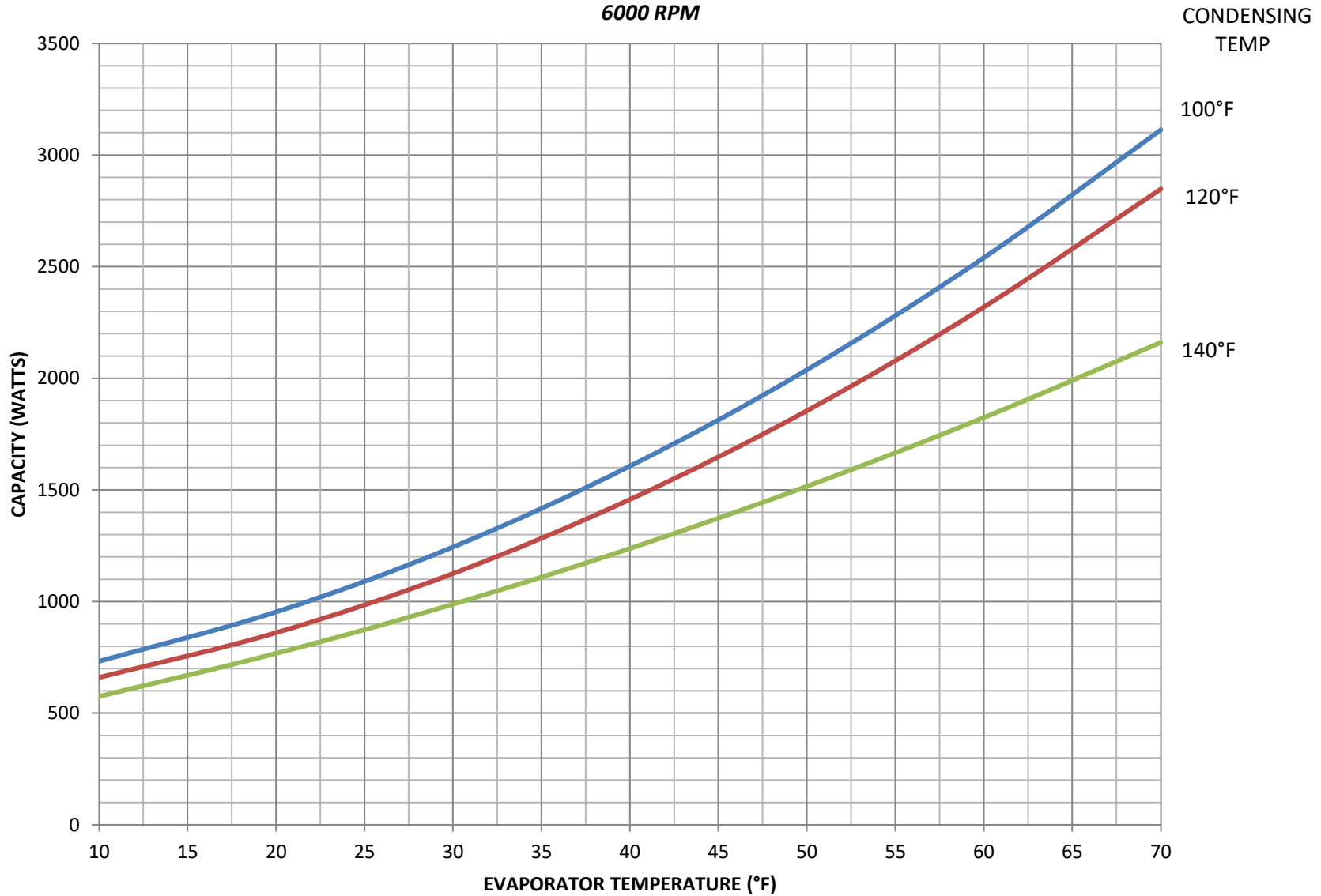
Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
100	3000	71	86	98	99	107	95	89
	3000	208	220	227	227	227	204	191
	4000	270	284	292	292	292	268	255
	4500	297	313	323	324	325	301	288
	5000	328	347	359	362	365	342	329
	6000	387	414	431	442	449	431	420

Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
120	3000	109	108	124	131	139	145	150
	3000	245	271	287	298	305	303	301
	4000	315	348	368	383	392	390	388
	4500	345	383	406	423	435	432	430
	5000	384	423	448	468	482	482	482
	6000	456	502	532	557	575	587	596

Condenser Temperature (°F)	Compressor Speed (RPM)	Evaporator Temperature (°F)						
		10	20	30	40	50	60	70
140	3000	70	105	155	149	164	160	169
	3000	287	327	351	379	397	409	417
	4000	372	419	447	481	504	523	536
	4500	407	456	485	524	552	575	591
	5000	454	505	537	577	605	620	630
	6000	543	604	645	688	720	720	720

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ASPEN COMPRESSOR, LLC.
Model # 7.6cc Horizontal Series
HFC-134a
6000 RPM



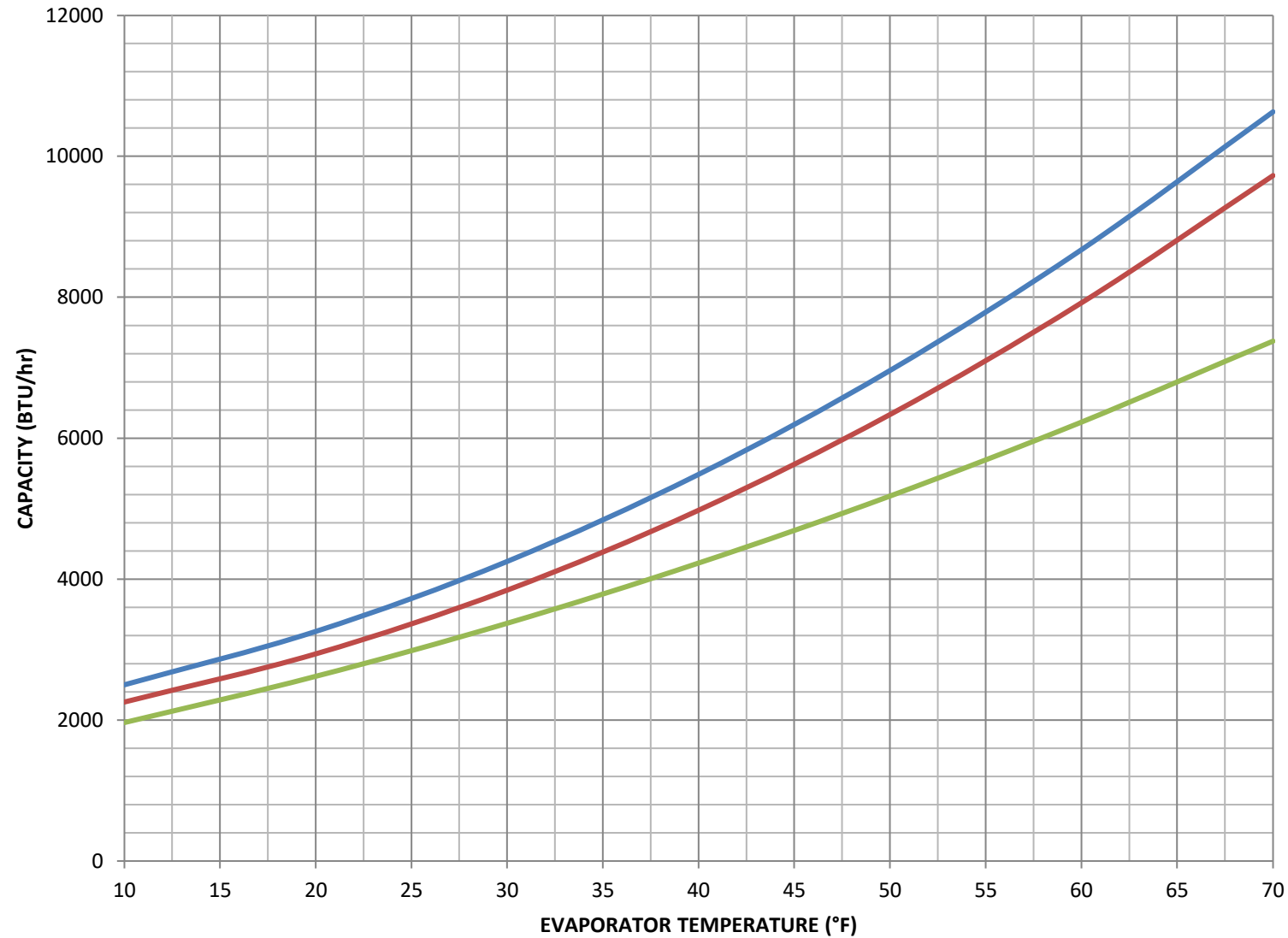
ASPEN COMPRESSOR, LLC.
Model # 7.6cc Horizontal Series
HFC-134a
6000 RPM

CONDENSING
TEMP

100°F

120°F

140°F



ASPEN COMPRESSOR, LLC.
Model # 7.6cc Horizontal Series
HFC-134a
6000 RPM

