

## *Aspen Compressor, LLC*

Performance Chart  
**Model# T28-24-XXXX**  
**Refrigerant: R-290**  
**CAPACITY (WATTS)**

Condenser Temperature (°C)	Compressor Speed (RPM)	Evaporator Temperature (°C)									
		-20	-15	-10	-5	0	5	10	15	20	
35	2000	92	122	160	200	248	301	367	434	520	
	3000	148	190	244	307	380	461	560	667	802	
	4000	204	263	331	412	506	610	738	893	1086	
	5000	263	336	419	520	637	771	934	1128	1367	
	6000	323	409	511	628	770	932	1138	1371	1645	

Condenser Temperature (°C)	Compressor Speed (RPM)	Evaporator Temperature (°C)									
		-20	-15	-10	-5	0	5	10	15	20	
43	2000		113	145	180	226	278	339	401	487	
	3000	137	169	222	278	346	426	518	614	741	
	4000	175	235	307	385	470	568	683	821	975	
	5000	236	303	386	485	595	717	860	1031	1218	
	6000	292	375	470	585	714	871	1039	1246	1483	

Condenser Temperature (°C)	Compressor Speed (RPM)	Evaporator Temperature (°C)									
		-20	-15	-10	-5	0	5	10	15	20	
50	2000				160	206	252	310	382	454	
	3000			188	252	318	389	472	574	678	
	4000			272	346	432	531	637	766	904	
	5000			356	446	545	669	801	954	1133	
	6000			437	547	657	800	964	1146	1369	

Note: all data points are with 5K Superheat and 5K Subcooling with R-290

Over Discharge Temperature Limit

## *Aspen Compressor, LLC*

Performance Chart  
**Model# T28-24-XXXX**  
**Refrigerant: R-290**  
**Input Power (WATTS)**

Condenser Temperature (°C)	Compressor Speed (RPM)	Evaporator Temperature (°C)								
		-20	-15	-10	-5	0	5	10	15	20
35	2000	89	95	97	98	95	92	84	72	59
	3000	116	122	125	126	123	119	110	98	85
	4000	149	156	158	160	157	152	141	128	115
	5000	184	192	196	197	195	187	175	161	147
	6000	223	230	237	238	235	226	213	198	184

Condenser Temperature (°C)	Compressor Speed (RPM)	Evaporator Temperature (°C)								
		-20	-15	-10	-5	0	5	10	15	20
43	2000		109	115	118	120	118	113	103	91
	3000	132	144	151	154	156	154	148	136	123
	4000	170	182	191	195	198	194	186	172	156
	5000	211	223	233	238	240	236	227	211	193
	6000	253	266	276	281	282	279	271	254	234

Condenser Temperature (°C)	Compressor Speed (RPM)	Evaporator Temperature (°C)								
		-20	-15	-10	-5	0	5	10	15	20
50	2000				142	150	151	146	140	127
	3000			175	185	192	193	189	181	168
	4000			220	230	237	237	233	224	210
	5000			266	275	282	284	279	269	254
	6000			314	322	329	331	329	318	301

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Over Discharge Temperature Limit

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Performance Chart  
 Model# T28-24-XXXX  
 Refrigerant: R-290  
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Condenser Temperature (°C)	Compressor Speed (RPM)	Evaporator Temperature (°C)									
		-20	-15	-10	-5	0	5	10	15	20	
35	2000	1.04	1.29	1.65	2.04	2.60	3.27	4.37	6.02	8.82	
	3000	1.28	1.55	1.95	2.44	3.09	3.86	5.08	6.80	9.43	
	4000	1.37	1.69	2.09	2.58	3.22	4.02	5.24	6.97	9.44	
	5000	1.42	1.75	2.14	2.64	3.27	4.12	5.35	7.03	9.30	
	6000	1.45	1.77	2.16	2.64	3.28	4.13	5.35	6.94	8.97	

Condenser Temperature (°C)	Compressor Speed (RPM)	Evaporator Temperature (°C)									
		-20	-15	-10	-5	0	5	10	15	20	
43	2000		1.03	1.25	1.52	1.89	2.35	3.00	3.91	5.38	
	3000	1.04	1.17	1.47	1.80	2.21	2.77	3.51	4.51	6.05	
	4000	1.03	1.29	1.61	1.97	2.38	2.93	3.68	4.78	6.27	
	5000	1.12	1.36	1.66	2.04	2.48	3.05	3.79	4.89	6.32	
	6000	1.16	1.41	1.70	2.08	2.53	3.13	3.84	4.91	6.33	

Condenser Temperature (°C)	Compressor Speed (RPM)	Evaporator Temperature (°C)									
		-20	-15	-10	-5	0	5	10	15	20	
50	2000				1.13	1.38	1.67	2.12	2.74	3.57	
	3000			1.07	1.37	1.66	2.01	2.50	3.17	4.03	
	4000			1.24	1.51	1.83	2.24	2.74	3.43	4.31	
	5000			1.34	1.62	1.93	2.36	2.87	3.55	4.47	
	6000			1.39	1.70	2.00	2.42	2.93	3.60	4.55	

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Over Discharge Temperature Limit