

General

AWS2512ZKZ

Model AWS2512ZKZ Unit of Measure Fahrenheit
 Condition ARI(R-404A) Voltage/Frequency 220V 3~ 50HZ
 RETURN GAS 10K (18°F) SUPERHEAT MotorType 3PH

Performance Information

EVAP TEMP (°F)	Condensing Temperature (°F)						
	90	100	110	120	130	140	
-40	Btu/h	4880	4670	4280			
	Watts	1400	1430	1450			
	Amps	5.12	5.19	5.25			
	Lb/h	83.3	79.6	73.1			
-35	Btu/h	5580	5200	4710	4020		
	Watts	1470	1500	1520	1530		
	Amps	5.35	5.41	5.47	5.51		
	Lb/h	99.8	95.1	88.4	79.7		
-30	Btu/h	6570	5990	5370	4620	3660	
	Watts	1570	1600	1630	1640	1640	
	Amps	5.63	5.70	5.75	5.80	5.84	
	Lb/h	119	113	106	97.5	87.7	
-25	Btu/h	7830	7030	6250	5410	4440	3240
	Watts	1690	1730	1760	1780	1780	1770
	Amps	5.96	6.03	6.10	6.15	6.20	6.23
	Lb/h	141	134	126	118	108	98.7
-20	Btu/h	9360	8290	7330	6370	5350	4180
	Watts	1830	1870	1900	1930	1950	1960
	Amps	6.33	6.41	6.49	6.57	6.63	6.67
	Lb/h	167	159	150	140	131	123
-15	Btu/h	11100	9770	8590	7490	6390	5220
	Watts	1980	2020	2060	2100	2130	2160
	Amps	6.72	6.83	6.93	7.02	7.11	7.18
	Lb/h	196	186	176	166	157	149
-10	Btu/h	13100	11400	10000	8740	7540	6340
	Watts	2140	2180	2230	2280	2330	2370
	Amps	7.13	7.27	7.40	7.52	7.63	7.74
	Lb/h	229	217	206	195	186	178
-5	Btu/h	15300	13300	11600	10100	8780	7520
	Watts	2300	2340	2400	2460	2530	2580
	Amps	7.55	7.72	7.88	8.04	8.19	8.33
	Lb/h	267	252	239	227	218	210
0	Btu/h	17700	15300	13300	11600	10100	8740
	Watts	2450	2500	2570	2650	2720	2800
	Amps	7.97	8.18	8.38	8.59	8.78	8.96
	Lb/h	308	291	276	263	253	245
5	Btu/h	20200	17400	15100	13100	11500	9990
	Watts	2600	2660	2730	2820	2920	3010
	Amps	8.37	8.63	8.89	9.14	9.38	9.62
	Lb/h	354	334	317	303	292	284
10	Btu/h	22900	19700	17000	14800	12900	11300
	Watts	2730	2800	2880	2990	3100	3220
	Amps	8.76	9.07	9.38	9.69	9.99	10.3
	Lb/h	404	382	363	347	335	326
15	Btu/h	25800	22100	19000	16400	14300	12500
	Watts	2840	2920	3020	3130	3270	3410
	Amps	9.11	9.49	9.86	10.2	10.6	11.0
	Lb/h	460	434	413	395	381	372

	COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	6.946394E+04	3.262421E+03	6.227065E+00	5.178867E+02	
C2	1.823221E+03	4.875060E+01	9.570225E-03	1.852095E+01	
C3	-1.000903E+03	-2.855046E+01	1.460299E-02	-2.616992E+00	
C4	8.536283E+00	-3.620112E-01	-1.427242E-03	1.288344E-01	
C5	-2.113281E+01	-5.093812E-01	7.429891E-04	-1.619164E-01	
C6	5.943221E+00	2.831216E-01	8.295567E-05	2.249531E-04	
C7	-2.330928E-02	-6.902859E-03	-1.278529E-05	3.193390E-04	
C8	-5.710249E-02	1.988972E-03	1.338237E-05	-4.298698E-04	
C9	7.058111E-02	3.360027E-03	7.636090E-07	5.878203E-04	
C10	-1.351459E-02	-7.336779E-04	-3.399225E-07	3.250198E-05	

$$\text{Value} = C1 + C2 * \text{Te} + C4 * \text{Te}^2 + C7 * \text{Te}^3 + (C3 + C5 * \text{Te} + C8 * \text{Te}^2) * \text{Tc} + (C6 + C9 * \text{Te}) * \text{Tc}^2 + C10 * \text{Tc}^3$$

Te = Evaporator Temperature

Tc = Condensing Temperature

AWS2512ZKZ

General

Performance Data Sheet

Model AWS2512ZKZ **Unit of Measure** Fahrenheit
Condition ARI(R-404A) **Voltage/Frequency** 220V 3~ 60HZ
RETURN GAS 10K (18°F) SUPERHEAT **MotorType** 3PH

Performance Information

EVAP TEMP (°F)	Condensing Temperature (°F)						
	90	100	110	120	130	140	
-40	Btu/h	5670	5520	5200			
	Watts	1640	1680	1710			
	Amps	5.43	5.50	5.55			
	Lb/h	97.2	93.8	87.6			
-35	Btu/h	6460	6080	5610	4940		
	Watts	1720	1760	1790	1800		
	Amps	5.67	5.73	5.78	5.82		
	Lb/h	116	111	104	95.4		
-30	Btu/h	7610	6960	6320	5550	4520	
	Watts	1840	1880	1910	1930	1920	
	Amps	5.97	6.04	6.09	6.13	6.16	
	Lb/h	138	132	124	115	104	
-25	Btu/h	9080	8150	7300	6400	5320	3950
	Watts	1990	2020	2060	2080	2090	2080
	Amps	6.32	6.39	6.46	6.51	6.55	6.59
	Lb/h	164	156	148	138	128	116
-20	Btu/h	10900	9620	8530	7470	6320	4950
	Watts	2150	2190	2230	2270	2290	2300
	Amps	6.71	6.80	6.88	6.95	7.01	7.07
	Lb/h	194	184	174	164	154	143
-15	Btu/h	12900	11300	10000	8750	7490	6080
	Watts	2330	2370	2420	2460	2500	2530
	Amps	7.12	7.23	7.34	7.43	7.52	7.61
	Lb/h	229	216	205	194	184	173
-10	Btu/h	15300	13300	11700	10200	8800	7340
	Watts	2510	2560	2620	2670	2730	2780
	Amps	7.55	7.70	7.83	7.96	8.08	8.20
	Lb/h	267	253	240	228	217	207
-5	Btu/h	17800	15500	13500	11800	10200	8690
	Watts	2700	2750	2820	2890	2960	3030
	Amps	8.00	8.18	8.35	8.51	8.68	8.83
	Lb/h	311	294	279	265	254	244
0	Btu/h	20600	17800	15500	13500	11800	10100
	Watts	2880	2940	3020	3100	3200	3290
	Amps	8.44	8.66	8.88	9.09	9.30	9.50
	Lb/h	359	339	322	307	295	285
5	Btu/h	23500	20300	17600	15400	13400	11600
	Watts	3050	3120	3210	3310	3420	3540
	Amps	8.87	9.14	9.41	9.67	9.93	10.2
	Lb/h	412	390	370	354	341	330
10	Btu/h	26700	23000	19900	17300	15100	13100
	Watts	3200	3280	3380	3500	3640	3780
	Amps	9.28	9.60	9.93	10.3	10.6	10.9
	Lb/h	471	445	423	405	391	380
15	Btu/h	29900	25700	22200	19200	16700	14600
	Watts	3330	3420	3540	3680	3830	4000
	Amps	9.65	10.0	10.4	10.8	11.2	11.6
	Lb/h	535	506	481	461	445	434

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	8.670329E+04	3.790403E+03	5.965127E+00	6.778558E+02
C2	2.060747E+03	5.821304E+01	1.567833E-02	2.142840E+01
C3	-1.331713E+03	-3.191701E+01	3.405954E-02	-5.116629E+00
C4	8.801882E+00	-4.477212E-01	-1.436289E-03	1.399814E-01
C5	-2.349235E+01	-6.147419E-01	6.831079E-04	-1.858256E-01
C6	8.487069E+00	3.139677E-01	-9.215124E-05	1.924448E-02

C7	-3.175689E-02	-8.415108E-03	-1.312186E-05	2.949066E-04
C8	-5.604757E-02	2.467485E-03	1.351647E-05	-4.197691E-04
C9	7.745829E-02	4.017017E-03	1.270306E-06	6.737161E-04
C10	-2.059042E-02	-7.967936E-04	2.097528E-07	-1.946663E-05

$$\text{Value} = C1 + C2 * \text{Te} + C4 * \text{Te}^2 + C7 * \text{Te}^3 + (C3 + C5 * \text{Te} + C8 * \text{Te}^2) * \text{Tc} + (C6 + C9 * \text{Te}) * \text{Tc}^2 + C10 * \text{Tc}^3$$

Te = Evaporator Temperature

Tc = Condensing Temperature

AWS2512ZKZ

General

Performance Data Sheet

Model AWS2512ZKZ **Unit of Measure** Fahrenheit
Condition ASHRAE(R-404A) **Voltage/Frequency** 220V 3~ 50HZ
RETURN GAS 10K (18°F) SUPERHEAT **MotorType** 3PH

Performance Information

EVAP TEMP (°F)	Condensing Temperature (°F)						
	90	100	110	120	130	140	
-40	Btu/h	6050					
	Watts	1230					
	Amps	6.10					
	Lb/h	100					
-35	Btu/h	7540	6490				
	Watts	1390	1360				
	Amps	6.27	6.24				
	Lb/h	125	113				
-30	Btu/h	9220	8080	6910			
	Watts	1550	1540	1500			
	Amps	6.44	6.45	6.41			
	Lb/h	153	140	126			
-25	Btu/h	11100	9870	8590	7290		
	Watts	1710	1720	1700	1660		
	Amps	6.63	6.68	6.67	6.62		
	Lb/h	185	172	156	139		
-20	Btu/h	13200	11900	10500	9050	7640	
	Watts	1870	1890	1890	1870	1830	
	Amps	6.83	6.92	6.95	6.93	6.86	
	Lb/h	220	206	191	173	154	
-15	Btu/h	15500	14100	12500	11000	9470	7940
	Watts	2020	2070	2090	2060	2020	
	Amps	7.04	7.17	7.24	7.26	7.23	7.14
	Lb/h	260	245	229	211	191	170
-10	Btu/h	18100	16500	14900	13200	11500	9830
	Watts	2180	2240	2280	2300	2300	2270
	Amps	7.27	7.42	7.53	7.59	7.60	7.55
	Lb/h	304	289	272	253	233	211
-5	Btu/h	21000	19200	17400	15600	13700	11900
	Watts	2320	2410	2470	2520	2540	2540
	Amps	7.50	7.69	7.84	7.94	7.99	7.98
	Lb/h	352	337	320	300	280	257
0	Btu/h	24100	22200	20200	18200	16200	14200
	Watts	2460	2570	2660	2730	2780	2800
	Amps	7.74	7.98	8.16	8.30	8.38	8.41
	Lb/h	406	390	372	353	331	308
5	Btu/h	27500	25400	23300	21100	18900	16800
	Watts	2600	2730	2850	2940	3010	3060
	Amps	7.99	8.27	8.49	8.67	8.79	8.86
	Lb/h	464	448	430	410	388	364
10	Btu/h	31200	28900	26600	24300	21900	19600
	Watts	2730	2890	3030	3150	3250	3320
	Amps	8.26	8.57	8.83	9.05	9.21	9.32
	Lb/h	528	512	493	473	451	427
15	Btu/h	35200	32800	30300	27700	25200	22600
	Watts	2850	3040	3210	3350	3480	3580
	Amps	8.53	8.88	9.18	9.43	9.64	9.79
	Lb/h	598	582	563	542	519	495

	COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	3.646232E+04	7.168704E+02	3.635967E+00	4.598813E+02	
C2	9.343539E+02	-1.586867E+01	-1.631947E-02	1.157028E+01	
C3	-6.089171E+01	2.563304E+01	6.369177E-02	2.964885E-01	
C4	7.735468E+00	-3.716914E-01	1.809971E-04	9.944945E-02	
C5	-3.021670E+00	4.771520E-01	7.064840E-04	-8.968949E-04	
C6	-1.124123E+00	-5.470097E-02	-1.824156E-04	-1.025105E-02	

C7	1.860157E-02	-1.232155E-03	-3.142578E-07	3.915844E-04
C8	-2.191655E-02	2.731273E-03	2.588634E-07	5.905296E-05
C9	-1.299701E-03	7.920396E-05	2.908288E-07	-3.611247E-05
C10	3.039132E-03	-1.589859E-04	-2.050376E-07	2.745000E-06

$$\text{Value} = C1 + C2 * \text{Te} + C4 * \text{Te}^2 + C7 * \text{Te}^3 + (C3 + C5 * \text{Te} + C8 * \text{Te}^2) * \text{Tc} + (C6 + C9 * \text{Te}) * \text{Tc}^2 + C10 * \text{Tc}^3$$

Te = Evaporator Temperature

Tc = Condensing Temperature

AWS2512ZKZ

General

Performance Data Sheet

Model AWS2512ZKZ **Unit of Measure** Fahrenheit
Condition ASHRAE(R-404A) **Voltage/Frequency** 220V 3~ 60HZ
RETURN GAS 10K (18°F) SUPERHEAT **MotorType** 3PH

Performance Information

EVAP TEMP (°F)	Condensing Temperature (°F)						
	90	100	110	120	130	140	
-40	Btu/h	7150					
	Watts	1450					
	Amps	6.42					
	Lb/h	119					
-35	Btu/h	8920	7680				
	Watts	1640	1600				
	Amps	6.60	6.57				
	Lb/h	148	133				
-30	Btu/h	10900	9560	8170			
	Watts	1820	1810	1770			
	Amps	6.78	6.79	6.75			
	Lb/h	181	166	149			
-25	Btu/h	13100	11700	10200	8630		
	Watts	2010	2010	1990	1950		
	Amps	6.98	7.03	7.03	6.97		
	Lb/h	219	203	185	165		
-20	Btu/h	15600	14000	12400	10700	9040	
	Watts	2200	2220	2220	2200	2150	
	Amps	7.19	7.28	7.32	7.30	7.22	
	Lb/h	261	244	226	205	182	
-15	Btu/h	18400	16600	14800	13000	11200	9390
	Watts	2380	2430	2450	2420	2370	
	Amps	7.41	7.54	7.62	7.64	7.61	7.52
	Lb/h	307	290	271	250	226	201
-10	Btu/h	21400	19500	17600	15600	13600	11600
	Watts	2550	2630	2680	2700	2700	2670
	Amps	7.65	7.82	7.93	7.99	8.00	7.95
	Lb/h	359	341	322	300	276	250
-5	Btu/h	24800	22700	20600	18400	16300	14100
	Watts	2730	2830	2900	2950	2980	2980
	Amps	7.89	8.10	8.26	8.36	8.41	8.40
	Lb/h	416	398	378	355	331	304
0	Btu/h	28500	26200	23900	21500	19200	16800
	Watts	2890	3020	3130	3210	3260	3280
	Amps	8.15	8.40	8.59	8.73	8.82	8.86
	Lb/h	480	461	440	417	392	364
5	Btu/h	32500	30000	27500	25000	22400	19900
	Watts	3050	3210	3340	3450	3540	3590
	Amps	8.42	8.70	8.94	9.12	9.25	9.33
	Lb/h	549	530	509	485	459	431
10	Btu/h	36900	34200	31500	28700	25900	23200
	Watts	3200	3390	3560	3700	3810	3900
	Amps	8.69	9.02	9.30	9.52	9.69	9.81
	Lb/h	625	605	584	560	533	504
15	Btu/h	41700	38800	35800	32800	29800	26800
	Watts	3340	3570	3760	3940	4090	4210
	Amps	8.98	9.35	9.66	9.93	10.1	10.3
	Lb/h	708	688	666	641	614	585

	COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	4.312108E+04	8.415684E+02	3.827291E+00	5.439186E+02	
C2	1.104980E+03	-1.862853E+01	-1.717956E-02	1.368480E+01	
C3	-7.202312E+01	3.009027E+01	6.704515E-02	3.508841E-01	
C4	9.148095E+00	-4.363351E-01	1.905087E-04	1.176243E-01	
C5	-3.573543E+00	5.601352E-01	7.436867E-04	-1.061022E-03	
C6	-1.329288E+00	-6.420790E-02	-1.920275E-04	-1.212633E-02	

C7	2.199883E-02	-1.446417E-03	-3.308263E-07	4.631507E-04
C8	-2.591917E-02	3.206290E-03	2.726095E-07	6.984508E-05
C9	-1.536665E-03	9.298328E-05	3.060565E-07	-4.271095E-05
C10	3.593779E-03	-1.866545E-04	-2.157947E-07	3.252019E-06

$$\text{Value} = C1 + C2 * \text{Te} + C4 * \text{Te}^2 + C7 * \text{Te}^3 + (C3 + C5 * \text{Te} + C8 * \text{Te}^2) * \text{Tc} + (C6 + C9 * \text{Te}) * \text{Tc}^2 + C10 * \text{Tc}^3$$

Te = Evaporator Temperature

Tc = Condensing Temperature

AWS2512ZKZ

General

Performance Data Sheet

Model AWS2512ZKZ **Unit of Measure** Fahrenheit
Condition EN12900(R-404A) **Voltage/Frequency** 220V 3~ 50HZ
RETURN GAS 10K (18°F) SUPERHEAT **MotorType** 3PH

Performance Information

EVAP TEMP (°F)	Condensing Temperature (°F)						
	90	100	110	120	130	140	
-40	Btu/h	5020					
	Watts	1240					
	Amps	5.72					
	Lb/h	81.5					
-35	Btu/h	6260	5260				
	Watts	1400	1370				
	Amps	5.88	5.85				
	Lb/h	102	92.1				
-30	Btu/h	7650	6560	5480			
	Watts	1560	1540	1510			
	Amps	6.05	6.05	6.01			
	Lb/h	124	114	102			
-25	Btu/h	9220	8020	6820	5630		
	Watts	1720	1720	1700	1660		
	Amps	6.22	6.27	6.26	6.21		
	Lb/h	150	139	127	113		
-20	Btu/h	11000	9640	8310	6980	5680	
	Watts	1870	1900	1900	1880	1830	
	Amps	6.41	6.49	6.52	6.50	6.44	
	Lb/h	178	168	155	140	125	
-15	Btu/h	12900	11400	9960	8480	7020	5580
	Watts	2030	2070	2090	2070	2070	2020
	Amps	6.61	6.72	6.79	6.81	6.78	6.70
	Lb/h	211	199	186	171	155	138
-10	Btu/h	15000	13400	11800	10100	8500	6890
	Watts	2180	2240	2290	2310	2300	2280
	Amps	6.81	6.96	7.07	7.12	7.13	7.08
	Lb/h	246	234	221	206	189	172
-5	Btu/h	17400	15600	13800	12000	10100	8330
	Watts	2330	2410	2480	2520	2540	2540
	Amps	7.03	7.22	7.36	7.45	7.49	7.48
	Lb/h	286	274	260	244	227	209
0	Btu/h	19900	18000	16000	14000	11900	9930
	Watts	2470	2580	2670	2740	2780	2800
	Amps	7.26	7.48	7.66	7.78	7.86	7.89
	Lb/h	329	317	302	286	269	251
5	Btu/h	22700	20600	18400	16200	13900	11700
	Watts	2610	2740	2850	2950	3020	3070
	Amps	7.50	7.75	7.96	8.13	8.24	8.31
	Lb/h	377	364	350	333	316	297
10	Btu/h	25800	23400	21000	18600	16100	13600
	Watts	2730	2900	3040	3160	3250	3330
	Amps	7.74	8.04	8.28	8.48	8.64	8.74
	Lb/h	430	417	402	385	367	348
15	Btu/h	29100	26500	23800	21200	18400	15700
	Watts	2850	3040	3210	3360	3490	3590
	Amps	8.00	8.33	8.61	8.85	9.04	9.18
	Lb/h	487	474	458	441	423	404

	COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	3.376167E+04	7.141777E+02	3.413327E+00	2.967914E+02	
C2	8.205502E+02	-1.578321E+01	-1.445731E-02	9.485278E+00	
C3	-9.497334E+01	2.579446E+01	5.954240E-02	2.305628E+00	
C4	7.291281E+00	-3.739114E-01	1.759821E-04	8.057357E-02	
C5	-2.598673E+00	4.759831E-01	6.467922E-04	-1.808707E-03	
C6	-8.570835E-01	-5.578366E-02	-1.683314E-04	-2.665051E-02	

C7	1.453822E-02	-1.247247E-03	-2.764497E-07	3.150218E-04
C8	-2.919373E-02	2.749938E-03	1.826027E-07	6.182880E-05
C9	-6.223574E-03	8.867998E-05	3.433379E-07	-2.315823E-05
C10	2.281956E-03	-1.565423E-04	-2.031063E-07	5.600389E-05

$$\text{Value} = C1 + C2 * \text{Te} + C4 * \text{Te}^2 + C7 * \text{Te}^3 + (C3 + C5 * \text{Te} + C8 * \text{Te}^2) * \text{Tc} + (C6 + C9 * \text{Te}) * \text{Tc}^2 + C10 * \text{Tc}^3$$

Te = Evaporator Temperature

Tc = Condensing Temperature

AWS2512ZKZ

General

Performance Data Sheet

Model AWS2512ZKZ **Unit of Measure** Fahrenheit
Condition EN12900(R-404A) **Voltage/Frequency** 220V 3~ 60HZ
RETURN GAS 20°C (68°F) **RETURN GAS MotorType** 3PH

Performance Information

EVAP TEMP (°F)	Condensing Temperature (°F)						
	90	100	110	120	130	140	
-40	Btu/h	5820					
	Watts	1400					
	Amps	5.34					
-35	Lb/h	94.5					
	Btu/h	7250	6100				
	Watts	1580	1550				
-30	Amps	5.49	5.46				
	Lb/h	118	107				
	Btu/h	8870	7610	6350			
-25	Watts	1760	1740	1700			
	Amps	5.64	5.65	5.61			
	Lb/h	144	132	119			
-20	Btu/h	10700	9300	7910	6530		
	Watts	1940	1940	1920	1880		
	Amps	5.81	5.85	5.84	5.80		
-15	Lb/h	174	161	147	131		
	Btu/h	12700	11200	9630	8100	6580	
	Watts	2120	2140	2140	2120	2070	
-10	Amps	5.98	6.06	6.08	6.07	6.01	
	Lb/h	207	194	179	163	145	
	Btu/h	14900	13300	11500	9840	8140	6470
-5	Watts	2290	2340	2360	2360	2340	2280
	Amps	6.17	6.27	6.34	6.35	6.33	6.25
	Lb/h	244	231	216	198	180	160
0	Btu/h	17400	15600	13700	11800	9860	7980
	Watts	2470	2540	2580	2610	2610	2580
	Amps	6.36	6.50	6.60	6.65	6.65	6.61
5	Lb/h	285	272	256	238	219	199
	Btu/h	20100	18100	16000	13900	11800	9660
	Watts	2630	2730	2800	2850	2870	2870
10	Amps	6.56	6.74	6.87	6.95	6.99	6.98
	Lb/h	331	317	301	283	263	242
	Btu/h	23100	20800	18500	16200	13800	11500
15	Watts	2790	2920	3020	3090	3140	3170
	Amps	6.78	6.98	7.15	7.26	7.34	7.37
	Lb/h	382	367	351	332	312	291
20	Btu/h	26400	23900	21300	18700	16100	13500
	Watts	2950	3100	3230	3330	3410	3470
	Amps	7.00	7.24	7.43	7.59	7.70	7.76
25	Lb/h	437	422	405	386	366	344
	Btu/h	29900	27100	24300	21500	18600	15800
	Watts	3090	3270	3430	3570	3680	3760
30	Amps	7.23	7.50	7.73	7.92	8.06	8.16
	Lb/h	498	483	465	446	425	403
	Btu/h	33700	30700	27600	24500	21400	18200
35	Watts	3230	3440	3630	3800	3940	4060
	Amps	7.47	7.77	8.04	8.26	8.44	8.57
	Lb/h	564	549	531	511	490	468

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	3.914424E+04	8.073642E+02	3.185709E+00	3.439527E+02
C2	9.513597E+02	-1.784177E+01	-1.349303E-02	1.099248E+01
C3	-1.101217E+02	2.915811E+01	5.557475E-02	2.671933E+00
C4	8.453612E+00	-4.226866E-01	1.642552E-04	9.337760E-02
C5	-3.012911E+00	5.380661E-01	6.036643E-04	-2.096323E-03
C6	-9.936498E-01	-6.305284E-02	-1.571272E-04	-3.088474E-02

C7	1.685585E-02	-1.409976E-03	-2.580165E-07	3.650857E-04
C8	-3.384735E-02	3.108662E-03	1.703783E-07	7.164412E-05
C9	-7.215897E-03	1.002533E-04	3.204865E-07	-2.683723E-05
C10	2.645537E-03	-1.769800E-04	-1.895087E-07	6.490150E-05

$$\text{Value} = C1 + C2 * \text{Te} + C4 * \text{Te}^2 + C7 * \text{Te}^3 + (C3 + C5 * \text{Te} + C8 * \text{Te}^2) * \text{Tc} + (C6 + C9 * \text{Te}) * \text{Tc}^2 + C10 * \text{Tc}^3$$

Te = Evaporator Temperature

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