

Model: AWS4532ZXN
Product Description

Type:	Reciprocating Compressors
Application:	MBP/HBP - Medium/High Back Pressure
ProductDescription:	R-404A
Voltage/Frequency:	208-230V ~ 60Hz 200-220V ~ 50Hz
Version:	N/A


Product Specifications
Performance

Condition	Test Voltage	Refrigeration Capacity			Input Power (I) W	(E) Efficiency			EVAP TEMP	Condition	AMBIENT TEMP	RETURN GAS	LIQUID TEMP
		(R) Btu/h	(R) kcal/h	(R) W		(E) Btu/Wh	(E) kcal/Wh	W/W					
ARI	230V ~ 60HZ	29216	7362	8555	3234	9.03	2.28	2.65	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	18.3°C (65°F)	46°C (115°F)
ARI	220V ~ 50HZ	25002	6300	7321	2871	8.71	2.19	2.55	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	18.3°C (65°F)	46°C (115°F)
EN12900	230V ~ 60HZ	26240	6612	7683	3033	8.65	2.18	2.53	5°C (41°F)	50°C (122°F)	32°C (90°F)	20°C (68°F)	50°C (122°F)
EN12900	220V ~ 50HZ	22491	5668	6586	2685	8.38	2.11	2.45	5°C (41°F)	50°C (122°F)	32°C (90°F)	20°C (68°F)	50°C (122°F)
ASHRAE	230V ~ 60HZ	32000	8064	9370	3300	9.7	2.44	2.84	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ASHRAE	220V ~ 50HZ	27000	6804	7906	2900	9.31	2.35	2.73	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)

General

Evaporating Temp. Range:	-15°C to 15°C (5°F to 59°F)
Motor Torque:	High Start Torque (HST)
Compressor Cooling:	Fan

Mechanical

Weight:	29
Weight Unit of Measure:	KG
Displacement (cc):	50.6
Oil Type:	Polyolester
Viscosity (cSt):	32
Oil Charge (cc):	1140

Electrical

Voltage Range (50 Hz):	180-242
Voltage Range (60 Hz):	187-254

Locked Rotor Amps (LRA):	85
Rated Load Amps (RLA 50 Hz):	17.6
Rated Load Amps (RLA 60 Hz):	14.8
Max. Continuous Current (MCC in Amps):	25.2
Motor Resistance (Ohm) - Main:	.69
Motor Resistance (Ohm) - Start:	2.1
Motor Type:	CSR
Overload Type:	
Relay Type:	

[Agency Approval](#)

CCC Listed



Performance Data Sheet

AWS4532ZXN

General

Model	AWS4532ZXN	Unit of Measure	Fahrenheit
Condition	ARI (R-404A)	Voltage/Frequency	220V ~ 50HZ
RETURN GAS	18.3°C (65°F) RETURN GAS	MotorType	CSR

Performance Information

EVAP TEMP (°F)	Condensing Temperature (°F)						
		90	100	110	120	130	140
5	Btu/h	14600	13200	11700	10100	8450	6870
	Watts	1690	1740	1780	1800	1780	1740
	Amps	17.2	14.8	12.7	10.5	8.22	5.61
	Lb/h	220	210	198	184	167	149
10	Btu/h	16800	15200	13600	11800	10100	8360
	Watts	1770	1840	1900	1940	1950	1930
	Amps	19.0	16.3	13.9	11.7	9.47	7.02
	Lb/h	254	244	232	217	200	181
15	Btu/h	19100	17400	15600	13700	11800	9920
	Watts	1850	1940	2010	2070	2100	2110
	Amps	20.9	17.8	15.2	12.9	10.6	8.27
	Lb/h	291	281	268	252	235	215
20	Btu/h	21500	19700	17800	15700	13600	11600
	Watts	1920	2020	2120	2190	2250	2280
	Amps	23.0	19.5	16.6	14.1	11.7	9.42
	Lb/h	331	320	307	291	272	252
25	Btu/h	24200	22200	20100	17900	15600	13300
	Watts	1970	2100	2210	2310	2390	2440
	Amps	25.3	21.3	18.1	15.3	12.8	10.5
	Lb/h	374	363	349	333	313	292
30	Btu/h	27200	25000	22600	20200	17700	15200
	Watts	2030	2170	2300	2420	2520	2600
	Amps	27.9	23.4	19.7	16.6	13.9	11.5
	Lb/h	421	410	396	378	358	336
35	Btu/h	30300	27900	25300	22700	19900	17200
	Watts	2070	2230	2380	2520	2650	2750
	Amps	30.7	25.6	21.4	17.9	15.0	12.5
	Lb/h	473	462	447	429	408	384
40	Btu/h	33700	31100	28300	25400	22400	19300
	Watts	2100	2280	2450	2610	2760	2890
	Amps	33.9	28.1	23.4	19.5	16.2	13.5
	Lb/h	531	519	504	485	463	438
45	Btu/h	37500	34500	31500	28300	25000	21700
	Watts	2120	2320	2510	2700	2870	3020
	Amps	37.4	30.9	25.6	21.1	17.5	14.5

	Lb/h	594	582	566	547	524	497
50	Btu/h	41500	38300	34900	31400	27800	24200
	Watts	2140	2350	2570	2770	2970	3150
	Amps	41.3	34.0	28.0	23.0	19.0	15.6
	Lb/h	664	652	635	615	591	563
55	Btu/h	45800	42300	38600	34800	30900	26900
	Watts	2140	2380	2610	2840	3060	3260
	Amps	45.7	37.5	30.7	25.1	20.6	16.9
	Lb/h	742	729	711	690	665	637

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	1.391400E+04	1.155487E+03	7.020121E+01	1.485475E+02
C2	4.457786E+02	3.733639E+00	1.736488E+00	4.796819E+00
C3	1.573189E+02	-8.468991E-01	-1.232777E+00	2.011974E+00
C4	6.498029E+00	-1.795989E-01	1.287568E-02	2.970534E-02
C5	2.274897E-02	1.515656E-02	-2.625270E-02	3.436395E-02
C6	-2.523818E+00	1.327768E-01	9.711769E-03	-2.050173E-02
C7	2.374799E-02	-2.517632E-04	4.229708E-05	8.203009E-04
C8	-4.185190E-02	3.156552E-04	-1.220272E-04	-8.463999E-05
C9	-8.401774E-03	1.712997E-03	1.161045E-04	-1.868970E-04
C10	6.908723E-03	-7.624935E-04	-3.058904E-05	3.304629E-05

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

Te = Evaporator Temperature

Tc = Condensing Temperature



Performance Data Sheet

AWS4532ZXN

General

Model	AWS4532ZXN	Unit of Measure	Fahrenheit
Condition	ARI (R-404A)	Voltage/Frequency	230V ~ 60HZ
RETURN GAS	18.3°C (65°F) RETURN GAS	MotorType	CSR

Performance Information

EVAP TEMP (°F)	Condensing Temperature (°F)						
		90	100	110	120	130	140
5	Btu/h	17700	16000	14100	12200	10300	8490
	Watts	1890	1950	1990	2030	2060	2090
	Amps	9.64	9.85	10.0	10.1	10.2	10.2
	Lb/h	266	254	240	223	205	185
10	Btu/h	20200	18400	16400	14300	12200	10200
	Watts	2000	2070	2130	2180	2220	2260
	Amps	10.0	10.3	10.5	10.7	10.8	10.9
	Lb/h	307	295	280	262	242	221
15	Btu/h	23000	20900	18700	16500	14200	12000
	Watts	2100	2190	2270	2330	2380	2420
	Amps	10.4	10.7	11.0	11.2	11.4	11.5
	Lb/h	350	338	322	304	283	259
20	Btu/h	25900	23700	21300	18800	16300	13800
	Watts	2200	2310	2400	2470	2530	2590
	Amps	10.7	11.1	11.4	11.7	11.9	12.1
	Lb/h	397	384	368	348	326	301
25	Btu/h	29100	26600	24000	21300	18500	15800
	Watts	2280	2410	2520	2610	2690	2750
	Amps	11.0	11.5	11.9	12.2	12.5	12.7
	Lb/h	448	435	418	397	373	346
30	Btu/h	32500	29800	27000	24000	20900	17900
	Watts	2350	2510	2640	2740	2830	2910
	Amps	11.3	11.8	12.3	12.7	13.0	13.3
	Lb/h	504	490	472	450	424	395
35	Btu/h	36200	33300	30100	26800	23500	20100
	Watts	2420	2590	2740	2870	2970	3060
	Amps	11.6	12.2	12.7	13.1	13.6	13.9
	Lb/h	566	551	532	508	481	449
40	Btu/h	40300	37000	33500	29900	26200	22500
	Watts	2470	2670	2840	2990	3110	3210
	Amps	11.8	12.5	13.1	13.6	14.1	14.5
	Lb/h	633	618	597	572	543	510
45	Btu/h	44600	41000	37200	33300	29200	25100
	Watts	2510	2740	2930	3100	3240	3350
	Amps	12.1	12.8	13.4	14.0	14.6	15.0

	Lb/h	708	692	670	643	612	576
50	Btu/h	49300	45400	41200	36900	32400	27900
	Watts	2530	2790	3010	3200	3360	3490
	Amps	12.3	13.1	13.8	14.4	15.0	15.6
	Lb/h	791	773	750	722	688	650
55	Btu/h	54400	50100	45500	40800	35900	31000
	Watts	2540	2830	3080	3290	3470	3620
	Amps	12.5	13.3	14.1	14.8	15.5	16.1
	Lb/h	882	863	838	808	773	732

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	1.563603E+04	2.458243E+02	5.772431E+00	1.920295E+02
C2	5.239217E+02	-2.618118E+01	-2.939284E-02	4.459013E+00
C3	2.268183E+02	3.494328E+01	5.959300E-02	2.301995E+00
C4	7.841401E+00	-3.763727E-01	-3.941587E-04	4.440796E-02
C5	3.313372E-01	8.000335E-01	1.234896E-03	6.636165E-02
C6	-3.426714E+00	-2.641363E-01	-2.298219E-04	-2.580338E-02
C7	2.844033E-02	-1.009986E-03	-9.944579E-07	9.559481E-04
C8	-5.284150E-02	2.758986E-03	1.075642E-06	-2.067430E-04
C9	-1.231436E-02	-2.678787E-03	-4.194824E-07	-3.523456E-04
C10	9.694769E-03	7.162109E-04	-2.837930E-08	5.155400E-05

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

Te = Evaporator Temperature

Tc = Condensing Temperature



Performance Data Sheet

AWS4532ZXN

General

Model	AWS4532ZXN	Unit of Measure	Fahrenheit
Condition	ASHRAE (R-404A)	Voltage/Frequency	220V ~ 50HZ
RETURN GAS	35°C (95°F) RETURN GAS	MotorType	CSR

Performance Information

EVAP TEMP (°F)	Condensing Temperature (°F)						
		90	100	110	120	130	140
5	Btu/h	15400	14000	12400			
	Watts	1840	1910	1970			
	Amps	14.4	14.5	14.6			
	Lb/h	210	200	189			
10	Btu/h	17600	16100	14400	12700		
	Watts	1910	1990	2060	2120		
	Amps	14.5	14.8	14.9	15.0		
	Lb/h	242	232	220	206		
15	Btu/h	20100	18400	16600	14700	12800	
	Watts	1970	2060	2150	2230	2280	
	Amps	14.7	15.0	15.2	15.4	15.5	
	Lb/h	276	266	254	240	223	
20	Btu/h	22700	20800	18900	16800	14800	12700
	Watts	2020	2130	2240	2330	2400	2450
	Amps	14.8	15.1	15.4	15.7	15.9	16.1
	Lb/h	313	303	291	275	258	239
25	Btu/h	25500	23500	21400	19100	16900	14600
	Watts	2070	2190	2310	2420	2510	2590
	Amps	14.9	15.3	15.7	16.0	16.2	16.5
	Lb/h	353	343	330	314	296	276
30	Btu/h	28500	26300	24000	21600	19100	16600
	Watts	2120	2250	2380	2510	2620	2710
	Amps	15.0	15.5	15.9	16.3	16.6	16.9
	Lb/h	397	386	373	357	338	317
35	Btu/h	31800	29400	26900	24300	21600	18800
	Watts	2160	2310	2450	2590	2720	2830
	Amps	15.1	15.6	16.1	16.5	16.9	17.3
	Lb/h	445	434	420	403	384	362
40	Btu/h	35300	32700	30000	27100	24200	21200
	Watts	2210	2360	2510	2670	2810	2950
	Amps	15.2	15.8	16.3	16.8	17.3	17.7
	Lb/h	497	486	471	454	434	411
45	Btu/h	39100	36300	33300	30200	27000	23700
	Watts	2250	2410	2570	2740	2900	3050
	Amps	15.2	15.9	16.5	17.1	17.6	18.1

	Lb/h	554	542	528	510	489	465
50	Btu/h	43200	40100	36900	33500	30000	26500
	Watts	2290	2460	2630	2810	2980	3150
	Amps	15.3	16.0	16.7	17.3	17.9	18.5
	Lb/h	616	604	589	570	548	523
55	Btu/h	47600	44300	40800	37100	33300	29500
	Watts	2330	2500	2680	2870	3060	3250
	Amps	15.3	16.1	16.8	17.5	18.2	18.9
	Lb/h	684	672	656	637	614	588

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	1.415663E+04	1.245411E+03	9.219368E+00	1.414337E+02
C2	4.714462E+02	9.082738E+00	-7.641486E-02	4.651084E+00
C3	1.658404E+02	-9.452596E-01	1.157712E-01	1.922324E+00
C4	5.955040E+00	3.471163E-02	-2.416654E-04	3.351702E-02
C5	3.178314E-02	-1.633198E-01	1.169670E-03	2.756547E-02
C6	-2.570190E+00	1.455780E-01	-8.393796E-04	-1.941509E-02
C7	2.099502E-02	7.570650E-04	2.933166E-07	5.595349E-04
C8	-3.399956E-02	-1.761031E-03	-5.867485E-08	-4.601699E-05
C9	-9.187553E-03	2.498447E-03	4.858379E-07	-1.578532E-04
C10	6.957085E-03	-7.791783E-04	1.921078E-06	3.096230E-05

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

Te = Evaporator Temperature

Tc = Condensing Temperature



Performance Data Sheet

AWS4532ZXN

General

Model	AWS4532ZXN	Unit of Measure	Fahrenheit
Condition	ASHRAE (R-404A)	Voltage/Frequency	230V ~ 60HZ
RETURN GAS	35°C (95°F) RETURN GAS	MotorType	CSR

Performance Information

EVAP TEMP (°F)	Condensing Temperature (°F)						
		90	100	110	120	130	140
5	Btu/h	19100	17200	15200			
	Watts	2000	2070	2110			
	Amps	9.18	9.41	9.56			
	Lb/h	260	247	230			
10	Btu/h	21800	19800	17600	15300		
	Watts	2100	2180	2240	2270		
	Amps	9.59	9.90	10.1	10.3		
	Lb/h	299	285	269	249		
15	Btu/h	24600	22500	20200	17800	15300	
	Watts	2180	2280	2360	2420	2440	
	Amps	9.97	10.4	10.7	10.9	11.0	
	Lb/h	339	326	309	289	266	
20	Btu/h	27700	25400	22900	20300	17700	14900
	Watts	2270	2380	2480	2560	2600	2610
	Amps	10.3	10.8	11.2	11.5	11.7	11.8
	Lb/h	383	369	353	333	309	282
25	Btu/h	31000	28500	25900	23100	20200	17300
	Watts	2350	2470	2590	2690	2760	2790
	Amps	10.7	11.2	11.7	12.1	12.4	12.6
	Lb/h	429	416	399	379	355	328
30	Btu/h	34500	31800	29000	26000	22900	19700
	Watts	2420	2560	2690	2810	2900	2970
	Amps	11.0	11.6	12.2	12.7	13.1	13.3
	Lb/h	480	467	450	429	404	376
35	Btu/h	38300	35400	32300	29100	25700	22300
	Watts	2500	2650	2790	2930	3040	3130
	Amps	11.2	12.0	12.6	13.2	13.7	14.0
	Lb/h	535	522	504	483	458	429
40	Btu/h	42300	39200	35800	32400	28800	25100
	Watts	2570	2730	2890	3040	3170	3280
	Amps	11.5	12.3	13.0	13.7	14.2	14.7
	Lb/h	595	581	564	542	516	487
45	Btu/h	46700	43300	39700	35900	32000	28000
	Watts	2640	2810	2980	3150	3300	3430
	Amps	11.7	12.6	13.4	14.2	14.8	15.3

	Lb/h	661	647	628	605	579	549
50	Btu/h	51400	47700	43800	39700	35500	31200
	Watts	2710	2880	3070	3250	3420	3570
	Amps	11.9	12.9	13.8	14.6	15.3	15.9
	Lb/h	733	718	698	675	648	616
55	Btu/h	56400	52400	48200	43800	39200	34600
	Watts	2770	2960	3150	3350	3540	3710
	Amps	12.1	13.1	14.1	15.0	15.8	16.5
	Lb/h	811	795	775	751	722	690

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	1.851132E+04	1.925709E+03	7.137955E+00	1.876649E+02
C2	5.577029E+02	1.575022E+01	-4.580255E-02	5.456437E+00
C3	1.935748E+02	-1.822341E+01	-8.707698E-03	2.179780E+00
C4	7.019235E+00	5.730112E-02	-3.528175E-04	4.531118E-02
C5	-2.104274E-01	-2.304847E-01	1.305677E-03	2.773418E-02
C6	-3.084978E+00	3.367459E-01	5.952396E-04	-2.134068E-02
C7	2.775151E-02	8.783995E-04	-5.049849E-07	6.883780E-04
C8	-4.720551E-02	-2.143336E-03	-1.510201E-06	-2.054691E-04
C9	-6.301326E-03	3.165045E-03	2.134219E-06	-1.040928E-04
C10	7.769985E-03	-1.523421E-03	-3.326191E-06	1.802697E-05

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

Te = Evaporator Temperature

Tc = Condensing Temperature



Performance Data Sheet

AWS4532ZXN

General

Model	AWS4532ZXN	Unit of Measure	Fahrenheit
Condition	EN12900 (R-404A)	Voltage/Frequency	220V ~ 50HZ
RETURN GAS	20°C (68°F) RETURN GAS	MotorType	CSR

Performance Information

EVAP TEMP (°F)	Condensing Temperature (°F)						
		90	100	110	120	130	140
5	Btu/h	13600	12200	10700	9110	7530	5950
	Watts	1820	1890	1950	1990	2000	1980
	Amps	14.1	14.2	14.3	14.4	14.4	14.3
	Lb/h	222	213	201	186	170	152
10	Btu/h	15600	14000	12400	10700	8960	7230
	Watts	1890	1970	2040	2100	2130	2140
	Amps	14.2	14.4	14.6	14.7	14.8	14.8
	Lb/h	257	247	235	220	203	184
15	Btu/h	17700	16000	14200	12400	10500	8560
	Watts	1950	2040	2130	2200	2260	2290
	Amps	14.4	14.6	14.9	15.0	15.2	15.3
	Lb/h	294	284	271	255	238	219
20	Btu/h	20000	18200	16200	14200	12100	9950
	Watts	2000	2110	2210	2300	2380	2430
	Amps	14.5	14.8	15.1	15.3	15.5	15.7
	Lb/h	333	323	310	294	275	256
25	Btu/h	22500	20400	18300	16100	13800	11400
	Watts	2050	2170	2290	2400	2490	2560
	Amps	14.6	15.0	15.3	15.6	15.9	16.1
	Lb/h	376	366	352	336	317	296
30	Btu/h	25100	22900	20600	18100	15600	13000
	Watts	2100	2230	2360	2480	2590	2690
	Amps	14.7	15.1	15.6	15.9	16.3	16.6
	Lb/h	423	413	399	381	362	340
35	Btu/h	28000	25600	23000	20300	17500	14700
	Watts	2140	2280	2430	2560	2690	2810
	Amps	14.8	15.3	15.8	16.2	16.6	17.0
	Lb/h	474	464	449	432	411	388
40	Btu/h	31100	28400	25600	22600	19600	16500
	Watts	2190	2340	2490	2640	2780	2920
	Amps	14.8	15.4	16.0	16.5	16.9	17.4
	Lb/h	531	520	505	487	465	442
45	Btu/h	34400	31500	28400	25100	21800	18400
	Watts	2230	2380	2550	2710	2870	3020
	Amps	14.9	15.6	16.2	16.7	17.3	17.7

	Lb/h	593	582	566	547	525	501
50	Btu/h	37900	34700	31300	27800	24200	20400
	Watts	2270	2430	2600	2780	2950	3120
	Amps	15.0	15.7	16.3	17.0	17.6	18.1
	Lb/h	661	650	634	614	591	566
55	Btu/h	41700	38200	34500	30700	26700	22600
	Watts	2300	2480	2660	2850	3030	3220
	Amps	15.0	15.8	16.5	17.2	17.9	18.5
	Lb/h	736	724	708	687	664	637

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	1.618706E+04	1.233237E+03	1.179544E+01	4.701587E+01
C2	4.022439E+02	8.993956E+00	-8.459266E-02	5.163560E+00
C3	7.105348E+01	-9.360197E-01	3.699309E-02	4.760040E+00
C4	6.279302E+00	3.437233E-02	-2.206699E-04	2.556651E-02
C5	4.396411E-01	-1.617233E-01	1.287088E-03	2.934570E-02
C6	-1.760559E+00	1.441550E-01	-1.218404E-04	-4.451442E-02
C7	1.571435E-02	7.496647E-04	-1.001064E-08	7.472981E-04
C8	-4.022446E-02	-1.743817E-03	-1.005414E-07	-3.577730E-05
C9	-1.130519E-02	2.474025E-03	6.192871E-08	-1.677627E-04
C10	4.773075E-03	-7.715619E-04	-2.645501E-07	1.022940E-04

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

Te = Evaporator Temperature

Tc = Condensing Temperature



Performance Data Sheet

AWS4532ZXN

General

Model	AWS4532ZXN	Unit of Measure	Fahrenheit
Condition	EN12900 (R-404A)	Voltage/Frequency	230V ~ 60HZ
RETURN GAS	20°C (68°F) RETURN GAS	MotorType	CSR

Performance Information

EVAP TEMP (°F)	Condensing Temperature (°F)						
		90	100	110	120	130	140
5	Btu/h	16500	14700	12700	10700	8610	6500
	Watts	1970	2030	2070	2080	2050	1980
	Amps	9.07	9.29	9.43	9.47	9.43	9.29
	Lb/h	270	257	239	218	194	168
10	Btu/h	18800	16900	14800	12600	10400	8140
	Watts	2060	2140	2200	2230	2230	2190
	Amps	9.47	9.78	10.0	10.1	10.2	10.1
	Lb/h	311	298	280	259	235	208
15	Btu/h	21300	19200	17000	14600	12200	9800
	Watts	2150	2240	2320	2380	2400	2380
	Amps	9.85	10.2	10.5	10.8	10.9	10.9
	Lb/h	353	340	323	302	278	251
20	Btu/h	23900	21700	19300	16700	14100	11500
	Watts	2230	2340	2430	2510	2560	2570
	Amps	10.2	10.7	11.1	11.4	11.6	11.7
	Lb/h	399	386	369	347	323	296
25	Btu/h	26700	24300	21700	19000	16100	13300
	Watts	2310	2430	2540	2640	2710	2740
	Amps	10.5	11.1	11.5	11.9	12.2	12.4
	Lb/h	448	435	417	396	371	344
30	Btu/h	29800	27100	24300	21300	18200	15100
	Watts	2380	2510	2640	2760	2850	2910
	Amps	10.8	11.5	12.0	12.5	12.8	13.1
	Lb/h	501	488	470	449	423	395
35	Btu/h	33000	30100	27000	23800	20500	17100
	Watts	2450	2600	2740	2870	2990	3070
	Amps	11.1	11.8	12.4	13.0	13.4	13.8
	Lb/h	559	546	528	506	480	451
40	Btu/h	36500	33300	29900	26400	22800	19100
	Watts	2520	2680	2840	2980	3120	3220
	Amps	11.3	12.1	12.9	13.5	14.0	14.5
	Lb/h	623	609	591	568	542	512
45	Btu/h	40200	36700	33100	29200	25300	21300
	Watts	2590	2760	2930	3090	3240	3370
	Amps	11.5	12.4	13.2	14.0	14.6	15.1

	Lb/h	693	679	660	637	609	579
50	Btu/h	44200	40400	36400	32200	27900	23500
	Watts	2660	2830	3010	3190	3360	3510
	Amps	11.7	12.7	13.6	14.4	15.1	15.7
	Lb/h	770	755	736	712	683	652
55	Btu/h	48500	44300	40000	35400	30800	26000
	Watts	2720	2910	3100	3290	3470	3640
	Amps	11.9	13.0	13.9	14.8	15.6	16.3
	Lb/h	854	839	819	794	765	732

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	2.030324E+04	1.880067E+03	3.343708E+00	7.631882E+01
C2	4.671786E+02	1.573422E+01	-6.191733E-02	5.935321E+00
C3	8.189523E+01	-1.767752E+01	9.818219E-02	5.384139E+00
C4	7.150907E+00	5.346736E-02	-5.411360E-04	3.698455E-02
C5	3.105573E-01	-2.291956E-01	1.679121E-03	2.810637E-02
C6	-2.121543E+00	3.292858E-01	-4.313620E-04	-4.939340E-02
C7	2.076256E-02	8.733140E-04	6.422852E-08	8.883408E-04
C8	-5.154535E-02	-2.091545E-03	1.256733E-08	-2.101102E-04
C9	-9.481863E-03	3.116390E-03	-5.107700E-08	-1.012300E-04
C10	5.353138E-03	-1.492996E-03	-7.053651E-08	9.688034E-05

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

Te = Evaporator Temperature

Tc = Condensing Temperature