

MODEL C540WM PERFORMANCE

Model	Entering Source Water Temp(F°)	Leaving Source Water Temp(°F)	Entering Heated Water Temp(°F)	Leaving Heated Water Temp(°F)	Heating Capacity (Btu/hr)	Cooling Capacity (Btu/hr)	Power Input (kW)	Heating COP	Cooling COP	Combined COP
C540W-SDNN	42°F	36	50	57.7	386400	302600	24.56	4.6	3.6	8.2
		36.2	60	67.7	384600	293500	26.66	4.2	3.2	7.5
		36.4	70	77.7	382800	283900	28.92	3.9	2.9	6.8
		36.6	80	87.6	380800	273800	31.34	3.6	2.6	6.1
		36.8	90	97.6	379400	263700	33.9	3.3	2.3	5.6
		37	100	100.6	377800	252900	36.64	3.0	2.0	5.0
		37.2	110	117.6	376800	241600	39.6	2.8	1.8	4.6
		37.4	120	127.6	375400	229400	42.74	2.6	1.6	4.1
		37.7	130	137.6	375000	217600	46.14	2.4	1.4	3.8
	37.7	140	147.6	374400	215500	47.38	2.3	1.3	3.6	
	50°F	42.7	50	58.8	441200	356000	24.9	5.2	4.2	9.4
		43.1	60	68.8	437600	345400	27.34	4.7	3.7	8.4
		43.4	70	78.7	435200	335000	29.34	4.3	3.3	7.7
		43.6	80	88.6	432000	323600	31.82	4.0	3.0	7.0
		43.9	90	98.6	429000	307200	34.44	3.7	2.6	6.3
		44.1	100	108.6	426000	295200	37.24	3.4	2.3	5.7
		44.3	110	118.6	423200	285600	40.16	3.1	2.1	5.2
		44.6	120	128.5	420400	270400	43.44	2.8	1.8	4.7
		44.9	130	137.5	418600	255200	46.94	2.6	1.6	4.2
	45.1	140	148.5	416600	243600	50.4	2.4	1.4	3.8	
	60°F	52	50	59.7	484600	398800	25.1	5.7	4.7	10.3
		52.3	60	69.6	480200	387100	27.28	5.2	4.2	9.3
		52.5	70	79.6	476600	375600	29.6	4.7	3.7	8.4
		52.8	80	89.5	472000	362400	32.12	4.3	3.3	7.6
		53	90	99.4	468200	349600	34.76	3.9	2.9	6.9
		53.3	100	100.4	464400	336000	37.64	3.6	2.6	6.2
		53.6	110	119.3	460200	321800	40.58	3.3	2.3	5.6
		53.9	120	129.3	455400	304800	44.14	3.0	2.0	5.0
		54.2	130	139.2	452600	290600	47.44	2.8	1.8	4.6
	54.5	140	149.1	449400	274500	50.62	2.6	1.6	4.2	
	70°F	61.1	50	60.6	532000	445600	25.3	6.2	5.2	11.3
		61.2	60	70.5	526600	439200	27.5	5.6	4.7	10.3
		61.6	70	80.5	521800	420000	29.86	5.1	4.1	9.2
		61.9	80	90.4	516000	405300	32.4	4.7	3.7	8.3
		62.2	90	100.4	511000	391200	35.1	4.3	3.3	7.5
		62.5	100	110.3	505800	376300	37.98	3.9	2.9	6.8
		62.7	110	120.1	501000	360200	41.08	3.6	2.6	6.1
		63.1	120	130	494400	342000	44.7	3.2	2.2	5.5
		63.5	130	139.9	490000	326600	47.92	3.0	2.0	5.0
	63.8	140	149.9	485400	308800	51.74	2.7	1.7	4.5	
	80°F	70	50	61.7	583600	496800	25.48	6.7	5.7	12.4
		70.3	60	71.5	577000	482400	27.72	6.1	5.1	11.2
70.6		70	81.4	571200	468400	30.12	5.6	4.6	10.1	
70.9		80	91.3	564600	453100	32.66	5.1	4.1	9.1	
71.2		90	101.2	558800	438400	35.2	4.7	3.7	8.3	
71.7		100	111.1	550600	419700	38.3	4.2	3.2	7.4	
72		110	121	544200	402900	41.42	3.9	2.9	6.7	
72.4		120	131	537800	384900	44.78	3.5	2.5	6.0	
72.8		130	140.9	531000	366000	48.34	3.2	2.2	5.4	
73.1	140	150.7	524800	346500	52.22	2.9	1.9	4.9		
90°F	78.9	50	62.8	639800	552200	25.66	7.3	6.3	13.6	
	79.35	60	72.7	631800	536600	27.92	6.6	5.6	12.3	
	79.8	70	82.5	624800	521200	31.22	5.9	4.9	10.8	
	80.25	80	92.3	616000	503700	32.92	5.5	4.5	10.0	
	80.7	90	102.1	608600	486900	35.6	5.0	4.0	9.0	
	81.15	100	111.9	599800	468000	38.6	4.6	3.6	8.1	
	81.6	110	121.5	592400	441200	41.66	4.2	3.1	7.3	
	82.05	120	131.1	583400	429300	45.1	3.8	2.8	6.6	
	82.5	130	140.9	575400	409200	48.6	3.5	2.5	5.9	
83	140	150.7	566600	387800	52.66	3.2	2.2	5.3		

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