

# MODEL C250W 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
C250W-S_NN	50°F	39	50	59	228500	194200	10.05	6.7	5.7	12.3
		40	60	69	214800	177800	10.85	5.8	4.8	10.6
		41	70	78	209900	169700	11.8	5.2	4.2	9.4
		41	80	88	202000	158700	12.67	4.7	3.7	8.3
		42	90	98	194300	148300	13.46	4.2	3.2	7.5
		42	100	108	186600	138600	14.08	3.9	2.9	6.8
		43	110	117	174700	124900	14.57	3.5	2.5	6
		44	120	127	165100	113600	15.1	3.2	2.2	5.4
		44	130	136	154300	102200	15.3	3.0	2.0	4.9
		44	140	146	144000	91500.00	15.4	2.7	1.7	4.5
	60°F	48	50	60	259500	223300	10.6	7.2	6.2	13.3
		48	60	70	252600	212900	11.79	6.3	5.3	11.6
		49	70	80	244600	201600	12.62	5.7	4.7	10.4
		49	80	90	236500	189700	13.7	5.1	4.1	9.1
		50	90	99	228100	177900	14.73	4.5	3.5	8.1
		51	100	109	223200	169200	15.83	4.1	3.1	7.3
		51	110	119	211200	154700	16.55	3.7	2.7	6.5
		52	120	128	197300	138000	17.39	3.3	2.3	5.6
		53	130	138	193900	133400	17.73	3.2	2.2	5.4
		53	140	148	183100	121500	18.06	3.0	2.0	4.9
	70°F	55	50	62	302900	265600	10.93	8.1	7.1	15.2
		56	60	72	291000	249500	12.16	7	6	13
		57	70	81	281700	235700	13.47	6.1	5.1	11.3
		57	80	91	279300	228500	14.89	5.5	4.5	10
		58	90	101	269800	214500	16.21	4.9	3.9	8.8
		59	100	110	259500	200400	17.32	4.4	3.4	7.8
		60	110	120	249300	185800	18.61	3.9	2.9	6.9
		61	120	130	235900	168500	19.73	3.5	2.5	6
		61	130	140	228500	159500	20.22	3.3	2.3	5.6
		62	140	150	214600	127800	20.85	3.0	1.8	4.8
	80°F	63	50	64	345000	307200	11.08	9.1	8.1	17.2
		64	60	73	333500	290700	12.55	7.8	6.8	14.6
		65	70	83	324000	275800	14.12	6.7	5.7	12.4
		65	80	93	321600	267700	15.8	6	5	10.9
		66	90	103	310900	251500	17.41	5.2	4.2	9.5
		67	100	112	297100	232500	18.92	4.6	3.6	8.2
		68	110	122	287400	217800	20.4	4.1	3.1	7.3
		69	120	131	272200	197700	21.81	3.7	2.7	6.3
		70	130	140	263900	187300	22.44	3.4	2.4	5.9
		70	140	150	252400	175300	24.03	3.1	2.1	5.2
90°F	70	50	66	389500	351200	11.22	10.2	9.2	19.3	
	71	60	75	378400	334100	12.98	8.5	7.5	16.1	
	72	70	85	368700	318100	14.84	7.3	6.3	13.6	
	73	80	95	366000	308600	16.8	6.4	5.4	11.8	
	72	90	104	348600	285600	18.44	5.5	4.5	10.1	
	70	100	113	328500	260500	19.91	4.8	3.8	8.7	
	68	110	122	304400	232100	21.18	4.2	3.2	7.4	
	65	120	131	278600	203300	22.08	3.7	2.7	6.4	
65	130	140	269500	192000	23.06	3.4	2.4	5.9		
65	140	150	258600	181000	24.2	3.1	2.2	5.3		

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