

MODEL C125W 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
C125W-S_NN	50°F	41	50	58	112000	94600	5.06	6.5	5.5	12
		41	60	68	110900	92400	5.42	6	5	11
		41	70	78	110400	89900	6	5.4	4.4	9.8
		42	80	88	107300	84700	6.63	4.7	3.7	8.5
		42	90	98	105800	80600	7.38	4.2	3.2	7.4
		42	100	108	104400	76300	8.24	3.7	2.7	6.4
		43	110	117	103300	71800	9.22	3.3	2.3	5.6
		43	120	127	102200	67000	10.35	2.9	1.9	4.8
		44	130	137	101561	61800	11.65	2.6	2.6	5.1
	44	140	147	100340	55800	13.05	2.3	2.3	4.5	
	60°F	49	50	59	130600	112500	5.29	7.2	6.2	13.5
		49	60	69	128500	109000	5.72	6.6	5.6	12.2
		50	70	79	126500	105000	6.29	5.9	4.9	10.8
		50	80	89	124200	100500	6.93	5.3	4.2	9.5
		50	90	99	121900	95800	7.66	4.7	3.7	8.3
		51	100	109	120200	91100	8.54	4.1	3.1	7.2
		51	110	119	118500	85900	9.55	3.6	2.6	6.3
		52	120	128	116800	80500	10.65	3.2	2.2	5.4
		53	130	138	115485	74700	11.95	2.8	1.8	4.7
	53	140	148	113734	68000	13.4	2.5	1.5	4.0	
	70°F	57	50	61	150900	132000	5.55	8	7	14.9
		57	60	71	148200	127500	6.06	7.2	6.2	13.3
		58	70	80	145100	122500	6.61	6.4	5.4	11.9
		58	80	90	142300	117500	7.26	5.7	4.7	10.5
		59	90	100	139800	112500	8.01	5.1	4.1	9.2
		59	100	110	137300	107000	8.87	4.5	3.5	8.1
		60	110	120	135100	101500	9.85	4	3	7
		60	120	130	132800	95400	10.95	3.6	2.6	6.1
		61	130	139	130609	88800	12.25	3.1	2.1	5.2
	62	140	149	127858	81100	13.7	2.7	1.7	4.5	
	80°F	65	50	62	171400	150500	6.12	8.2	7.2	15.4
		65	60	72	169300	147500	6.39	7.8	6.8	14.5
		66	70	82	165700	142000	6.95	7	6	13
		66	80	92	162500	136500	7.61	6.3	5.3	11.5
		67	90	101	159500	131000	8.36	5.6	4.6	10.2
		67	100	111	156500	125000	9.22	5	4	8.9
		68	110	121	153300	118500	10.2	4.4	3.4	7.8
		69	120	131	150100	111500	11.3	3.9	2.9	6.8
		70	130	141	147004	104000	12.6	3.4	2.4	5.8
	70	140	150	143382	95600	14	3.0	2.0	5.0	
	90°F	73	50	64	191300	167500	6.96	8.1	7.1	15.1
		73	60	74	190600	167000	6.92	8.1	7.1	15.1
		74	70	83	188500	136500	7.32	7.5	5.5	13
		73	80	93	183100	156000	7.95	6.7	5.7	12.5
73		90	103	176600	147000	8.66	6	5	10.9	
72		100	112	170400	138000	8.48	5.9	4.8	10.7	
71		110	122	164500	129000	10.4	4.6	3.6	8.3	
70		120	131	158800	119500	11.5	4	3	7.1	
70		130	141	153345	110000	12.7	3.5	2.5	6.1	
69	140	151	148123	100000	14.4	3.0	2.0	5.1		

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