

MODEL C25W 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
C25W-S NN	50°F	41	50	58	21200	18000	0.95	6.5	5.5	12
		41	60	68	21000	17100	1.15	5.4	4.4	9.7
		42	70	78	20800	16500	1.27	4.8	3.8	8.6
		42	80	88	20600	15900	1.39	4.3	3.4	7.7
		42	90	98	20400	15200	1.53	3.9	2.9	6.8
		43	100	108	20200	14400	1.7	3.5	2.5	6
		43	110	117	20000	13600	1.88	3.1	2.1	5.2
		44	120	127	19800	12700	2.08	2.8	1.8	4.6
		44	130	137	19500	11000	2.35	2.4	2.4	4.9
	44	140	147	19300	10500	2.53	2.2	2.2	4.5	
	60°F	49	50	59	24700	21300	0.99	7.3	6.3	13.6
		50	60	69	24300	20200	1.2	5.9	4.9	10.9
		50	70	79	24100	19600	1.31	5.4	4.4	9.8
		51	80	89	23900	19000	1.43	4.9	3.9	8.8
		51	90	99	23600	18200	1.58	4.4	3.4	7.8
		51	100	109	23000	16400	1.94	3.5	2.5	6.0
		52	110	118	22300	15700	1.92	3.4	2.4	5.8
		52	120	129	22700	15400	2.15	3.1	2.1	5.2
		52	130	139	23300	15200	2.45	2.8	1.8	4.6
	52	140	149	24000	14900	2.59	2.7	1.7	4.4	
	70°F	58	50	60	28300	24700	1.04	8.0	7.0	15.0
		58	60	70	27900	23600	1.25	6.5	5.5	12.1
		58	70	80	27600	23000	1.36	5.9	5.0	10.9
		59	80	90	27400	22300	1.49	5.4	4.4	9.8
		59	90	100	27100	21500	1.63	4.9	3.9	8.7
		60	100	110	26600	20500	1.8	4.3	3.3	7.7
		60	110	120	26300	19500	2	3.9	2.9	6.7
		61	120	130	26000	18400	2.22	3.4	2.4	5.9
		61	130	140	25800	17900	2.56	3.0	2.0	5.0
	61	140	150	25400	17100	2.72	2.7	1.8	4.6	
	80°F	66	50	62	32200	28400	1.1	8.6	7.6	16.2
		66	60	72	31700	27200	1.31	7.1	6.1	13.2
		67	70	82	31400	26600	1.42	6.5	5.5	12.0
		67	80	92	31200	25900	1.55	5.9	4.9	10.8
		67	90	101	30800	25000	1.7	5.3	4.3	9.6
		68	100	111	30400	24000	1.87	4.8	3.8	8.5
		69	110	121	29900	22900	2.06	4.3	3.3	7.5
		69	120	131	29500	21700	2.28	3.8	2.8	6.6
		69	130	141	29300	21100	2.75	3.1	2.2	5.4
	70	140	150	29100	20300	2.88	3.0	2.1	5.0	
	90°F	76	50	64	40100	32500	1.23	9.5	7.7	17.3
		75	60	73	35700	30800	1.43	7.3	6.3	13.6
		74	70	83	35400	30300	1.48	7.0	6.0	13.0
		73	80	93	34700	29200	1.6	6.4	5.3	11.7
72		90	103	33900	27900	1.75	5.7	4.7	10.3	
71		100	112	32900	26400	1.91	5.0	4.0	9.1	
70		110	122	22000	24800	2.1	3.1	3.5	6.5	
69		120	132	24700	23900	2.19	3.3	3.2	6.5	
69		130	142	23800	22800	2.79	2.5	2.4	4.9	
69	140	151	23100	21300	2.96	2.3	2.1	4.4		

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