

# MODEL C60A PERFORMANCE

Model	Entering Air Condition	Entering Water Temp (°F)	Leaving Water Temp (°F)	Heating Capacity (Btu/hr)	Cooling Capacity (Btu/hr)	Power Input (kW)	Heating COP	Cooling COP	Combined COP
C60A - ____ A	40°F 60% RH	50	56	41300	33900	2.35	5.2	4.2	9.4
		60	66	41200	33500	2.43	5.0	4.0	9.0
		70	76	40700	32200	2.65	4.5	3.6	8.1
		80	86	40100	30800	2.90	4.1	3.1	7.2
		90	96	39600	29300	3.18	3.6	2.7	6.3
		100	106	39100	27600	3.53	3.2	2.3	5.5
		110	116	38600	25900	3.90	2.9	1.9	4.8
		120	126	38500	24300	4.32	2.6	1.6	4.3
	50°F 60% RH	130	136	38400	22600	4.80	2.3	1.4	3.7
		140	146	38500	20900	5.32	2.1	1.2	3.3
		50	57	48300	40700	2.40	5.9	5.0	10.9
		60	67	48000	40000	2.51	5.6	4.7	10.3
		70	77	47500	38700	2.74	5.1	4.1	9.2
		80	87	46800	37200	3.02	4.5	3.6	8.1
		90	97	46000	35400	3.28	4.1	3.2	7.3
		100	107	45200	33500	3.61	3.7	2.7	6.4
	60°F 60% RH	110	117	44600	31600	3.99	3.3	2.3	5.6
		120	127	43900	29400	4.41	2.9	2.0	4.9
		130	137	44400	27300	4.89	2.7	1.6	4.3
		140	147	43200	25300	5.42	2.3	1.4	3.7
		50	59	55700	47900	2.45	6.7	5.7	12.4
		60	69	55400	47100	2.60	6.2	5.3	11.5
		70	78	54700	45600	2.83	5.7	4.7	10.4
		80	88	53900	43900	3.09	5.1	4.2	9.3
	70°F 60% RH	90	98	53000	42000	3.39	4.6	3.6	8.2
		100	108	52100	39900	3.73	4.1	3.1	7.2
		110	118	51100	37700	4.11	3.6	2.7	6.3
		120	128	50200	35300	4.54	3.2	2.3	5.5
		130	138	49400	32800	5.03	2.9	1.9	4.8
		140	148	48500	30100	5.57	2.6	1.6	4.1
		50	60	64100	56000	2.53	7.4	6.5	13.9
		60	70	63700	55000	2.71	6.9	5.9	12.8
	80°F 60% RH	70	80	63000	53500	2.94	6.3	5.3	11.6
		80	90	61800	51500	3.20	5.7	4.7	10.4
		90	99	61000	49600	3.50	5.1	4.2	9.3
		100	109	59800	47200	3.85	4.5	3.6	8.1
		110	119	58700	44800	4.23	4.1	3.1	7.2
		120	129	57400	42000	4.67	3.6	2.6	6.2
		130	139	56200	39100	5.17	3.2	2.2	5.4
		140	149	55000	36100	5.72	2.8	1.8	4.7
	90°F 60% RH	50	61	73400	64500	2.78	7.7	6.8	14.5
		60	71	73100	64000	2.84	7.5	6.6	14.1
		70	81	72400	62500	3.07	6.9	6.0	12.9
		80	91	71300	60500	3.33	6.3	5.3	11.6
		90	101	69800	58000	3.63	5.6	4.7	10.3
		100	111	68500	55500	3.98	5.0	4.1	9.1
		110	120	66800	52500	4.37	4.5	3.5	8.0
		120	130	65700	49800	4.82	4.0	3.0	7.0
	130	140	64000	46500	5.32	3.5	2.6	6.1	
	140	150	62800	43300	5.87	3.1	2.2	5.3	
	50	63	83000	73000	3.10	7.8	6.9	14.7	
	60	73	83000	73000	3.10	7.8	6.9	14.7	
	70	83	82300	72000	3.20	7.5	6.6	14.1	
	80	92	80200	69000	3.46	6.8	5.8	12.6	
	90	102	78200	66000	3.75	6.1	5.2	11.3	
	100	112	75900	62500	4.09	5.4	4.5	9.9	
	110	121	73700	59000	4.47	4.8	3.9	8.7	
	120	131	71200	55000	4.91	4.2	3.3	7.5	
	130	140	68200	50500	5.37	3.7	2.8	6.5	
	140	150	66000	46300	5.92	3.3	2.3	5.6	

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C60A - ___ B	40°F 60% RH	50	56	41300	33900	3.26	3.7	3.0	6.8
		60	66	41200	33500	3.34	3.6	2.9	6.6
		70	76	40700	32200	3.56	3.3	2.7	6.0
		80	86	40100	30800	3.81	3.1	2.4	5.5
		90	96	39600	29300	4.09	2.8	2.1	4.9
		100	106	39100	27600	4.44	2.6	1.8	4.4
		110	116	38600	25900	4.81	2.4	1.6	3.9
		120	126	38500	24300	5.23	2.2	1.4	3.5
	50°F 60% RH	130	136	38400	22600	5.71	2.0	1.2	3.1
		140	146	38500	20900	6.23	1.8	1.0	2.8
		50	57	48300	40700	3.31	4.3	3.6	7.9
		60	67	48000	40000	3.42	4.1	3.4	7.5
		70	77	47500	38700	3.65	3.8	3.1	6.9
		80	87	46800	37200	3.93	3.5	2.8	6.3
		90	97	46000	35400	4.19	3.2	2.5	5.7
		100	107	45200	33500	4.52	2.9	2.2	5.1
	60°F 60% RH	110	117	44600	31600	4.90	2.7	1.9	4.6
		120	127	43900	29400	5.32	2.4	1.6	4.0
		130	137	44400	27300	5.80	2.2	1.4	3.6
		140	147	43200	25300	6.33	2.0	1.2	3.2
		50	59	55700	47900	3.36	4.9	4.2	9.0
		60	69	55400	47100	3.51	4.6	3.9	8.6
		70	78	54700	45600	3.74	4.3	3.6	7.9
		80	88	53900	43900	4.00	3.9	3.2	7.2
	70°F 60% RH	90	98	53000	42000	4.30	3.6	2.9	6.5
		100	108	52100	39900	4.64	3.3	2.5	5.8
		110	118	51100	37700	5.02	3.0	2.2	5.2
		120	128	50200	35300	5.45	2.7	1.9	4.6
		130	138	49400	32800	5.94	2.4	1.6	4.1
		140	148	48500	30100	6.48	2.2	1.4	3.6
		50	60	64100	56000	3.44	5.5	4.8	10.2
		60	70	63700	55000	3.62	5.2	4.5	9.6
	80°F 60% RH	70	80	63000	53500	3.85	4.8	4.1	8.9
		80	90	61800	51500	4.11	4.4	3.7	8.1
		90	99	61000	49600	4.41	4.1	3.3	7.3
		100	109	59800	47200	4.76	3.7	2.9	6.6
		110	119	58700	44800	5.14	3.3	2.6	5.9
		120	129	57400	42000	5.58	3.0	2.2	5.2
		130	139	56200	39100	6.08	2.7	1.9	4.6
		140	149	55000	36100	6.63	2.4	1.6	4.0
	90°F 60% RH	50	61	73400	64500	3.69	5.8	5.1	11.0
		60	71	73100	64000	3.75	5.7	5.0	10.7
70		81	72400	62500	3.98	5.3	4.6	9.9	
80		91	71300	60500	4.24	4.9	4.2	9.1	
90		101	69800	58000	4.54	4.5	3.7	8.2	
100		111	68500	55500	4.89	4.1	3.3	7.4	
110		120	66800	52500	5.28	3.7	2.9	6.6	
120		130	65700	49800	5.73	3.4	2.5	5.9	
90°F 60% RH	130	140	64000	46500	6.23	3.0	2.2	5.2	
	140	150	62800	43300	6.78	2.7	1.9	4.6	
	50	63	83000	73000	4.01	6.1	5.3	11.4	
	60	73	83000	73000	4.01	6.1	5.3	11.4	
	70	83	82300	72000	4.11	5.9	5.1	11.0	
	80	92	80200	69000	4.37	5.4	4.6	10.0	
	90	102	78200	66000	4.66	4.9	4.2	9.1	
	100	112	75900	62500	5.00	4.4	3.7	8.1	
90°F 60% RH	110	121	73700	59000	5.38	4.0	3.2	7.2	
	120	131	71200	55000	5.82	3.6	2.8	6.4	
	130	140	68200	50500	6.28	3.2	2.4	5.5	
	140	150	66000	46300	6.83	2.8	2.0	4.8	

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