

MODEL C1080WM 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
C1080W-SDNN	42°F	36	50	57.7	772800	605200	49.12	4.6	3.6	8.2
		36.2	60	67.7	769200	587000	53.32	4.2	3.2	7.5
		36.4	70	77.7	765600	567800	57.84	3.9	2.9	6.8
		36.6	80	87.6	761600	547600	62.68	3.6	2.6	6.1
		36.8	90	97.6	758800	527500	67.8	3.3	2.3	5.6
		37	100	100.6	755600	505900	73.28	3.0	2.0	5.0
		37.2	110	117.6	753600	483300	79.2	2.8	1.8	4.6
		37.4	120	127.6	750800	458800	85.48	2.6	1.6	4.1
		37.7	130	137.6	750000	435200	92.28	2.4	1.4	3.8
	37.7	140	147.6	748800	431000	94.76	2.3	1.3	3.6	
	50°F	42.7	50	58.8	882400	712000	49.8	5.2	4.2	9.4
		43.1	60	68.8	875200	690800	54.68	4.7	3.7	8.4
		43.4	70	78.7	870400	670000	58.68	4.3	3.3	7.7
		43.6	80	88.6	864000	647200	63.64	4.0	3.0	7.0
		43.9	90	98.6	858000	614400	68.88	3.7	2.6	6.3
		44.1	100	108.6	852000	590400	74.48	3.4	2.3	5.7
		44.3	110	118.6	846400	571200	80.32	3.1	2.1	5.2
		44.6	120	128.5	840800	540800	86.88	2.8	1.8	4.7
		44.9	130	137.5	837200	510400	93.88	2.6	1.6	4.2
	45.1	140	148.5	833200	487200	100.8	2.4	1.4	3.8	
	60°F	52	50	59.7	969200	797600	50.2	5.7	4.7	10.3
		52.3	60	69.6	960400	774200	54.56	5.2	4.2	9.3
		52.5	70	79.6	953200	751200	59.2	4.7	3.7	8.4
		52.8	80	89.5	944000	724800	64.24	4.3	3.3	7.6
		53	90	99.4	936400	699300	69.52	3.9	2.9	6.9
		53.3	100	100.4	928800	672000	75.28	3.6	2.6	6.2
		53.6	110	119.3	920400	643600	81.16	3.3	2.3	5.6
		53.9	120	129.3	910800	609600	88.28	3.0	2.0	5.0
		54.2	130	139.2	905200	581200	94.88	2.8	1.8	4.6
	54.5	140	149.1	898800	549100	101.24	2.6	1.6	4.2	
	70°F	61.1	50	60.6	1064000	891300	50.6	6.2	5.2	11.3
		61.2	60	70.5	1053200	878400	55	5.6	4.7	10.3
		61.6	70	80.5	1043600	840000	59.72	5.1	4.1	9.2
		61.9	80	90.4	1032000	810700	64.8	4.7	3.7	8.3
		62.2	90	100.4	1022000	782400	70.2	4.3	3.3	7.5
		62.5	100	110.3	1011600	752600	75.96	3.9	2.9	6.8
		62.7	110	120.1	1002000	720400	82.16	3.6	2.6	6.1
		63.1	120	130	988800	684000	89.4	3.2	2.2	5.5
		63.5	130	139.9	980000	653200	95.84	3.0	2.0	5.0
	63.8	140	149.9	970800	617700	103.48	2.7	1.7	4.5	
	80°F	70	50	61.7	1167200	993600	50.96	6.7	5.7	12.4
		70.3	60	71.5	1154000	964800	55.44	6.1	5.1	11.2
		70.6	70	81.4	1142400	936900	60.24	5.6	4.6	10.1
		70.9	80	91.3	1129200	906200	65.32	5.1	4.1	9.1
		71.2	90	101.2	1117600	876900	70.4	4.7	3.7	8.3
		71.7	100	111.1	1101200	839500	76.6	4.2	3.2	7.4
		72	110	121	1088400	805900	82.84	3.9	2.9	6.7
		72.4	120	131	1075600	769900	89.56	3.5	2.5	6.0
72.8		130	140.9	1062000	732000	96.68	3.2	2.2	5.4	
73.1	140	150.7	1049600	693100	104.44	2.9	1.9	4.9		
90°F	78.9	50	62.8	1279600	1104400	51.32	7.3	6.3	13.6	
	79.35	60	72.7	1263600	1073200	55.84	6.6	5.6	12.3	
	79.8	70	82.5	1249600	1042500	62.44	5.9	4.9	10.8	
	80.25	80	92.3	1232000	1007500	65.84	5.5	4.5	10.0	
	80.7	90	102.1	1217200	973900	71.2	5.0	4.0	9.0	
	81.15	100	111.9	1199600	936000	77.2	4.6	3.6	8.1	
	81.6	110	121.5	1184800	882400	83.32	4.2	3.1	7.3	
	82.05	120	131.1	1166800	858700	90.2	3.8	2.8	6.6	
	82.5	130	140.9	1150800	818400	97.2	3.5	2.5	5.9	
83	140	150.7	1133200	775600	105.32	3.2	2.2	5.3		

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