

MODEL C1350WM 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
C1350W-SDNN	42°F	36	50	57.7	966000	756600	61.4	4.6	3.6	8.2
		36.2	60	67.7	961500	733800	66.65	4.2	3.2	7.5
		36.4	70	77.7	957000	709800	72.3	3.9	2.9	6.8
		36.6	80	87.6	952000	684600	78.35	3.6	2.6	6.1
		36.8	90	97.6	948500	659400	84.75	3.3	2.3	5.6
		37	100	100.6	944500	632400	91.6	3.0	2.0	5.0
		37.2	110	117.6	942000	604200	99	2.8	1.8	4.6
		37.4	120	127.6	938500	573600	106.85	2.6	1.6	4.1
		37.7	130	137.6	937500	544080	115.35	2.4	1.4	3.8
	37.7	140	147.6	936000	538800	118.45	2.3	1.3	3.6	
	50°F	42.7	50	58.8	1103000	890000	62.3	5.2	4.2	9.4
		43.1	60	68.8	1094000	863500	68.4	4.7	3.7	8.4
		43.4	70	78.7	1088000	837500	73.4	4.3	3.3	7.7
		43.6	80	88.6	1080000	809000	79.6	4.0	3.0	7.0
		43.9	90	98.6	1072500	768000	86.1	3.7	2.6	6.3
		44.1	100	108.6	1065000	738000	93.1	3.4	2.3	5.7
		44.3	110	118.6	1058000	714000	100.4	3.1	2.1	5.2
		44.6	120	128.5	1051000	676000	108.6	2.8	1.8	4.7
		44.9	130	137.5	1046500	638000	117.4	2.6	1.6	4.2
	45.1	140	148.5	1041500	609000	126.0	2.4	1.4	3.8	
	60°F	52	50	59.7	1211500	997000	62.8	5.7	4.7	10.3
		52.3	60	69.6	1200500	967800	68.2	5.2	4.2	9.3
		52.5	70	79.6	1191500	939000	74.0	4.7	3.7	8.4
		52.8	80	89.5	1180000	906000	80.3	4.3	3.3	7.6
		53	90	99.4	1170500	874200	86.9	3.9	2.9	6.9
		53.3	100	100.4	1161000	840000	94.1	3.6	2.6	6.2
		53.6	110	119.3	1150500	804600	101.5	3.3	2.3	5.6
		53.9	120	129.3	1138500	762000	110.4	3.0	2.0	5.0
		54.2	130	139.2	1131500	726600	118.6	2.8	1.8	4.6
	54.5	140	149.1	1123500	686400	126.6	2.6	1.6	4.2	
	70°F	61.1	50	60.6	1330000	1114200	63.3	6.2	5.2	11.3
		61.2	60	70.5	1316500	1098000	68.8	5.6	4.7	10.3
		61.6	70	80.5	1304500	1050000	74.7	5.1	4.1	9.2
		61.9	80	90.4	1290000	1013400	81.0	4.7	3.7	8.3
		62.2	90	100.4	1277500	978000	87.8	4.3	3.3	7.5
		62.5	100	110.3	1264500	940800	95.0	3.9	2.9	6.8
		62.7	110	120.1	1252500	900600	102.7	3.6	2.6	6.1
		63.1	120	130	1236000	855000	111.8	3.2	2.2	5.5
		63.5	130	139.9	1225000	816600	119.8	3.0	2.0	5.0
	63.8	140	149.9	1213500	772200	129.4	2.7	1.7	4.5	
	80°F	70	50	61.7	1459000	1242000	63.7	6.7	5.7	12.4
		70.3	60	71.5	1442500	1206000	69.3	6.1	5.1	11.2
70.6		70	81.4	1428000	1171200	75.3	5.6	4.6	10.1	
70.9		80	91.3	1411500	1132800	81.7	5.1	4.1	9.1	
71.2		90	101.2	1397000	1096200	88.0	4.7	3.7	8.3	
71.7		100	111.1	1376500	1049400	95.8	4.2	3.2	7.4	
72		110	121	1360500	1007400	103.6	3.9	2.9	6.7	
72.4		120	131	1344500	962400	112.0	3.5	2.5	6.0	
72.8		130	140.9	1327500	915000	120.9	3.2	2.2	5.4	
73.1	140	150.7	1312000	866400	130.6	2.9	1.9	4.9		
90°F	78.9	50	62.8	1599500	1380600	64.2	7.3	6.3	13.6	
	79.35	60	72.7	1579500	1341600	69.8	6.6	5.6	12.3	
	79.8	70	82.5	1562000	1303200	78.1	5.9	4.9	10.8	
	80.25	80	92.3	1540000	1259400	82.3	5.5	4.5	10.0	
	80.7	90	102.1	1521500	1217400	89.0	5.0	4.0	9.0	
	81.15	100	111.9	1499500	1170000	96.5	4.6	3.6	8.1	
	81.6	110	121.5	1481000	1103000	104.2	4.2	3.1	7.3	
	82.05	120	131.1	1458500	1073400	112.8	3.8	2.8	6.6	
	82.5	130	140.9	1438500	1023000	121.5	3.5	2.5	5.9	
83	140	150.7	1416500	969600	131.7	3.2	2.2	5.3		

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