

Application Ratings

Cooling Cycle

Models PCCH and PCCR

Size	CFM	Capacity	Entering Air Dry Bulb Temperature								
			90°F			95°F			100°F		
			Entering Air Wet Bulb Temp.			Entering Air Wet Bulb Temp.			Entering Air Wet Bulb Temp.		
			76°F	78°F	80°F	76°F	78°F	80°F	76°F	78°F	80°F
071	1000	Total	65,771	67,887	69,991	64,665	66,700	68,783	63,771	65,614	67,539
		Sensible	35,735	33,240	30,706	40,809	38,325	35,826	45,942	43,427	40,915
		Watts	5,602	5,644	5,677	5,902	5,927	5,963	6,222	6,257	6,280
	1100	Lv. Db/Wb	57.8/57.7	60.1/60.0	62.5/62.4	58.2/58.1	60.6/60.4	62.3/62.2	58.6/58.4	61.0/60.8	63.1/63.0
		Total	66,883	68,958	71,048	65,712	67,768	69,805	64,921	66,748	68,524
		Sensible	37,301	34,565	31,803	42,922	40,222	37,486	48,656	45,914	43,136
	1200	Watts	5,666	5,699	5,733	5,958	5,994	6,020	6,282	6,317	6,338
		Lv. Db/Wb	59.5/59.4	61.9/61.7	64.2/64.1	59.8/59.7	62.2/62.0	64.6/64.4	60.2/60.0	62.4/62.3	64.8/64.7
		Total	67,766	69,831	71,908	66,704	68,613	70,636	65,877	67,688	69,477
101	1000	Sensible	38,846	35,884	32,898	45,054	42,101	39,144	51,195	48,364	45,401
		Watts	5,719	5,752	5,785	6,015	6,047	6,073	6,339	6,373	6,395
		Lv. Db/Wb	60.9/60.8	63.3/63.1	65.5/65.4	61.2/61.1	63.5/63.4	65.8/65.7	61.4/61.3	61.4/61.3	66.2/66.0
	1100	Total	86,690	89,773	92,917	85,415	88,468	91,585	84,076	87,090	90,139
		Sensible	44,085	41,586	39,036	48,987	46,517	43,999	53,816	51,403	48,901
		Watts	7,830	7,877	7,927	8,222	8,271	8,322	8,634	8,686	8,721
	1300	Lv. Db/Wb	50.3/50.0	52.5/52.3	54.8/54.6	50.8/50.5	53.0/52.8	55.5/55.2	51.4/51.1	53.5/53.3	55.8/55.7
		Total	89,787	92,845	96,046	88,223	91,341	94,519	86,673	89,755	92,900
		Sensible	45,514	42,658	39,960	50,462	48,170	45,347	56,120	53,456	50,762
1500	Watts	7,780	7,817	7,856	8,181	8,221	8,262	8,610	8,652	8,695	
	Lv. Db/Wb	52.0/52.0	54.4/54.3	56.7/56.7	52.9/52.5	54.8/54.8	57.2/57.2	53.2/53.2	55.4/55.4	57.7/57.7	
	Total	93,797	96,744	99,949	91,987	95,123	98,276	90,307	93,411	96,570	
141	1100	Sensible	48,723	45,525	42,250	55,328	52,054	48,750	61,430	58,515	55,273
		Watts	7,905	7,941	7,982	8,306	8,347	8,374	8,736	8,779	8,824
		Lv. Db/Wb	55.6/55.6	57.9/57.9	60.2/60.2	56.0/56.0	58.3/58.3	60.6/60.6	56.6/56.6	58.7/58.7	61.0/61.0
	1400	Total	96,797	99,620	102,818	94,770	97,912	101,098	92,991	96,102	99,263
		Sensible	52,015	48,300	44,457	59,582	55,750	51,986	67,018	63,272	59,585
		Watts	8,018	8,054	8,095	8,148	8,460	8,503	8,850	8,893	8,939
	1700	Lv. Db/Wb	58.2/58.2	60.5/60.5	62.8/62.8	58.6/58.6	60.9/60.9	63.2/63.2	59.0/59.0	61.3/61.3	63.6/63.6
		Total	110,033	114,076	118,219	108,289	112,291	116,395	106,434	110,380	114,479
		Sensible	54,583	51,885	48,890	59,885	58,315	54,215	65,025	62,215	59,390
2000	Watts	10,884	10,968	11,056	11,509	11,599	11,692	12,148	12,243	12,342	
	Lv. Db/Wb	44.5/44.4	46.7/46.7	49.1/49.1	45.1/45.1	46.4/46.1	49.8/49.8	45.8/45.8	48.1/48.1	50.5/50.5	
	Total	119,035	123,160	127,353	116,973	121,063	125,219	114,832	118,857	122,951	
1800	Sensible	60,000	56,240	52,785	66,580	63,225	59,555	73,565	69,785	66,290	
	Watts	11,217	11,306	11,397	11,791	11,917	12,014	12,471	12,570	12,635	
	Lv. Db/Wb	50.7/50.7	53.1/53.0	55.4/55.4	51.4/51.3	53.6/53.6	56.0/56.0	51.8/51.8	54.3/54.3	56.6/56.5	
181	1800	Total	125,108	129,262	133,450	122,878	126,960	131,108	120,516	124,559	128,664
		Sensible	64,850	60,650	56,185	73,250	69,000	64,755	81,550	77,355	73,000
		Watts	11,439	11,556	11,649	12,077	12,141	12,240	12,730	12,831	12,899
	2000	Lv. Db/Wb	55.0/55.0	57.3/57.3	59.7/59.7	55.5/55.5	57.8/57.8	60.1/60.1	56.0/56.0	58.3/58.3	60.6/60.6
		Total	129,422	133,534	137,724	127,045	131,123	135,255	124,472	128,567	132,667
		Sensible	69,550	63,550	59,555	79,650	74,585	69,650	89,385	84,685	79,515
	2200	Watts	11,652	11,744	11,863	12,292	12,359	12,459	12,953	13,052	13,158
		Lv. Db/Wb	58.1/58.1	60.8/60.4	62.7/62.7	58.5/58.5	60.8/60.8	63.1/63.1	59.0/59.0	61.2/61.2	63.5/63.5
		Total	158,062	163,772	169,604	155,372	161,018	166,746	152,577	158,127	163,818
2500	Sensible	79,275	74,850	70,260	87,530	84,520	79,955	96,600	92,000	88,694	
	Watts	14,025	14,110	14,198	14,721	14,809	14,876	15,463	15,525	15,620	
	Lv. Db/Wb	49.6/49.6	51.9/51.9	54.2/54.2	50.4/50.2	51.9/51.4	54.8/54.8	50.8/50.8	53.1/53.1	54.8/53.7	
1800	Total	163,097	168,835	174,676	160,264	165,974	171,773	157,326	162,939	168,642	
	Sensible	82,850	77,867	72,355	92,595	87,490	82,385	102,175	97,315	90,000	
	Watts	14,156	14,243	14,334	14,849	14,965	15,058	15,619	15,713	15,780	
2000	Lv. Db/Wb	52.0/52.0	54.3/54.3	56.8/56.8	52.5/52.5	54.9/54.9	57.2/57.2	53.1/53.1	55.4/55.4	58.7/58.7	
	Total	167,365	173,082	178,928	164,383	170,059	175,859	161,279	166,915	172,635	
	Sensible	82,350	80,505	75,337	96,985	91,425	87,000	107,600	102,265	96,745	
2200	Watts	14,317	14,386	14,477	15,016	15,083	15,178	15,762	15,857	15,926	
	Lv. Db/Wb	55.7/55.7	56.4/56.4	58.6/58.6	54.6/54.6	56.9/56.9	58.7/58.2	55.1/55.1	57.4/57.4	59.7/59.7	
	Total	172,495	178,219	184,113	169,348	175,037	180,837	166,068	171,719	177,447	
2500	Sensible	90,850	84,366	78,250	103,320	97,055	90,855	116,994	109,650	103,355	
	Watts	14,511	14,581	14,692	15,211	15,280	15,377	15,958	16,055	16,126	
	Lv. Db/Wb	56.7/56.7	59.0/59.0	61.3/61.3	57.1/57.1	59.4/59.4	61.7/61.7	57.5/57.5	59.8/59.8	62.1/62.1	

Note: Air entering the condenser and evaporator are at the same temperature for 100% outside air units.

[Return to Packaged Cooling Catalog \(C-PC\) Table of Contents](#)

Application Ratings

Cooling Cycle Models PCCH and PCCR

Model	CFM	Capacity	Entering Air Dry Bulb Temperature								
			90°F			95°F			100°F		
			Entering Air Wet Bulb Temp.			Entering Air Wet Bulb Temp.			Entering Air Wet Bulb Temp.		
			76°F	78°F	80°F	76°F	78°F	80°F	76°F	78°F	80°F
201	1800	Total	169,000	175,000	182,000	166,000	172,000	178,000	162,000	169,000	175,000
		Sensible	85,700	80,600	76,200	94,100	89,900	84,700	102,000	98,400	94,000
		Watts	15,500	15,700	16,000	16,100	16,400	16,600	16,700	17,000	17,200
		Lv. Db/Wb	46.8/46.7	49.0/49.0	51.3/51.3	47.6/47.3	49.7/49.6	51.9/51.9	48.4/47.9	50.4/50.2	52.6/52.5
	2200	Total	180,000	187,000	193,000	177,000	183,000	190,000	173,000	179,000	186,000
		Sensible	93,000	87,100	81,600	103,000	98,300	92,400	114,000	109,000	104,000
		Watts	16,100	16,300	16,500	16,700	16,900	17,200	17,300	17,600	17,800
		Lv. Db/Wb	51.7/51.5	53.8/53.8	56.2/56.2	52.4/52.0	54.5/54.3	56.7/56.7	53.0/52.5	55.1/54.8	57.3/57.2
	2600	Total	188,000	195,000	202,000	185,000	191,000	198,000	181,000	187,000	194,000
		Sensible	99,500	93,500	86,600	112,000	106,000	100,000	125,000	119,000	113,000
		Watts	16,500	16,700	16,900	17,100	17,400	17,600	17,800	18,000	18,300
		Lv. Db/Wb	55.3/55.0	57.4/57.3	59.7/59.7	55.8/55.5	58.0/57.8	60.1/60.1	56.4/55.9	58.5/58.2	60.7/60.6
3000	Total	195,000	201,000	208,000	191,000	197,000	204,000	187,000	193,000	199,000	
	Sensible	106,000	98,700	91,300	121,000	113,000	106,000	135,000	128,000	121,000	
	Watts	16,900	17,100	17,300	17,500	17,700	18,000	18,100	18,400	18,700	
	Lv. Db/Wb	58.0/57.7	60.2/60.0	62.4/62.4	58.6/58.1	60.7/60.4	62.8/62.7	59.1/58.5	61.2/60.8	63.3/63.1	
271	2500	Total	231,000	240,000	248,000	227,000	236,000	244,000	223,000	231,000	240,000
		Sensible	118,000	110,000	104,000	129,000	123,000	116,000	140,000	135,000	129,000
		Watts	24,700	25,100	25,600	25,600	26,100	26,500	26,600	27,000	27,500
		Lv. Db/Wb	47.3/47.2	49.5/49.5	52.0/52.0	48.1/47.7	50.2/50.1	52.5/52.5	49.1/48.3	51.0/50.7	53.2/53.0
	3000	Total	245,000	253,000	262,000	240,000	249,000	258,000	236,000	244,000	252,000
		Sensible	126,000	119,000	111,000	140,000	133,000	126,000	156,000	147,000	140,000
		Watts	25,600	26,000	26,500	26,600	27,000	27,500	27,500	28,000	28,500
		Lv. Db/Wb	51.8/51.6	54.0/54.0	56.4/56.4	52.7/52.1	54.7/54.4	56.8/56.8	53.3/52.6	55.6/54.9	57.7/57.3
	3500	Total	255,000	264,000	272,000	250,000	259,000	267,000	245,000	254,000	262,000
		Sensible	134,000	126,000	117,000	150,000	142,000	134,000	167,000	159,000	151,000
		Watts	26,300	26,700	27,200	27,300	27,800	28,200	28,300	28,800	29,300
		Lv. Db/Wb	55.2/54.9	57.4/57.2	59.6/59.6	56.1/55.3	58.2/57.7	60.2/60.0	56.8/55.7	58.8/58.1	60.9/60.4
4000	Total	263,000	271,000	280,000	258,000	266,000	275,000	253,000	260,000	269,000	
	Sensible	141,000	132,000	123,000	160,000	151,000	142,000	179,000	170,000	161,000	
	Watts	26,900	27,300	27,800	27,900	28,400	28,800	28,900	29,500	29,900	
	Lv. Db/Wb	58.0/57.4	60.1/59.8	62.2/62.1	58.6/57.8	60.8/60.1	62.8/62.5	59.3/58.2	61.6/60.5	63.5/62.8	
361	3200	Total	287,000	298,000	309,000	283,000	294,000	304,000	278,000	289,000	299,000
		Sensible	147,000	138,000	130,000	162,000	154,000	145,000	176,000	170,000	162,000
		Watts	30,300	30,700	31,100	31,300	31,700	32,200	32,300	32,700	33,200
		Lv. Db/Wb	48.5/48.3	50.6/50.6	53.0/53.0	49.2/48.8	51.3/51.1	53.4/53.4	50.0/49.3	52.0/51.6	54.1/53.9
	3800	Total	303,000	314,000	325,000	299,000	309,000	320,000	293,000	304,000	314,000
		Sensible	157,000	148,000	138,000	175,000	166,000	157,000	193,000	184,000	175,000
		Watts	31,200	31,600	32,000	32,100	32,600	33,000	33,200	33,700	34,200
		Lv. Db/Wb	52.5/52.3	54.6/54.6	57.0/57.0	53.2/52.7	55.3/55.0	57.4/57.4	54.0/53.2	56.0/55.4	58.1/57.8
	4400	Total	315,000	326,000	337,000	310,000	321,000	332,000	304,000	315,000	326,000
		Sensible	166,000	156,000	145,000	188,000	177,000	167,000	208,000	199,000	189,000
		Watts	31,900	32,300	32,700	32,900	33,300	33,800	34,000	34,400	34,900
		Lv. Db/Wb	55.7/55.3	57.8/57.6	60.0/60.0	56.3/55.7	58.5/58.0	60.5/60.3	57.1/56.1	59.0/58.4	61.1/60.7
5000	Total	325,000	336,000	347,000	319,000	330,000	341,000	313,000	323,000	335,000	
	Sensible	175,000	164,000	152,000	199,000	188,000	176,000	224,000	212,000	201,000	
	Watts	32,400	32,800	33,300	33,500	33,900	34,400	34,600	35,100	35,500	
	Lv. Db/Wb	58.2/57.7	60.3/60.0	62.4/62.3	58.8/58.0	61.0/60.3	63.1/62.6	59.4/58.3	61.6/60.6	63.6/62.9	

Note: Air entering the condenser and evaporator are at the same temperature for 100% outside air units.

[Return to Packaged Cooling Catalog \(C-PC\) Table of Contents](#)