

Unit Selection:

Due to a high number of possible product configurations, specifying PCCA or PCDA models is based on a building block approach. The first step in this process begins with model type and size (see following example). Thereafter, the unit is configured by adding available factory and field installed options.

Model Size Selection

Model PCCA - 100% outside air packaged cooling system

Model PCDA - 100% outside air packaged cooling system with reheat

If an application calls for a 100% outside air packaged heating and cooling system with dehumidification at 20 tons of cooling and 350,000 BTUH of heating, the model size designation would be

Cooling Capacity			
PCCA		PCDA	
Size	Tons	Size	Tons
60	5	87	7
96	8	123	10
120	10	147	12
130	11	176	15
135	11	162	14
150	13	177	15
160	14	206	17
180	15	226	19
195	16	241	20
210	18	256	21
225	19	271	23
165	14	223	19
170	14	228	19
190	16	268	22
215	18	293	24
240	20	298	25
277	23	335	28
360	30	438	36

Heating Capacity	
Size	BTUH
000	*
100	100,000
125	125,000
150	150,000
175	175,000
200	200,000
225	225,000
250	250,000
300	300,000**
350	350,000
400	400,000**
500	500,000**
600	600,000**
700	700,000**

Selection
Model PCDA - 241 - 350

* If no heating is required, select size 000

** Dual furnace units

Application Notes:

- For Proper Equipment Application, Review Application Bulletin Form No. RZ-T-PC
- Verification of equipment performance should precede equipment selection. Use Reznor's MAP's Calculator to confirm performance for both heating and cooling modes.
- Installations where summer cooling or dehumidification duration is 3 - 4 months should be evaluated for heat/vent/cool switch. This unit or wall mounted switch overrides cooling changeover set points, preventing unnecessary cooling operation during winter months.

Hot Gas Bypass Guidelines:

Hot Gas Bypass is recommended for high outside air applications where equipment provides only one or two stage cooling control. Bypass is installed only on the lead compressor. Selection of the Hot Gas Bypass option for modulating purposes should be based on Design CFM/Ton, cooling coil set point and outside air cooling change over temperature.

General guidelines include:

- 1 stage – Always specify hot gas bypass option
- 2 stage < 260 CFM/ton { PCDA < 185 CFM/ton}
- 3 stage < 175 CFM/ton { PCDA < 150 CFM/ton}
- 4 Stage < 165 CFM/ton {PCDA < 130 CFM/Ton}

Filters:

100% outside air systems typically require more frequent inspection than return air systems. Pleated filters are preferred only if existing makeup air installations have shown no evidence of filter degradation due to heavy moisture loading. Permanent filters are recommended in ASHRAE defined humid climates or areas with heavy rainfall. Pleated filters are recommended for any environments with a history of particulate loading and coil cleaning.

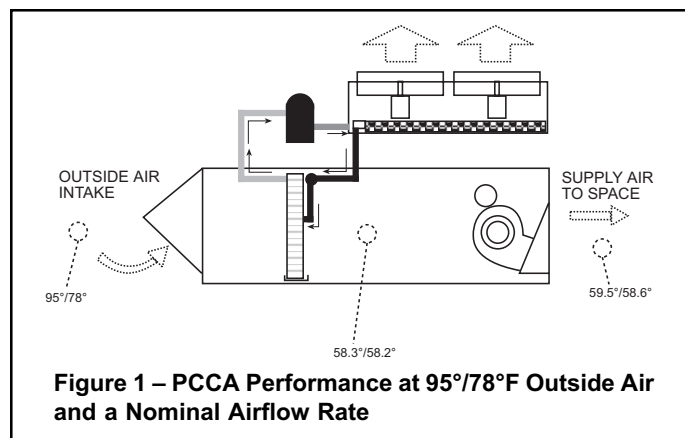
Enthalpy Control:

Dew point or enthalpy control is recommended for 100% outside air applications (active cooling & dehumidification with 100% outside air). Additionally it is recommended for 100% outside applications where hot gas bypass has not been specified. Enthalpy control allows cooling to 65°F outdoor dry bulb at a maximum 55°F dewpoint. Enthalpy control is standard on all PCDA's.

MAPS™ Overview

Each PCCA system is specifically designed for conditioning high outside or mixed air quantities in dry, humid or semi-humid climates. Although the PCCA is an all weather rooftop, the PCDA series is only applied in climates where dehumidification is required. Typically, this represents geographical areas that see a 60°F dewpoint frequency greater than 400 hours per year.

To illustrate the dehumidification performance of the PCDA rooftop, the performance of a stand-alone PCCA (Figure 1) is compared to the PCDA (Figure 2) at 95°/78°F dry bulb/wet bulb.



Note that the PCCA is a typical air conditioning unit utilizing air cooled condensers (evaporator heat removal is rejected to the outdoor ambient).

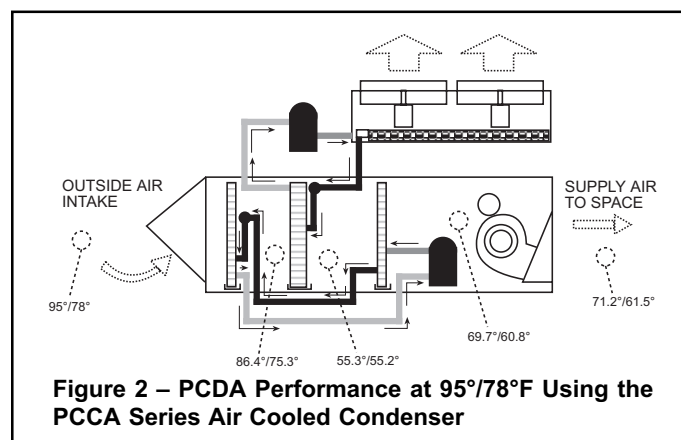
Note that the PCDA uses basic refrigeration design for dehumidification and reheat. One coil is installed upstream and another downstream of the PCCA evaporator coil. The upstream PCDA evaporator tempers outside air and lowers wet bulb depression to the PCCA evaporator coil (86.4°/75.3°F). The heat removed from the PCDA evaporator is rejected to the PCDA indoor condenser coil which is located downstream of the PCCA evaporator coil (71.2°/61.5°F, including compressor heat of compression). If the PCCA evaporator coil were removed, the PCDA would resemble a standard residential dehumidifier.

MAPS™ Overview (cont'd)

Since the PCDA refrigeration circuit is independent of the PCCA condensing unit, dehumidifier performance is relatively constant so long as discharge air set point is maintained. ***This also translates into ease of commissioning and verification of dehumidifier performance under mild or extreme conditions.*** Other package systems that use hot gas and/or sub cooling reheat recovery must maintain higher than needed condenser head pressures for reliable operation and adequate reheat. Under part load humidity conditions, poor performance of hot gas reheat and sub cooling reheat systems can be caused by compressor unloading and changing refrigerant conditions. ***Service, diagnosis and performance of hot gas reheat and sub cooling reheat systems can be difficult to verify at conditions other than design.***

The PCDA dehumidifier condenser provides a nominal 10 to 17 degrees of reheat to the supply air stream. This temperature rise is accomplished with high compressor COP's and low air pressure drop coils. ***For equivalent reheat performance, other technologies, such as heat pipes or flat plate heat exchangers have greater than 10 times the air pressure drop of the PCDA dehumidifier.*** While the PCDA compressor consumes additional energy during dehumidification modes, the year round benefit of reduced fan energy results in lower annual energy costs.

Additionally, performance of wrap around heat pipes or flat plate heat exchangers is totally dependent on the main evaporator coil supplying a temperature gradient (the PCDA can cool, dehumidify and reheat independently when the main evaporator coil is disabled). If the main evaporator coil is off-line, no dehumidification is possible with wraparound systems. Typically, the PCDA evaporator can operate in a stand-alone capacity down to 65°F and 55% relative humidity outdoor ambient without reaching a coil frost temperature.



TECHNICAL OVERVIEW - Models PCCA and PCDA

The Maps series rooftop product line is designed for treatment of high outside air quantities in any climate. Heating capabilities are shown (see Model Size Selection section). Heating options are capable of providing 30 to 100 degree temperature rise across the product air flow range. Total external static pressure capabilities of 2.25" w.c. can be accomplished with a wide range of supply fan motors up to 10 BHP.

The following tables provide a reference of airflow ranges, compressor staging, tonnage and performance. Shaded model numbers indicate higher return air capabilities. Additional information can be found by running the MAPS Software Calculator program available from your Reznor Representative.

Technical Data - Models PCCA and PCDA

Model PCCA	Model PCDA	Capacity Steps PCCA/PCDA	PCCA Cooling Compressor(s) ^C		PCCA R22 Charge (lbs)	PCCA Condenser					PCCA Evaporator Coil			Condensate Drains		PCCA Air Flow Range (CFM) ^D
			Nominal Tons	Qty		Coils		Fans			Face Area	Rows	FPI	Qty	Size	
						Face Area	Rows Deep	Qty	HP	CFM						
Cabinet A Models																
060	087	1/2	5	1	8	7.2 sq ft	3	1	0.75	4000	6.3 sq ft	3	12	2	1" PVC	850 - 3000
096	123	3/4	3 / 5	1 / 1	4.4 / 6.6	7.2 sq ft	3	1	0.75	4000	6.3 sq ft	4	12	2	1" PVC	950 - 3000
120	147	2/3	5	2	8.2 / 8.2	14.4 sq ft	3	2	0.75	8000	6.3 sq ft	6	14 ^A	2	1" PVC	1500 - 3150
130	176	2/3	5	2	8.2 / 8.2	14.4 sq ft	3	2	0.75	8000	8.0 sq ft	4	12	2	1" PVC	2200 - 4000
135	162	2/3	5 / 6.25	1 / 1	8.2 / 8.2	14.4 sq ft	3	2	0.75	8000	6.3 sq ft	6	14 ^A	2	1" PVC	1700 - 3150
150	177	2/3	6.25	2	8.2 / 8.2	14.4 sq ft	3	2	0.75	8000	6.3 sq ft	6	14 ^A	2	1" PVC	1700 - 3150
160	206	2/3	6.25	2	8.2 / 8.2	14.4 sq ft	3	2	0.75	8000	8.0 sq ft	4	12	2	1" PVC	2300 - 4000
180	226	3/4	5	3	8.2 / 8.2 / 8.2	21.6 sq ft	3	3	0.75	12000	8.0 sq ft	6	14 ^A	2	1" PVC	2600 - 4000
195	241	3/4	5 / 6.25	2 / 1	8.2 / 8.2 / 8.2	21.6 sq ft	3	3	0.75	12000	8.0 sq ft	6	14 ^A	2	1" PVC	2700 - 4000
210	256	3/4	5 / 6.25	1 / 2	8.2 / 8.2 / 8.2	21.6 sq ft	3	3	0.75	12000	8.0 sq ft	6	14 ^A	2	1" PVC	2800 - 4000
225	271	3/4	6.25	3	8.2 / 8.2 / 8.2	21.6 sq ft	3	3	0.75	12000	8.0 sq ft	6	14 ^A	2	1" PVC	3000 - 4000
Cabinet B Models																
165	223	2/3	10 ^B	1	17	14.4 sq ft	3	2	0.75	8000	11.45 sq ft	4	12	2	1" PVC	2400 - 5750
170	228	2/3	11.25 ^B	1	16	14.4 sq ft	3	2	0.75	8000	11.45 sq ft	4	12	2	1" PVC	2600 - 5750
190	268	3/4	5 / 10 ^B	1 / 1	8 / 16	21.6 sq ft	3	3	0.75	12000	13.4 sq ft	4	12	2	1" PVC	3000 - 6700
215	293	3/4	5 / 11.25 ^B	1 / 1	8 / 15	21.6 sq ft	3	3	0.75	12000	13.4 sq ft	4	12	2	1" PVC	2700 - 6700
240	298	4/5	10 ^B	2	16 / 16	27.8 sq ft	3	4	0.75	16000	11.45 sq ft	6	13	2	1" PVC	3100 - 5750
277	335	4/5	11.25 ^B	2	15 / 15	27.8 sq ft	3	4	0.75	16000	11.45 sq ft	6	13	2	1" PVC	3200 - 5750
360	438	6/7	10 ^B	3	13 / 13 / 12.5	30.8 sq ft	4	4	0.75	16000	14.2 sq ft	6	13	2	1" PVC	4800 - 7100

^A 12 FPI Coil Available

^B Tandem Compressors

^C Cooling only. Does not include dehumidification compressor.

^D Review airflow ranges with gas furnace options. PCDA minimum air flow ranges vary.

N/A Model is Not Available

TECHNICAL OVERVIEW - Models PCCA and PCDA (cont'd)**Technical Data Dehumidifier - Model PCDA only**

The PCDA models have the same main refrigeration circuits as their PCCA counterparts with the addition of a Dehumidifier Circuit that enhances each model's latent capacity and reheats the supply air.

Cabinet Size	Model PCDA	Dehumidifier Evaporator		Compressor(s)		Dehumidifier Condenser		R22 Charge (lbs)
		Face Area	Rows	Nominal Tons	Qty	Face Area	Rows	
Cabinet Size A	087	6.1 sq ft	1	2.20	1	6.1 sq ft	1	3.0
	123	6.1 sq ft	1	2.20	1	6.1 sq ft	1	3.0
	147	6.1 sq ft	1	2.20	1	6.1 sq ft	1	3.0
	162	6.1 sq ft	1	2.20	1	6.1 sq ft	1	3.0
	176	7.8 sq ft	1	3.80	1	7.8 sq ft	1	4.0
	177	6.1 sq ft	1	2.20	1	6.1 sq ft	1	3.0
	206	7.8 sq ft	1	3.80	1	7.8 sq ft	1	4.0
	226	7.8 sq ft	1	3.80	1	7.8 sq ft	1	4.0
	241	7.8 sq ft	1	3.80	1	7.8 sq ft	1	4.0
	256	7.8 sq ft	1	3.80	1	7.8 sq ft	1	4.0
271	7.8 sq ft	1	3.80	1	7.8 sq ft	1	4.0	
Cabinet Size B	223	10.9 sq ft	1	4.80	1	10.9 sq ft	1	5.0
	228	10.9 sq ft	1	4.80	1	10.9 sq ft	1	5.0
	268	13.8 sq ft	1	6.50	1	13.8 sq ft	1	7.9
	293	13.8 sq ft	1	6.50	1	13.8 sq ft	1	7.9
	298	10.9 sq ft	1	4.80	1	10.9 sq ft	1	5.0
	335	10.9 sq ft	1	4.80	1	10.9 sq ft	1	5.0
	438	13.8 sq ft	1	6.50	1	13.8 sq ft	1	7.9

Approximate Net Weight**Models PCCA and PCDA - Cooling Only**

PCCA	Size	060	096	120	130	135	150	160	180	195	210	225	165	170	190	215	240	277	360
	lbs	1670	1800	1930	1980	1930	1930	1980	2650	2650	2650	2650	2400	2400	2610	2610	2860	2860	3440
kg	759	818	877	900	877	877	900	1205	1205	1205	1205	1091	1091	1186	1186	1300	1300	1564	
PCDA	Size	087	123	147	176	162	177	206	226	241	256	271	223	228	268	293	298	335	438
	lbs	1820	1950	2080	2130	2080	2080	2130	2830	2830	2830	2830	2640	2640	2850	2850	3100	3100	3700
kg	827	886	945	968	945	945	968	1286	1286	1286	1286	1200	1200	1295	1295	1409	1409	1682	

Models PCCA and PCDA - with Heating Section

PCCA	060, 096							120, 130, 135, 150, 160							180, 195, 210, 225						
Heat Section	100	125	150	175	200	225	300	150	175	200	225	300	400	150	175	200	225	300	400		
lbs	2000	2000	2040	2040	2060	2060	2280	2170	2170	2190	2190	2410	2450	2895	2895	2915	2915	3140	3180		
kg	909	909	927	927	936	936	1036	986	986	995	995	1095	1114	1316	1316	1325	1325	1427	1445		
PCDA	087, 123							147, 176, 162, 177, 206							226, 241, 256, 271						
Heat Section	100	125	150	175	200	225	300	150	175	200	225	300	400	150	175	200	225	300	400		
lbs	2150	2150	2190	2190	2210	2210	2430	2320	2320	2340	2340	2560	2600	3070	3070	3090	3090	3320	3350		
kg	977	977	995	995	1005	1005	1105	1055	1055	1064	1064	1164	1182	1395	1395	1405	1405	1509	1523		
PCCA	165, 170				190, 215					240, 277					360						
Heat Section	250	350	500	600	250	350	500	600	700	250	350	500	600	700	250	350	500	600	700		
lbs	2710	2750	3020	3020	2920	2960	3230	3230	3310	3170	3210	3480	3480	3560	3750	3790	4060	4060	4140		
kg	1232	1250	1373	1373	1327	1345	1468	1468	1505	1441	1459	1582	1582	1618	1705	1723	1845	1845	1882		
PCDA	223, 228				268, 293					298, 335					438						
Heat Section	250	350	500	600	250	350	500	600	700	250	350	500	600	700	250	350	500	600	700		
lbs	2960	3000	3270	3270	3170	3210	3480	3480	3560	3420	3460	3730	3730	3810	4020	4060	4330	4330	4410		
kg	1345	1364	1486	1486	1441	1459	1582	1582	1618	1555	1573	1695	1695	1732	1827	1845	1968	1968	2005		

TECHNICAL OVERVIEW - Models PCCA and PCDA (cont'd)

Application Ratings - Cooling Only Systems (PCCA)

100% Outside Air Performance - Humid Climates

Cabinet Size	Entering Cond & Evap		95 Degree F Dry Bulb								
	Entering Evap Wet Bulb		75 Degree F Wet Bulb				78 Degree F Wet Bulb				
	PCCA Size	SCFM	Cooling LDB (F)	Total Btu/hr	Latent Btu/hr	Power (Watts ^A)	Cooling LDB (F)	Total Btu/hr	Latent Btu/hr	Power (Watts ^A)	55 (F) ^B SCFM
Cabinet Size A	060	1200	59.3	67.2	20.9	5527	62.6	71.1	29.1	5682	- ^C
	096	1400	56.6	89.5	31.4	7903	59.8	95.1	41.8	8068	1080
	120	2200	57.9	134	45.7	11208	61	142.4	61.7	11542	1600
	130	2400	58.8	139.2	45.3	11529	62.1	147.2	61.9	11837	- ^C
	135	2400	58.2	143.8	48.6	12983	61.4	152.7	65.8	13424	1700
	150	2600	58.6	153.5	51.3	14803	61.8	162.9	69.7	15357	1800
	160	2800	59.2	159.2	51.1	15273	62.6	168.2	70.1	15800	- ^C
	180	3100	57.1	196.1	69.2	17007	60.3	208.3	92.1	17500	2375
	195	3300	57.5	205.8	72	18816	60.6	218.5	96.1	19410	2475
	210	3400	57.3	213.9	75.4	20413	60.5	226.9	100.2	21106	2575
225	3500	57.1	221.9	78.7	22075	60.3	235.3	104.3	22868	2675	
Cabinet Size B	165	2800	61	143.2	40.3	12054	64	153.7	60.1	12265	- ^C
	170	3000	60.7	155.8	44.8	12687	63.8	166.8	65.9	12983	- ^C
	190	4000	59.9	219.2	67.3	18671	63	233.3	95.2	18958	- ^C
	215	4600	60.5	244	72.7	19870	63.7	259.4	103.9	20260	2800
	240	4700	58.7	276.9	92.4	24810	61.6	297	127.7	25247	3250
	277	4800	57.8	295.4	102.3	25769	60.8	316.1	138.7	26342	3540
	360	6200	57.4	387.4	136	36955	60.4	415	183.6	37622	4600

Cooling and ReHeat Systems (PCDA)

100% Outside Air Performance - Humid Climates

Cabinet Size	Entering Cond & Evap		95 Degree F Dry Bulb										
	Entering Evap Wet Bulb		75 Degree F Wet Bulb					78 Degree F Wet Bulb					
	PCDA Size	SCFM	Cooling LDB (F)	Total Btu/hr	Latent Btu/hr	Power (Watts ^A)	Reheat LDB(F)	Cooling LDB(F)	Total Btu/hr	Latent Btu/hr	Power (Watts ^A)	Reheat LDB(F)	55 (F) ^B SCFM
Cabinet Size A	087	1400	56.7	87.5	29.5	6467	75.3	60	92.5	39.6	6630	78	- ^C
	123	1700	55.7	111.1	39	9100	72.2	59	117.7	51.6	9273	75.8	1390
	147	2300	54.9	156.2	56.5	12410	69	58.2	165.4	73.9	12770	71.6	1975
	162	2600	56.1	168	58.8	14456	69.2	59.4	177.9	78	14924	71.6	2100
	176	2700	56.2	173.5	60.3	13266	73.5	59.5	183.4	79.9	13608	77	- ^C
	177	2700	56.5	178.3	61.8	16360	67.7	59.8	188.6	82.2	16953	71.1	2200
	206	3000	56.2	192.7	67	16818	73.1	59.6	203.3	88.6	17387	75.8	2400
	226	3500	55.1	236.3	85.5	19610	71	58.4	250.6	112.1	20119	73.6	3000
	241	3700	55.5	246.7	88.6	21518	69.6	58.7	261.1	116.2	22192	73.2	3100
	256	3750	55	254.4	92.3	23075	69.5	58.3	269.5	120.9	23776	73.1	3200
271	3850	55.5	255.9	91.9	23374	70.3	58.8	270.9	120.5	24129	72.9	3300	
Cabinet Size B	223	3600	59.6	194.9	57.5	14614	76.3	62.8	208.2	83	14858	80.1	- ^C
	228	3700	59	207	63.3	15107	75.9	62.2	220.7	89.7	15419	79.7	- ^C
	268	4800	58.2	281	90.2	22236	74.8	61.4	298.9	124.7	22604	78.6	- ^C
	293	5000	57.6	301.6	99.6	23008	74	60.8	320.3	135.8	23462	77.2	- ^C
	298	5000	56.2	322.2	112.8	27142	71.1	59.3	344.2	151.4	27670	73.8	4000
	335	5000	55	339.4	123.3	27835	69.2	58.1	362.1	162.7	28400	72.8	4300
	438	6400	54.5	442.3	162.7	39863	69.7	57.6	472.3	213.9	40592	72.4	5600

NOTES:

- ^A Power (Watts) includes all power sources. Supply fan power is based on 0.5" w.c. of external static pressure
- ^B Supply Air Flow (SCFM) required to deliver 55°F dry bulb (based on 95/78 entering conditions)
- ^C To determine exact Standard CFM use the MAPS™ Calculator Program available from your Reznor Representative.

MORE NOTES:

- Double horizontal line indicates cabinet size change - see unit dimensions
- Use MAPS™ calculator for additional performance parameters
- Reheat LDB (F) includes supply motor heat (based on 0.5" w.c. external static)
- Total Cooling Capacity does not include supply motor heat
- PCDA: Total Cooling Capacity reflects gross cooling coil capacity only

TECHNICAL OVERVIEW - Models PCCA and PCDA (cont'd)

Application Ratings - Cooling Only Systems (PCCA)

High CFM/Ton Models - Mixed Air or Mild Climates

Cabinet Size	Entering Condenser DB		95 Degree F Dry Bulb					
	Entering Evap DB/WB		85/72 Degree F			85/64 Degree F		
	PCCA Size	SCFM	Total BTU/Hr	Latent Btu/hr	Power (Watts)	Total BTU/Hr	Latent Btu/hr	Power (Watts)
Cabinet Size A	060	2200	71.8	19.8	6253	64.9	0	5913
	096	2600	95.4	30.4	8903	85.1	0	8501
	130	3400	141	50.2	12724	122.6	1.1	11972
	160	3900	160.7	57.2	16878	140.3	1.5	15668
Cabinet Size B	165	4200	146.9	44.2	12935	130.6	0	12462
	170	4300	158.4	50.4	13546	139.9	0	12924
	190	5000	216.4	79.4	19449	184.9	3.7	18637
	215	6200	244	83.8	21570	210.6	0	20344

Dehumidification and ReHeat (PCDA)

High CFM/Ton Models - Mixed Air or Mild Climates

Cabinet Size	Entering Condenser DB		85 Degree F Dry Bulb									
	Entering Evap DB/WB		78/71 Degree F					75/69 Degree F				
	PCDA Size	SCFM	Total BTU/Hr	Latent Btu/hr	Power (Watts)	Cooling LDB (F)	Reheat LDB (F)	Total BTU/Hr	Latent Btu/hr	Power (Watts)	Cooling LDB (F)	Reheat LDB (F)
Cabinet Size A	087	1750	89.6	46.4	6428	55.1	70.2	86.6	45.1	6340	53	67.8
	123	2225	114.9	59.6	8739	55	67.5	111.2	58	8634	52.8	65.3
	176	3450	177.5	92.2	13423	55	69.2	171.8	89.7	13218	52.8	66.8
	206	3800	196.8	102.4	16935	55	68.5	190.5	99.6	16632	52.7	66.2
Cabinet Size B	223	3700	190.7	99	13420	55.1	71.1	184.1	96.6	13217	53.1	68.7
	228	4000	204.7	106.2	14213	55.2	70.3	197.3	102.7	14016	53	67.9
	268	5500	281.3	146	21450	55.2	69.6	271.3	141.4	21121	53	67.3
	293	5850	303.4	157.9	22488	55	69.1	292.8	152.9	22165	52.9	66.7

Dry Climates (PCCA)

100% Outside Air Performance - Dry Climates

Cabinet Size	PCCA Size	SCFM	Entering Conditions Condenser Dry Bulb/ Evaporator Wet Bulb (DB/WB) - degrees F			SCFM	Entering Conditions Condenser Dry Bulb/ Evaporator Wet Bulb (DB/WB) - degrees F			SCFM	Entering Conditions Condenser Dry Bulb/ Evaporator Wet Bulb (DB/WB) - degrees F		
			90/65				105/69				110/70		
			Total BTU/Hr	Cooling LDB (F)	Power (Watts)		Total BTU/Hr	Cooling LDB (F)	Power (Watts)		Total BTU/Hr	Cooling LDB (F)	Power (Watts)
Cabinet Size A	60	2500	72.7	63.1	6237	1600	69.4	64.9	6457	1300	66.3	62.8	6346
	96	3150	97.4	61.4	9250	2000	91.5	62.6	8858	1700	88.5	61.8	9203
	130	4000	137.5	58.2	12739	3300	142	65.1	13582	2500	133.1	60.7	12908
	160	4100	151.7	55.7	15724	3800	162.2	65.5	18179	3100	156.1	63.4	17706
Cabinet Size B	165	5600	157.4	64	13740	3200	141.4	64.1	12975	2700	134.4	63.9	13005
	170	5800	169.3	63	14452	3600	155.8	64.9	14086	2950	146.6	64	14068
	190	6850	220.5	60.2	20695	4600	211.6	62.4	20051	3700	199.6	60.1	19738
	215	6850	236.2	59.9	21115	5200	234.9	63.2	21530	4300	224.4	61.7	21253
	240	N/A				5800	330	62.7	27086	5600	268.5	65.6	27704
	360	N/A				7200	357.4	59	39699	7200	367.7	62.7	41152

NOTES:

- Power (Watts) includes all power sources. Supply fan power is based on 0.5" w.c. of external static pressure
- Supply Air Flow (SCFM) conditioned to 55°F dry bulb
- Double horizontal line indicates cabinet size change - see unit dimensions
- Use MAPS™ calculator for additional performance parameters
- Reheat LDB (F) includes supply motor heat (based on 0.5" w.c. external static)
- Total Cooling Capacity does not include supply motor heat
- PCDA: Total Cooling Capacity reflects gross cooling coil capacity only
- Always consider hot gas bypass for active cooling below 75°F ambient