

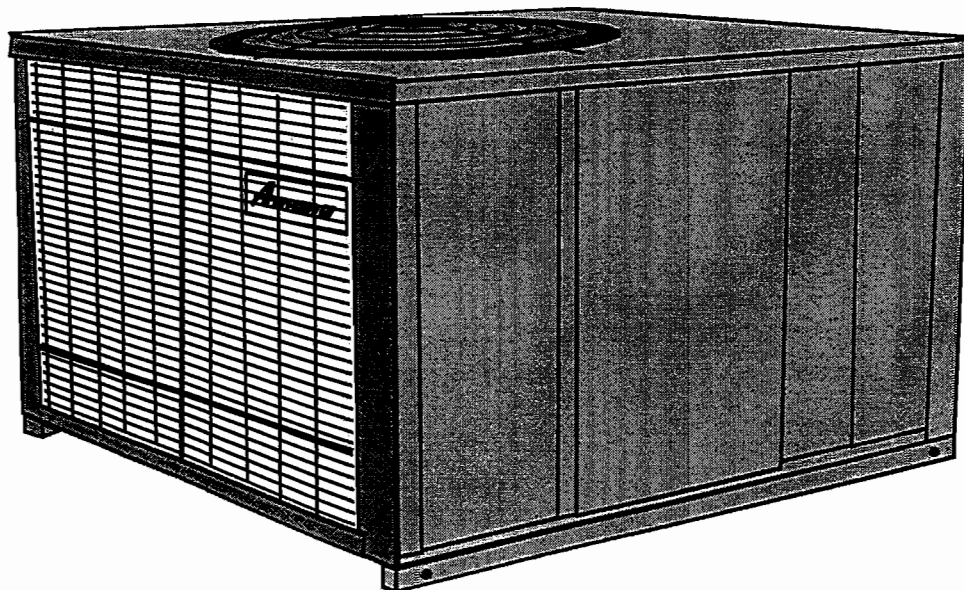
Technical Information

PCC PACKAGE COOLING UNITS

Model and Manufacturing
numbers listed in this manual.

<u>MODEL</u>	<u>MN</u>
PCC24C02E	P1231101C
PCC30C02E	P1231102C
PCC36C02E	P1231103C
PCC42C02E	P1231104C
PCC48C02E	P1231105C
PCC60C02E	P1231106C

- Refer to Service Manual RS6300003 for installation, operation, and troubleshooting information.
- All safety information must be followed as provided in the Service Manual.
- Refer to the appropriate Parts Catalog for part number information.



This manual is to be used by qualified HVAC technicians only. Amana does not assume any responsibility for property damage or personal injury for improper service procedures done by an unqualified person.

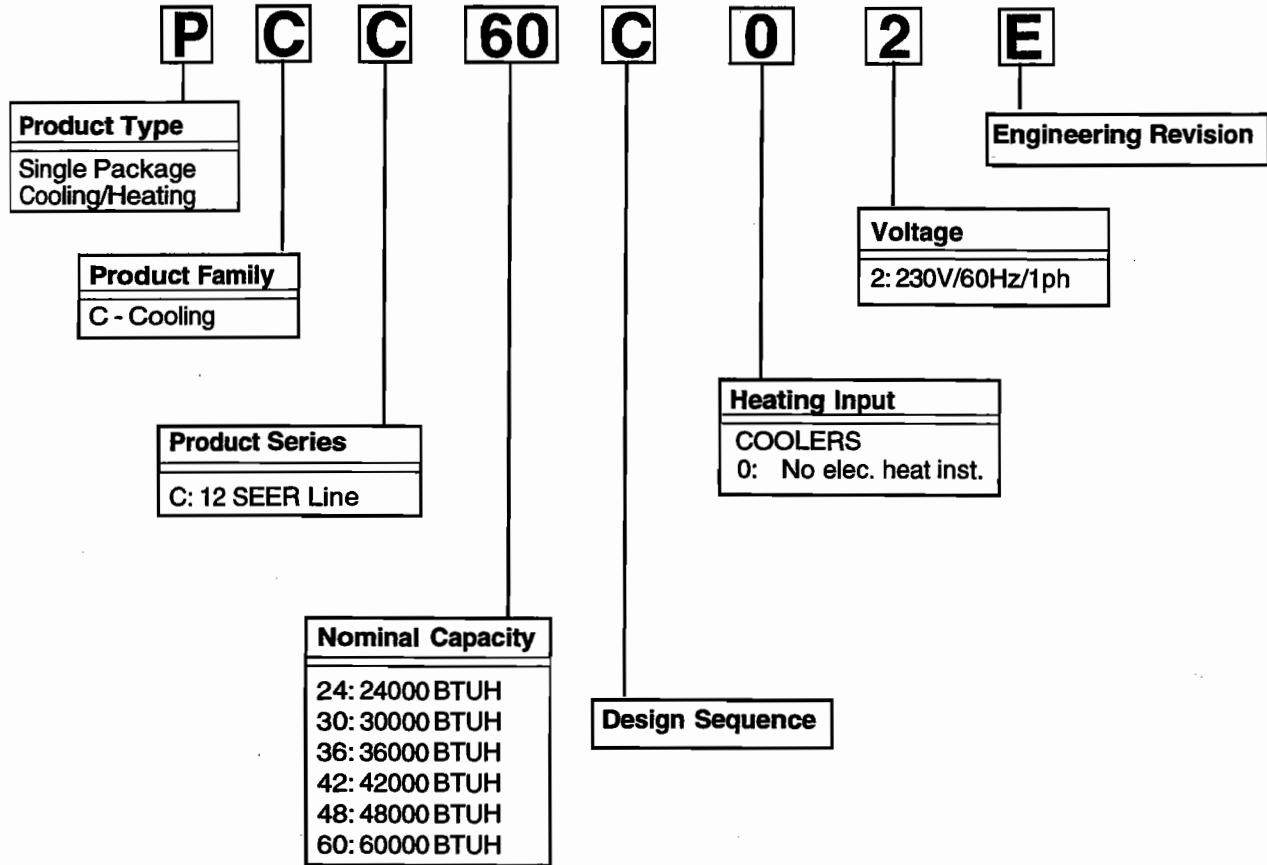
Amana
Heating • Air Conditioning
BUILT BETTER THAN IT HAS TO BE

RT6322001
March 2000

IMPORTANT INFORMATION

The model and manufacturing number are used for positive identification of component parts used in manufacturing. At which time engineering and manufacturing changes take place where interchangeability of components are affected, the manufacturing number will change.

It is very important to use the model and manufacturing numbers at all times when requesting service or parts information.



WARNING

IF REPAIRS ARE ATTEMPTED BY UNQUALIFIED PERSONS, DANGEROUS CONDITIONS (SUCH AS EXPOSURE TO ELECTRICAL SHOCK) MAY RESULT. THIS MAY CAUSE SERIOUS INJURY OR DEATH.



CAUTION

AMANA WILL NOT BE RESPONSIBLE FOR ANY INJURY OR PROPERTY DAMAGE ARISING FROM IMPROPER SERVICE OR SERVICE PROCEDURES. IF YOU PERFORM SERVICE ON YOUR OWN PRODUCT, YOU ASSUME RESPONSIBILITY FOR ANY PERSONAL INJURY OR PROPERTY DAMAGE WHICH MAY RESULT.

PRODUCT DESIGN

Amana PCC Package Cooling Units are designed for outdoor installations only in either residential or light commercial applications.

The connecting ductwork (Supply and Return) can be connected for either horizontal or vertical airflow. In the vertical application a matching Roof Curb is recommended.

A return air filter must be installed behind the return air grille(s) or provision must be made for a filter in an accessible location within the return air duct. The minimum filter area should not be less than those sizes listed in the Specification Section. Under no circumstances should the unit be operated without return air filters.

A 3/4" pipe and external drain trap is provided for removal of condensate water from the indoor coil. (Do not reduce the drain line size).

Refrigerant flow control is achieved by use of restrictor orifices.

The single phase units use permanent split capacitors (PSC) design compressors. Starting components are therefore not required. A low MFD run capacitor assists the compressor to start and remains in the circuit during operation.

The outdoor fan and indoor blower motors are single phase capacitor type motors (PCC60's use ECM motors).

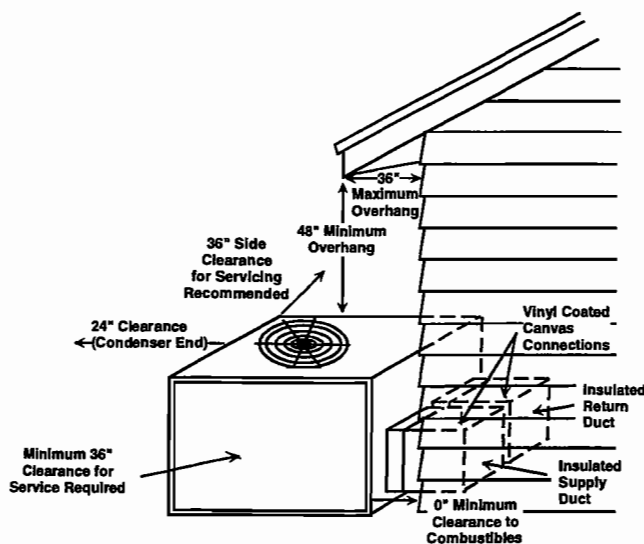
Air for condensing (cooling cycle) is drawn through the outdoor coil by a propeller fan, and is discharged vertically out the top of the unit. The outdoor coil is designed for .0 static. No additional restriction (ductwork) shall be applied.

Conditioned air is drawn through the filter(s), field installed, across the coil and back into the conditioned space by the indoor blower.

All models of PCC series package units use the Compliant Scroll compressor, there are a number of design characteristics which are different from the traditional reciprocating compressor.

- Due to their design Scroll compressors are inherently more tolerant of liquid refrigerant. **NOTE:** Even though the compressor section of a Scroll compressor is more tolerant of liquid refrigerant, continued floodback or flooded start conditions may wash oil from the bearing surfaces causing premature bearing failure.
- These Scroll compressors use white oil which is compatible with 3GS. 3GS oil may be used if additional oil is required.
- Operating pressures and amp draws may differ from standard reciprocating compressors. This information may be found in the "Cooling Performance Data" section.

Location and Clearances



In installations where the unit is installed above ground level and not serviceable from the ground (Example: Roof Top installations) the installer must provide service platform for service person with rails or guards in accordance with local codes or ordinances or in their absence with the latest edition of the Uniform Mechanical Code Section 305.

NOTE: Unit can also use roof curb (and platform for leveling, where necessary) to utilize bottom discharge.

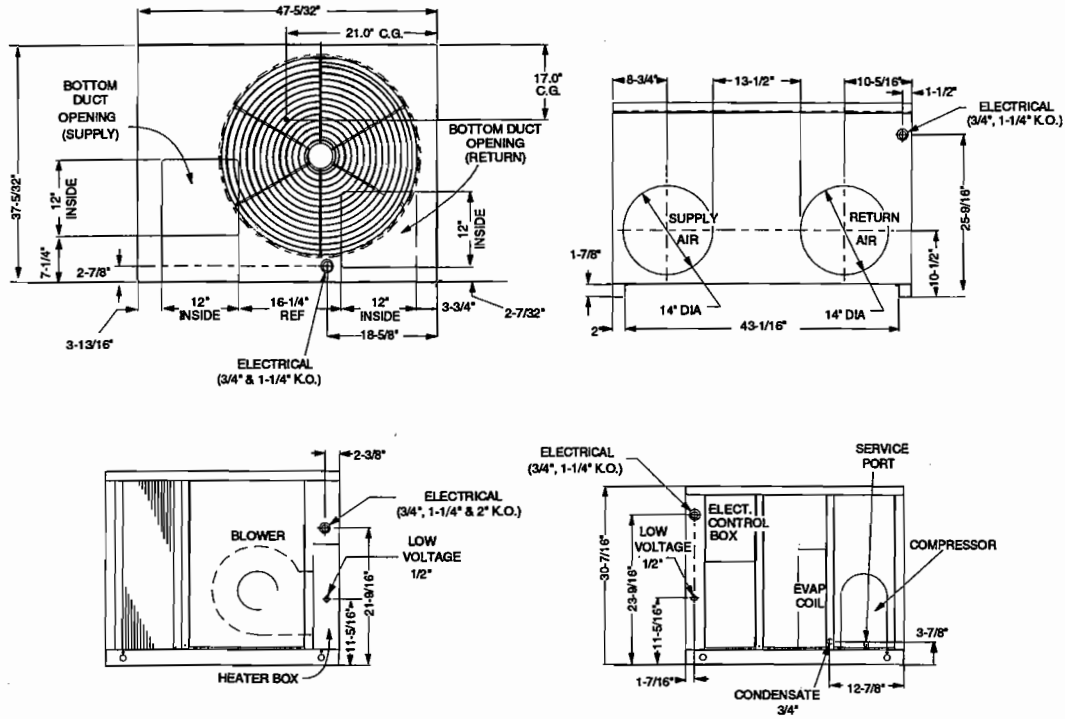
WARNING

TO PREVENT POSSIBLE PROPERTY DAMAGE, THE UNIT SHOULD REMAIN IN AN UPRIGHT POSITION DURING ALL RIGGING AND MOVING OPERATIONS. TO FACILITATE LIFTING AND MOVING IF A CRANE IS USED, PLACE THE UNIT IN AN ADEQUATE CABLE SLING.

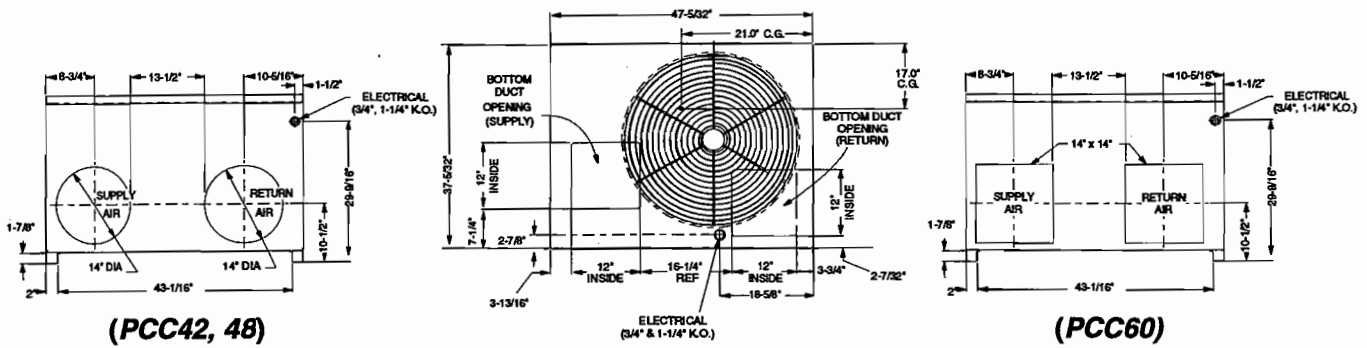
IMPORTANT: If using bottom discharge with roof curb, ductwork should be attached to the curb prior to installing the unit.

Refer to Roof curb Installation Instructions for proper curb installation. Curbing must be installed in compliance with the National Roofing Contractors Association Manual.

PRODUCT IDENTIFICATION

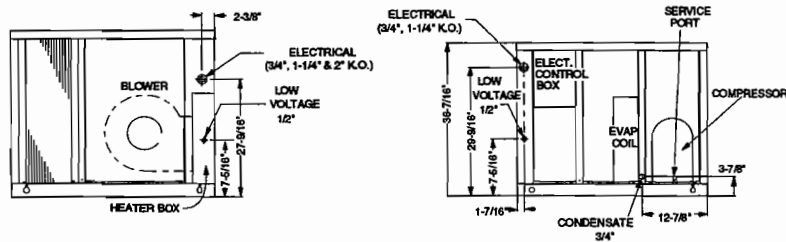


PCC24-36



(PCC42, 48)

(PCC60)



PACKAGE COOLING SPECIFICATIONS

		PCC24C02E	PCC30C02E	PCC36C02E
COOLING CAPACITY	COOLING CAPACITY, BTUH	23,000	28,800	34,400
	SEER	12.05	12.05	12.05
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208/230-60-1	208/230-60-1	208/230-60-1
	UNIT AMPS (TOTAL)	15.4	19.7	19.7
	MIN CIRCUIT AMPACITY	18.2	23.6	23.6
	MAX OVERCURRENT PROTECTION	25	30	30
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	11.4	15.7	15.7
	LOCKED ROTOR AMPS	54	73	93
CONDENSER FAN MOTOR	HORSEPOWER	1/5	1/5	1/5
	RPM	825	825	825
	FULL LOAD AMPS	1.3	1.3	1.3
	LOCKED ROTOR AMPS	2.0	2.0	2.0
CONDENSER FAN	BLADE DIAMETER / NUMBER	22" / 4	22" / 4	22" / 4
	CFM	2200	2200	2200
CONDENSER COIL	FACE AREA SQ FT	10.2	10.2	10.2
	NUMBER OF ROWS	1	1	2
	FINS PER INCH	20	20	20
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/3 - 4	1/3 - 4	1/3 - 4
	FULL LOAD AMPS	2.6	2.6	2.6
	LOCKED ROTOR AMPS	4.2	4.2	4.2
	MOTOR SPEED TAP - COOLING	LOW	MED - LOW	MED - HIGH
	RPM	790	840	960
EVAPORATOR BLOWER	DIAMETER X WIDTH	10 X 8	10 X 8	10 X 8
	RATED SCFM COOLING	825	930	1100
	MAX EXTERNAL STATIC PRESS	.5" wc	.5" wc	.5" wc
EVAPORATOR COIL	FACE AREA	3.2	3.2	3.2
	NUMBER OF ROWS	3	4	4
	FINS PER INCH	14	14	14
GENERAL INFORMATION	FILTER SIZE - SQ. FT.	3	3.4	4
	DRAIN SIZE	3/4 IN	3/4 IN	3/4 IN
	EXPANSION DEVICE	ORIFICE	ORIFICE	ORIFICE
	REFRIGERANT CHARGE R-22	SEE NAMEPLATE		
	POWER SUPPLY ENTRANCE SIZE	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4
	LOW VOLTAGE ENTRANCE SIZE	3/4"	3/4"	3/4"
	SHIPPING WEIGHT LBS.	306	318	327
	OPERATING WEIGHT LBS.	295	307	316
ACCESSORIES	COMPRESSOR SOUND BLANKET	-----	INCLUDED	-----
	ROUND TO SQUARE KIT	-----	INCLUDED	-----
	HORIZONTAL DUCT KIT	CHK001A	CHK001A	CHK001A
	AMBIENT THERMOSTAT KIT	ATK01A	ATK01A	ATK01A
	ROOF CURB	PRC06A1	PRC06A1	PRC06A1
	OVER/UNDER TRANSITION	PDTR0U4A	PDTR0U4A	PDTR0U4A
	ROOF CURB UNIVERSAL	PRC08A1	PRC08A1	PRC08A1

* With field installed Electric Heater Kits.

** **IMPORTANT:** While this data is presented as a guide, it is important to electrically connect the unit and properly size wires and fuses/circuit breakers in accordance with the National Electrical Code and/or all local codes. Data shown is w/o electric heaters. See "Electric Heaters" in the SYSTEM OPERATION section for additional information.



WARNING

All wires and overcurrent protection devices are sized without electric heaters. If heaters are installed with above wire size, overheating and fire could occur. Refer to heater kit installation manual for wire size and overcurrent protection device size with heaters installed. Also refer to the unit nameplate.

PACKAGE COOLING SPECIFICATIONS

		PCC42C02E	PCC48C02E
COOLING CAPACITY	COOLING CAPACITY, BTUH	42,000	49,200
	SEER	12.05	12.05
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208/230-60-1	208/230-60-1
	UNIT AMPS (TOTAL)	24	25.2
	MIN CIRCUIT AMPACITY	28.5	30.0
	MAX OVERCURRENT PROTECTION	45	45
COMPRESSOR	TYPE	SCROLL	SCROLL
	RATED LOAD AMPS	18	19.2
	LOCKED ROTOR AMPS	103	137
CONDENSER FAN MOTOR	HORSEPOWER	1/5	1/5
	RPM	825	825
	FULL LOAD AMPS	1.3	1.3
	LOCKED ROTOR AMPS	2.0	2.0
CONDENSER FAN	BLADE DIAMETER / NUMBER	22" / 4	22" / 4
	CFM	2200	2200
CONDENSER COIL	FACE AREA SQ FT	12	12
	NUMBER OF ROWS	2	2
	FINS PER INCH	20	20
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	3/4 - 3	3/4 - 3
	FULL LOAD AMPS	4.7	4.7
	LOCKED ROTOR AMPS	12.2	12.2
	MOTOR SPEED TAP - COOLING	LOW	MEDIUM
	RPM	975	1050
EVAPORATOR BLOWER	DIAMETER X WIDTH	10 X 8	10 X 8
	RATED SCFM COOLING	1400	1500
	MAX EXTERNAL STATIC PRESS	.5" wc	.5" wc
EVAPORATOR COIL	FACE AREA	4.4	4.4
	NUMBER OF ROWS	4	4
	FINS PER INCH	14	14
GENERAL INFORMATION	FILTER SIZE - SQ. FT.	4.5	5.0
	DRAIN SIZE	3/4 IN	3/4 IN
	EXPANSION DEVICE	ORIFICE	ORIFICE
	REFRIGERANT CHARGE R-22	SEE NAMEPLATE	SEE NAMEPLATE
	POWER SUPPLY ENTRANCE SIZE	3/4 1-1/4	3/4 1-1/4
	LOW VOLTAGE ENTRANCE SIZE	3/4"	3/4"
	SHIPPING WEIGHT LBS.	374	377
	OPERATING WEIGHT LBS.	361	364
ACCESSORIES	COMPRESSOR SOUND BLANKET	INCLUDED	
	ROUND TO SQUARE KIT	INCLUDED	
	HORIZONTAL DUCT KIT	CHK001A	CHK001A
	AMBIENT THERMOSTAT KIT	ATK01A	ATK01A
	ROOF CURB	PRC06A1	PRC06A1
	OVER/UNDER TRANSITION	PDTR0U6A	PDTR0U6A
	ROOF CURB UNIVERSAL	PRC08A1	PRC08A1

*UNIT HAS SQUARE OPENINGS

* With field installed Electric Heater Kits.

**** IMPORTANT:** While this data is presented as a guide, it is important to electrically connect the unit and properly size wires and fuses/circuit breakers in accordance with the National Electrical Code and/or all local codes. Data shown is w/o electric heaters. See "Electric Heaters" in the SYSTEM OPERATION section for additional information.



WARNING

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PACKAGE COOLING SPECIFICATIONS

		PCC60C02E
COOLING CAPACITY	COOLING CAPACITY, BTUH	58,600
	SEER	11.50
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208/230-60-1
	UNIT AMPS (TOTAL)	38
	MIN CIRCUIT AMPACITY	45.3
	MAX OVERCURRENT PROTECTION	60
COMPRESSOR	TYPE	SCROLL
	RATED LOAD AMPS	28.9
	LOCKED ROTOR AMPS	169
CONDENSER FAN MOTOR	HORSEPOWER	1/3
	RPM	1100
	FULL LOAD AMPS	2.4
	LOCKED ROTOR AMPS	5.8
CONDENSER FAN	BLADE DIAMETER / NUMBER	22" / 4
	CFM	3000
CONDENSER COIL	FACE AREA (SQ. FT.)	12.2
	NUMBER OF ROWS	2
	FINS PER INCH	20
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	ECM
	FULL LOAD AMPS	6.8
	LOCKED ROTOR AMPS	ECM
	MOTOR SPEED TAP - COOLING	VARIABLE
	RPM	VARIABLE
EVAPORATOR BLOWER	DIAMETER X WIDTH (IN.)	10 X 8
	RATED SCFM COOLING	1750
	MAX EXTERNAL STATIC PRESS	.5" wc
EVAPORATOR COIL	FACE AREA(SQ. FT.)	4.4
	NUMBER OF ROWS	4
	FINS PER INCH	14
GENERAL INFORMATION	FILTER SIZE (SQ. FT.)	6.5
	DRAIN SIZE	3/4 IN
	EXPANSION DEVICE	ORIFICE
	REFRIGERANT CHARGE R-22	SEE NAMEPLATE
	POWER SUPPLY ENTRANCE SIZE	1-1/4
	LOW VOLTAGE ENTRANCE SIZE	3/4"
	SHIPPING WEIGHT LBS.	382
	OPERATING WEIGHT LBS.	369
ACCESSORIES	COMPRESSOR SOUND BLANKET	INCLUDED
	FREEZE PROTECTION KIT	FSK01A
	50°F COMPRESSOR LOCK OUT	LOC501A
	COMBINATION ROOF CURB	PRC08A1
	ROOFCURB	PRC06A1
	OVER/UNDER TRANSITION	PDTR06A
	HORIZONTAL DUCT KIT	CHK001A
	AMBIENT THERMOSTAT KIT	ATK01

* With field installed Electric Heater Kits.

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BLOWER PERFORMANCE DATA

Dry Coil Data

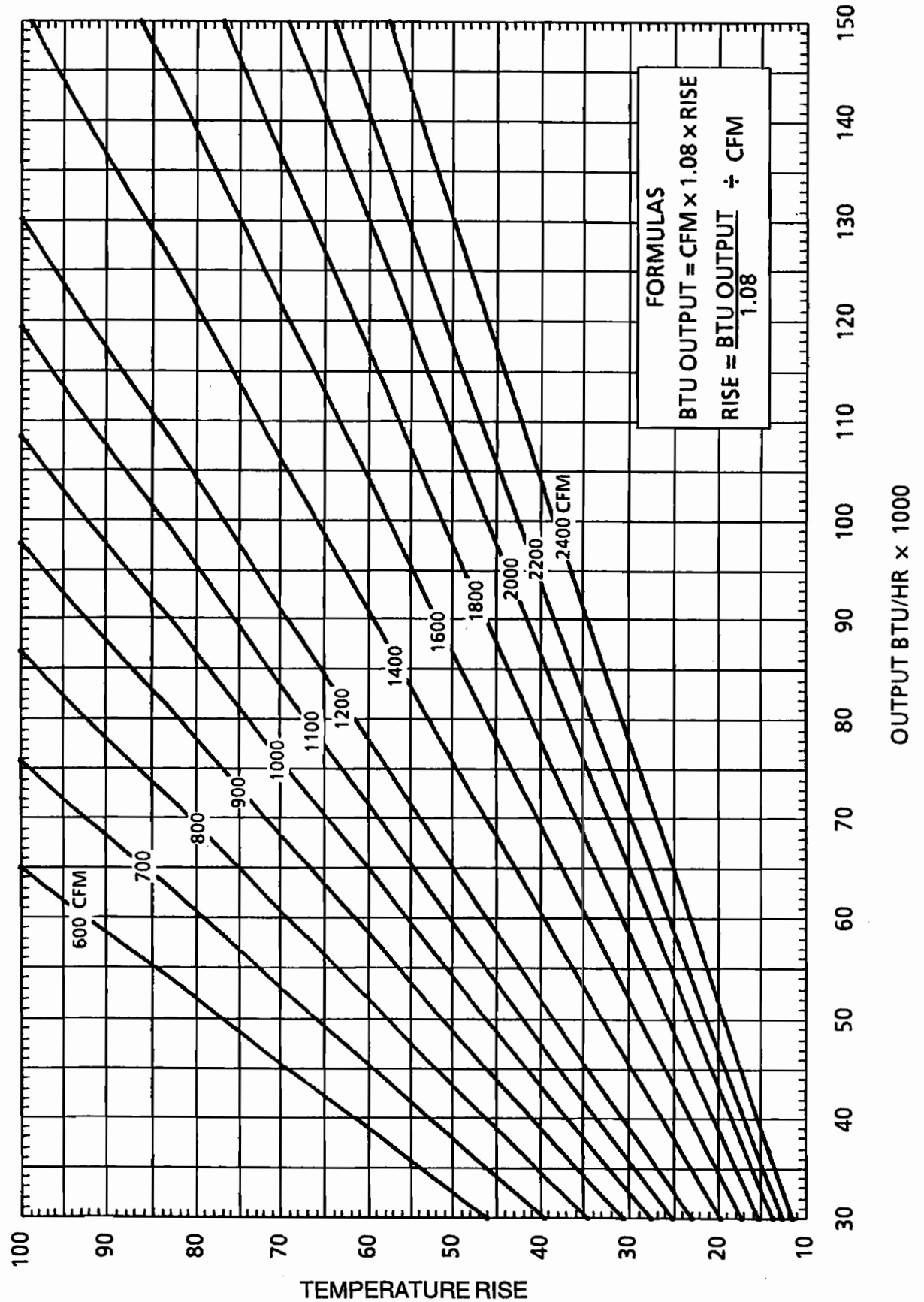
PCC24, 30, 36C**E								
UNIT STATIC (in W.C.)	FAN SPEED							
	Low		Med-Low		Med-High		High	
	CFM	WATTS	CFM	WATTS	CFM	WATTS	CFM	WATTS
0.1	840	230	1010	295	1230	385	1660	550
0.2	820	225	990	287	1205	372	1600	530
0.3	800	220	970	280	1180	360	1540	510
0.4	770	210	940	270	1150	345	1480	485
0.5	735	200	905	260	1110	330	1420	460
0.6	700	185	850	250	1060	305	1350	135
0.7	660	170	790	235	1005	290	1280	410
0.8	605	155	700	220	905	275	1205	390

PCC42,48C02E						
UNIT STATIC (in W.C.)	FAN SPEED					
	LOW		MED		HIGH	
	CFM	WATTS	CFM	WATTS	CFM	WATTS
0.2	1540	620	1780	735	2265	1010
0.3	1520	600	1755	705	2160	965
0.4	1495	575	1700	670	2095	925
0.5	1460	555	1640	640	1980	880
0.6	1400	520	1570	600	1885	840
0.7	1335	490	1500	570	1770	795
0.8	1260	450	1400	520	1650	750

PCC60C02E					
COOLING SPEED	ADJUST TAB	CFM @ 0.1 - 0.5 ESP	Heating Speed	Adjust Tab	CFM @ 0.1 - 0.5 ESP
A	Minus	1530	A	Minus	475
A	Normal	1700	A	Normal	525
A	Plus	1870	A	Plus	580
B	Minus	1545	B	Minus	630
B	Normal	1717	B	Normal	700
B	Plus	1890	B	Plus	770
C	Minus	1560	C	Minus	945
C	Normal	1734	C	Normal	1050
C	Plus	1910	C	Plus	1155
D	Minus	1575	D	Minus	1260
D	Normal	1750	D	Normal	1400
D	Plus	1925	D	Plus	1540

BLOWER PERFORMANCE DATA

BTU OUTPUT vs TEMPERATURE RISE CHART



COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: PCC24C02E

COOLING OPERATION

IDB*		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
		Airflow			Entering Indoor Wet Bulb Temperature																																
925	MBh	22.5	23.4	25.6	-	22.0	22.8	25.0	-	21.5	22.3	24.4	-	21.0	21.7	23.8	-	19.9	20.6	22.6	-	18.4	19.1	21.0	-												
	ST	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-												
	Delta T	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-												
	KW	1.83	1.86	1.92	-	1.96	1.99	2.05	-	2.07	2.11	2.17	-	2.17	2.21	2.28	-	2.25	2.30	2.37	-	2.33	2.38	2.45	-												
	AMPS	7.7	7.8	8.0	-	8.2	8.3	8.6	-	8.7	8.9	9.2	-	9.3	9.5	9.7	-	9.8	10.0	10.3	-	10.3	10.5	10.8	-												
825	HI PR	148	159	168	-	166	179	189	-	189	203	215	-	215	232	244	-	242	260	275	-	267	288	304	-												
	LO PR	62	66	72	-	65	69	76	-	68	72	79	-	71	76	83	-	75	79	87	-	77	82	90	-												
	MBh	21.9	22.7	24.8	-	21.4	22.2	24.3	-	20.9	21.6	23.7	-	20.4	21.1	23.1	-	19.3	20.0	22.0	-	17.9	18.6	20.3	-												
	ST	0.71	0.59	0.41	-	0.73	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-												
	Delta T	17	15	11	-	17	15	11	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-												
725	KW	1.81	1.85	1.90	-	1.94	1.98	2.04	-	2.05	2.10	2.16	-	2.15	2.20	2.26	-	2.24	2.28	2.35	-	2.31	2.36	2.43	-												
	AMPS	7.6	7.7	8.0	-	8.1	8.3	8.5	-	8.7	8.9	9.1	-	9.2	9.4	9.6	-	9.7	9.9	10.2	-	10.2	10.4	10.7	-												
	HI PR	147	158	167	-	164	177	187	-	187	201	213	-	213	229	242	-	240	258	272	-	265	285	301	-												
	LO PR	61	65	71	-	65	69	75	-	67	71	78	-	70	75	82	-	74	79	86	-	76	81	89	-												
	MBh	20.2	20.9	22.9	-	19.7	20.4	22.4	-	19.3	20.0	21.9	-	18.8	19.5	21.3	-	17.8	18.5	20.3	-	16.5	17.1	18.8	-												
925	ST	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.66	0.45	-												
	Delta T	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-												
	KW	1.77	1.81	1.86	-	1.90	1.94	1.99	-	2.01	2.05	2.11	-	2.10	2.15	2.21	-	2.19	2.23	2.30	-	2.26	2.30	2.37	-												
	AMPS	7.4	7.6	7.8	-	7.9	8.1	8.3	-	8.5	8.7	8.9	-	9.0	9.2	9.4	-	9.5	9.7	9.9	-	9.9	10.1	10.4	-												
	HI PR	142	153	162	-	160	172	181	-	181	195	206	-	207	222	235	-	232	250	264	-	257	276	292	-												
825	LO PR	59	63	69	-	63	67	73	-	65	69	76	-	68	73	79	-	72	76	83	-	74	79	86	-												
	MBh	22.9	23.6	25.5	27.4	22.4	23.0	24.9	26.8	21.9	22.5	24.4	26.1	21.3	22.0	23.8	25.5	20.3	20.9	22.6	24.2	18.8	19.3	20.9	22.4												
	ST	0.84	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42												
	Delta T	19	18	15	10	19	18	15	10	20	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9												
	KW	1.84	1.88	1.93	1.99	1.97	2.01	2.07	2.13	2.09	2.13	2.19	2.26	2.19	2.23	2.30	2.37	2.27	2.32	2.39	2.47	2.35	2.40	2.47	2.55												
725	AMPS	7.7	7.9	8.1	8.3	8.2	8.4	8.6	8.9	8.8	9.0	9.3	9.6	9.3	9.5	9.8	10.1	9.8	10.1	10.3	10.7	10.4	10.6	10.9	11.2												
	HI PR	150	161	170	177	168	181	191	199	191	205	217	226	217	234	247	258	245	263	278	290	270	291	307	320												
	LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	83	89	75	80	87	93	78	83	91	96												
	MBh	22.3	22.9	24.8	26.6	21.7	22.4	24.2	26.0	21.2	21.8	23.6	25.4	20.7	21.3	23.1	24.8	19.7	20.2	21.9	23.5	18.2	18.8	20.3	21.8												
	ST	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40												
925	Delta T	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	10	19	17	14	10												
	KW	1.83	1.86	1.92	1.97	1.96	1.99	2.05	2.12	2.07	2.11	2.18	2.24	2.17	2.21	2.28	2.35	2.25	2.30	2.37	2.45	2.33	2.38	2.45	2.53												
	AMPS	7.7	7.8	8.0	8.3	8.2	8.3	8.6	8.8	8.8	8.9	9.2	9.5	9.3	9.5	9.7	10.0	9.8	10.0	10.3	10.6	10.3	10.5	10.8	11.2												
	HI PR	148	159	168	175	166	179	189	197	189	203	215	224	215	232	245	255	242	261	275	287	267	288	304	317												
	LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95												
825	MBh	20.5	21.1	22.9	24.6	20.1	20.7	22.4	24.0	19.6	20.2	21.8	23.4	19.1	19.7	21.3	22.9	18.2	18.7	20.2	21.7	16.8	17.3	18.7	20.1												
	ST	0.78	0.69	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.39	0.89	0.80	0.60	0.39												
	Delta T	20	19	15	11	20	19	15	11	21	19	15	11	21	19	16	11	20	19	15	11	19	18	14	10												
	KW	1.79	1.82	1.87	1.93	1.91	1.95	2.01	2.07	2.02	2.06	2.12	2.19	2.12	2.16	2.23	2.30	2.20	2.25	2.32	2.39	2.27	2.32	2.39	2.47												
	AMPS	7.5	7.6	7.8	8.1	8.0	8.1	8.4	8.6	8.5	8.7	9.0	9.3	9.0	9.2	9.5	9.8	9.5	9.7	10.0	10.3	10.0	10.2	10.5	10.9												
725	HI PR	144	155	163	170	161	173	183	191	183	197	208	217	209	225	237	247	235	253	267	278	259	279	295	308												

NOTE: Shaded area is ARI Rating Conditions

* Entering Indoor Dry Bulb Temperature

COOLING PERFORMANCE DATA

MODEL: PCC24C02E

EXPANDED PERFORMANCE DATA

COOLING OPERATION

		Outdoor Ambient Temperature																							
		65				75				85				95				105				115			
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	23.3	23.8	25.5	27.2	22.8	23.3	24.9	26.6	22.2	22.7	24.3	26.0	21.7	22.2	23.7	25.3	20.6	21.1	22.5	24.1	19.1	19.5	20.8	22.3
	S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61
	Delta T	21	21	18	14	22	21	18	14	22	21	18	14	22	21	18	15	20	21	18	14	19	19	17	13
	KW	1.85	1.89	1.95	2.00	1.99	2.03	2.09	2.15	2.10	2.14	2.21	2.28	2.20	2.25	2.32	2.39	2.29	2.34	2.41	2.49	2.37	2.42	2.49	2.57
	AMPS	7.8	7.9	8.1	8.4	8.3	8.5	8.7	9.0	8.9	9.1	9.3	9.6	9.4	9.6	9.9	10.2	9.9	10.1	10.4	10.8	10.4	10.7	11.0	11.3
825	HI PR	151	163	172	179	169	182	193	201	193	207	219	228	220	236	249	260	247	266	281	293	273	294	310	323
	LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	88	94	79	84	91	97
	MBh	22.6	23.1	24.7	26.4	22.1	22.6	24.2	25.8	21.6	22.1	23.6	25.2	21.1	21.5	23.0	24.6	20.0	20.5	21.9	23.4	18.5	18.9	20.2	21.6
	S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
	Delta T	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	20	17	14
725	KW	1.84	1.88	1.93	1.99	1.97	2.01	2.07	2.13	2.09	2.13	2.19	2.26	2.19	2.23	2.30	2.37	2.27	2.32	2.39	2.47	2.35	2.40	2.47	2.55
	AMPS	7.7	7.9	8.1	8.3	8.2	8.4	8.6	8.9	8.8	9.0	9.3	9.6	9.3	9.5	9.8	10.1	9.8	10.1	10.3	10.7	10.4	10.6	10.9	11.2
	HI PR	150	161	170	177	168	181	191	199	191	205	217	226	217	234	247	258	245	263	278	290	270	291	307	320
	LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	84	89	75	80	88	93	78	83	91	96
	MBh	20.9	21.4	22.8	24.4	20.4	20.9	22.3	23.8	19.9	20.4	21.8	23.3	19.4	19.9	21.2	22.7	18.5	18.9	20.2	21.6	17.1	17.5	18.7	20.0
85	S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56
	Delta T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14
	KW	1.80	1.84	1.89	1.94	1.93	1.96	2.02	2.08	2.04	2.08	2.14	2.21	2.14	2.18	2.25	2.32	2.22	2.27	2.34	2.41	2.29	2.34	2.41	2.49
	AMPS	7.5	7.7	7.9	8.1	8.0	8.2	8.4	8.7	8.6	8.8	9.0	9.3	9.1	9.3	9.6	9.9	9.6	9.8	10.1	10.4	10.1	10.3	10.6	11.0
	HI PR	145	156	165	172	163	175	185	193	185	199	210	219	211	227	240	250	237	255	270	281	262	282	298	311
925	LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	94
	MBh	23.7	24.2	25.3	27.0	23.2	23.6	24.8	26.4	22.6	23.1	24.2	25.8	22.1	22.5	23.6	25.1	21.0	21.4	22.4	23.9	19.4	19.8	20.7	22.1
	S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
	Delta T	23	23	21	18	23	23	22	19	22	23	22	19	22	22	22	19	21	21	21	19	19	20	20	17
	KW	1.87	1.90	1.96	2.02	2.00	2.04	2.10	2.17	2.12	2.16	2.23	2.30	2.22	2.27	2.34	2.41	2.31	2.36	2.43	2.51	2.38	2.43	2.51	2.59
825	AMPS	7.8	8.0	8.2	8.5	8.3	8.5	8.8	9.0	9.0	9.1	9.4	9.7	9.5	9.7	10.0	10.3	10.0	10.2	10.5	10.9	10.5	10.7	11.1	11.4
	HI PR	153	164	173	181	171	184	195	203	195	210	221	231	222	239	252	263	249	268	283	296	276	297	313	327
	LO PR	64	68	74	79	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	85	92	98
	MBh	23.0	23.5	24.6	26.2	22.5	22.9	24.0	25.6	22.0	22.4	23.5	25.0	21.4	21.9	22.9	24.4	20.4	20.8	21.7	23.2	18.9	19.2	20.1	21.5
	S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
725	Delta T	24	23	22	19	24	24	22	19	24	24	22	19	24	24	23	20	23	23	22	19	21	21	21	18
	KW	1.85	1.89	1.95	2.00	1.99	2.03	2.09	2.15	2.10	2.14	2.21	2.28	2.20	2.25	2.32	2.39	2.29	2.34	2.41	2.49	2.37	2.42	2.49	2.57
	AMPS	7.8	7.9	8.1	8.4	8.3	8.5	8.7	9.0	8.9	9.1	9.3	9.6	9.4	9.6	9.9	10.2	9.9	10.1	10.4	10.8	10.4	10.7	11.0	11.3
	HI PR	151	163	172	179	169	182	193	201	193	207	219	228	220	236	249	260	247	266	281	293	273	294	310	323
	LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	88	94	79	84	91	97
85	MBh	21.3	21.7	22.7	24.2	20.8	21.2	22.2	23.7	20.3	20.7	21.7	23.1	19.8	20.2	21.1	22.5	18.8	19.2	20.1	21.4	17.4	17.7	18.6	19.8
	S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.72
	Delta T	24	24	22	19	24	24	23	20	24	24	23	20	25	24	23	20	24	24	23	20	22	22	21	18
	KW	1.81	1.85	1.90	1.96	1.94	1.98	2.04	2.10	2.05	2.09	2.16	2.22	2.15	2.20	2.26	2.33	2.24	2.28	2.35	2.43	2.31	2.36	2.43	2.51
	AMPS	7.6	7.7	8.0	8.2	8.1	8.3	8.5	8.8	8.7	8.9	9.1	9.4	9.2	9.4	9.6	10.0	9.7	9.9	10.2	10.5	10.2	10.4	10.7	11.1
925	HI PR	147	158	166	174	164	177	187	195	187	201	212	222	213	229	242	252	240	258	272	284	265	285	301	314
	LO PR	61	65	71	76	65	69	75	80	67	71	78	83	70	75	82	87	74	79	86	91	76	81	89	94

NOTE: Shaded area is ARI Rating Conditions

* Entering Indoor Dry Bulb Temperature

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: PCC30C02E

COOLING OPERATION

		Outdoor Ambient Temperature																							
		65						75						95						105					
IDB*	Airflow	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151
70	1030	27.8	28.8	31.6	-	27.2	28.2	30.8	-	26.5	27.5	30.1	-	25.9	26.8	29.4	-	24.6	25.5	27.9	-	22.8	23.6	25.9	-
	S/T	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.83	0.69	0.48	-
	Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
	KW	2.33	2.38	2.45	-	2.51	2.56	2.64	-	2.66	2.72	2.80	-	2.80	2.86	2.95	-	2.91	2.97	3.07	-	3.01	3.08	3.18	-
	AMPS	10.2	10.5	10.8	-	11.0	11.2	11.5	-	11.8	12.1	12.4	-	12.5	12.8	13.2	-	13.3	13.6	14.0	-	14.0	14.3	14.7	-
	HI PR	157	168	178	-	176	189	200	-	200	215	227	-	228	245	259	-	256	275	291	-	283	304	321	-
930	1030	63	67	74	-	67	71	78	-	70	74	81	-	73	78	85	-	77	81	89	-	79	84	92	-
	S/T	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-
	Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-
	KW	2.32	2.37	2.44	-	2.49	2.55	2.63	-	2.65	2.70	2.79	-	2.78	2.84	2.93	-	2.89	2.96	3.05	-	2.99	3.06	3.16	-
	AMPS	10.2	10.4	10.7	-	10.9	11.1	11.5	-	11.7	12.0	12.4	-	12.5	12.7	13.1	-	13.2	13.5	13.9	-	13.9	14.2	14.7	-
	HI PR	155	167	177	-	174	188	198	-	198	213	225	-	226	243	257	-	254	274	289	-	281	302	319	-
830	1030	63	67	73	-	66	71	77	-	69	73	80	-	73	77	84	-	76	81	88	-	79	84	91	-
	S/T	0.66	0.55	0.38	-	0.68	0.57	0.40	-	0.70	0.59	0.41	-	0.72	0.61	0.42	-	0.75	0.63	0.44	-	0.76	0.63	0.44	-
	Delta T	19	16	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-
	KW	2.29	2.33	2.40	-	2.45	2.51	2.58	-	2.60	2.66	2.74	-	2.74	2.79	2.88	-	2.85	2.91	3.00	-	2.94	3.01	3.11	-
	AMPS	10.0	10.2	10.5	-	10.7	11.0	11.3	-	11.6	11.8	12.2	-	12.3	12.5	12.9	-	13.0	13.3	13.7	-	13.7	14.0	14.4	-
	HI PR	152	164	173	-	171	184	194	-	194	209	221	-	221	238	252	-	249	268	283	-	275	296	313	-
75	1030	28.3	29.1	31.5	33.8	27.6	28.4	30.8	33.0	27.0	27.8	30.1	32.3	26.3	27.1	29.3	31.5	25.0	25.7	27.9	29.9	23.2	23.8	25.8	27.7
	S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.41	0.94	0.84	0.64	0.41
	Delta T	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
	KW	2.35	2.40	2.47	2.55	2.53	2.58	2.66	2.75	2.68	2.74	2.83	2.92	2.82	2.88	2.97	3.07	2.94	3.00	3.10	3.20	3.04	3.10	3.20	3.31
	AMPS	10.3	10.5	10.8	11.2	11.1	11.3	11.6	12.0	11.9	12.2	12.5	13.0	12.6	12.9	13.3	13.8	13.4	13.7	14.1	14.6	14.1	14.4	14.9	15.4
	HI PR	158	170	180	187	177	191	202	210	202	217	229	239	230	247	261	272	259	278	294	306	286	307	325	339
930	1030	64	68	74	79	68	72	79	84	70	75	82	87	74	79	86	91	77	82	90	96	80	85	93	99
	S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.81	0.61	0.39
	Delta T	22	20	16	11	22	20	16	11	22	20	17	11	22	20	17	11	22	20	16	11	20	19	15	11
	KW	2.34	2.39	2.46	2.54	2.51	2.57	2.65	2.73	2.67	2.72	2.81	2.90	2.80	2.86	2.96	3.05	2.92	2.98	3.08	3.18	3.02	3.08	3.19	3.29
	AMPS	10.3	10.5	10.8	11.1	11.0	11.2	11.6	11.9	11.8	12.1	12.5	12.9	12.6	12.8	13.2	13.7	13.3	13.6	14.0	14.5	14.0	14.3	14.8	15.3
	HI PR	157	169	178	186	176	190	200	209	200	216	228	238	228	246	259	271	257	276	292	304	284	305	322	336
830	1030	64	68	74	79	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	85	92	98
	S/T	0.75	0.67	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.86	0.76	0.58	0.37	0.86	0.77	0.58	0.38
	Delta T	22	20	17	12	22	21	17	12	22	21	17	12	22	21	17	12	22	20	17	12	21	19	16	11
	KW	2.30	2.35	2.42	2.50	2.47	2.53	2.60	2.69	2.63	2.68	2.77	2.85	2.76	2.82	2.91	3.00	2.87	2.93	3.03	3.13	2.97	3.03	3.13	3.24
	AMPS	10.1	10.3	10.6	11.0	10.8	11.1	11.4	11.8	11.6	11.9	12.3	12.7	12.4	12.6	13.0	13.5	13.1	13.4	13.8	14.3	13.8	14.1	14.5	15.0
	HI PR	154	166	175	182	173	186	196	205	196	211	223	233	224	241	254	265	252	271	286	298	278	299	316	330
70	1030	62	66	72	77	66	70	76	81	68	73	79	85	72	76	83	89	75	80	87	93	78	83	90	96
	S/T	0.66	0.55	0.38	-	0.68	0.57	0.40	-	0.70	0.59	0.41	-	0.72	0.61	0.42	-	0.75	0.63	0.44	-	0.76	0.63	0.44	-
	Delta T	19	16	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-
	KW	2.29	2.33	2.40	-	2.45	2.51	2.58	-	2.60	2.66	2.74	-	2.74	2.79	2.88	-	2.85	2.91	3.00	-	2.94	3.01	3.11	-
	AMPS	10.0	10.2	10.5	-	10.7	11.0	11.3	-	11.6	11.8	12.2	-	12.3	12.5	12.9	-	13.0	13.3	13.7	-	13.7	14.0	14.4	-
	HI PR	152	164	173	-	171	184	194	-	194	209	221	-	221	238	252	-	249	268	283	-	275	296	313	-

NOTE: Shaded area is ACCA (TVA) conditions

* Entering Indoor Dry Bulb Temperature

COOLING PERFORMANCE DATA

MODEL: PCC30C02E

EXPANDED PERFORMANCE DATA

COOLING OPERATION

		Outdoor Ambient Temperature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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IDB*	Airflow	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591	1595	1599	1603	1607	1611	1615	1619	1623	1627	1631	1635	1639	1643	1647	1651	1655	1659	1663	1667	1671	1675	1679	1683	1687	1691	1695	1699	1703	1707	1711	1715	1719	1723	1727	1731	1735	1739	1743	1747	1751	1755	1759	1763	1767	1771	1775	1779	1783	1787	1791	1795	1799	1803	1807	1811	1815	1819	1823	1827	1831	1835	1839	1843	1847	1851	1855	1859	1863	1867	1871	1875	1879	1883	1887	1891	1895	1899	1903	1907	1911	1915	1919	1923	1927	1931	1935	1939	1943	1947	1951	1955	1959	1963	1967	1971	1975	1979	1983	1987	1991	1995	1999	2003	2007	2011	2015	2019	2023	2027	2031	2035	2039	2043	2047	2051	2055	2059	2063	2067	2071	2075	2079	2083	2087	2091	2095	2099	2103	2107	2111	2115	2119	2123	2127	2131	2135	2139	2143	2147	2151	2155	2159	2163	2167	2171	2175	2179	2183	2187	2191	2195	2199	2203	2207	2211	2215	2219	2223	2227	2231	2235	2239	2243	2247	2251	2255	2259	2263	2267	2271	2275	2279	2283	2287	2291	2295	2299	2303	2307	2311	2315	2319	2323	2327	2331	2335	2339	2343	2347	2351	2355	2359	2363	2367	2371	2375	2379	2383	2387	2391	2395	2399	2403	2407	2411	2415	2419	2423	2427	2431	2435	2439	2443	2447	2451	2455	2459	2463	2467	2471	2475	2479	2483	2487	2491	2495	2499	2503	2507	2511	2515	2519	2523	2527	2531	2535	2539	2543	2547	2551	2555	2559	2563	2567	2571	2575	2579	2583	2587	2591	2595	2599	2603	2607	2611	2615	2619	2623	2627	2631	2635	2639	2643	2647	2651	2655	2659	2663	2667	2671	2675	2679	2683	2687	2691	2695	2699	2703	2707	2711	2715	2719	2723	2727	2731	2735	2739	2743	2747	2751	2755	2759	2763	2767	2771	2775	2779	2783	2787	2791	2795	2799	2803	2807	2811	2815	2819	2823	2827	2831	2835	2839	2843	2847	2851	2855	2859	2863	2867	2871	2875	2879	2883	2887	2891	2895	2899	2903	2907	2911	2915	2919	2923	2927	2931	2935	2939	2943	2947	2951	2955	2959	2963	2967	2971	2975	2979	2983	2987	2991	2995	2999	3003	3007	3011	3015	3019	3023	3027	3031	3035	3039	3043	3047	3051	3055	3059	3063	3067	3071	3075	3079	3083	3087	3091	3095	3099	3103	3107	3111	3115	3119	3123	3127	3131	3135	3139	3143	3147	3151	3155	3159	3163	3167	3171	3175	3179	3183	3187	3191	3195	3199	3203	3207	3211	3215	3219	3223	3227	3231	3235	3239	3243	3247	3251	3255	3259	3263	3267	3271	3275	3279	3283	3287	3291	3295	3299	3303	3307	3311	3315	3319	3323	3327	3331	3335	3339	3343	3347	3351	3355	3359	3363	3367	3371	3375	3379	3383	3387	3391	3395	3399	3403	3407	3411	3415	3419	3423	3427	3431	3435	3439	3443	3447	3451	3455	3459	3463	3467	3471	3475	3479	3483	3487	3491	3495	3499	3503	3507	3511	3515	3519	3523	3527	3531	3535	3539	3543	3547	3551	3555	3559	3563	3567	3571	3575	3579	3583	3587	3591	3595	3599	3603	3607	3611	3615	3619	3623	3627	3631	3635	3639	3643	3647	3651	3655	3659	3663	3667	3671	3675	3679	3683	3687	3691	3695	3699	3703	3707	3711	3715	3719	3723	3727	3731	3735	3739	3743	3747	3751	3755	3759	3763	3767	3771	3775	3779	3783	3787	3791	3795	3799	3803	3807	3811	3815	3819	3823	3827	3831	3835	3839	3843	3847	3851	3855	3859	3863	3867	3871	3875	3879	3883	3887	3891	3895	3899	3903	3907	3911	3915	3919	3923	3927	3931	3935	3939	3943	3947	3951	3955	3959	3963	3967	3971	3975	3979	3983	3987	3991	3995	3999	4003	4007	4011	4015	4019	4023	4027	4031	4035	4039	4043	4047	4051	4055	4059	4063	4067	4071	4075	4079	4083	4087	4091	4095	4099	4103	4107	4111	4115	4119	4123	4127	4131	4135	4139	4143	4147	4151	4155	4159	4163	4167	4171	4175	4179	4183	4187	4191	4195	4199	4203	4207	4211	4215	4219	4223	4227	4231	4235	4239	4243	4247	4251	4255	4259	4263	4267	4271	4275	4279	4283	4287	4291	4295	4299	4303	4307	4311	4315	4319	4323	4327	4331	4335	4339	4343	4347	4351	4355	4359	4363	4367	4371	4375	4379	4383	4387	4391	4395	4399	4403	4407	4411	4415	4419	4423	4427	4431	4435	4439	4443	4447	4451	4455	4459	4463	4467	4471	4475	4479	4483	4487	4491	4495	4499	4503	4507	4511	4515	4519	4523	4527	4531	4535	4539	4543	4547	4551	4555	4559	4563	4567	4571	4575	4579	4583	4587	4591	4595	4599	4603	4607	4611	4615	4619	4623	4627	4631	4635	4639	4643	4647	4651	4655	4659	4663	4667	4671	4675	4679	4683	4687	4691	4695	4699	4703	4707	4711	4715	4719	4723	4727	4731	4735	4739	4743	4747	4751	4755	4759	4763	4767	4771	4775	4779	4783	4787	4791	4795	4799	4803	4807	4811	4815	4819	4823	4827	4831	4835	4839	4843	4847	4851	4855	4859	4863	4867	4871	4875	4879	4883	4887	4891	4895	4899	4903	4907	4911	4915	4919	4923	4927	4931	4935	4939	4943	4947	4951	4955	4959	4963	4967	4971	4975	4979	4983	4987	4991

EXPANDED PERFORMANCE DATA

COOLING PERFORMANCE DATA

		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
	MBh	33.1	34.3	37.5	-	32.3	33.5	36.7	-	31.5	32.7	35.8	-	30.7	31.9	34.9	-	29.2	30.3	33.2	-	27.1	28.0	30.7	-	27.1	28.0	30.7	-	27.1	28.0	30.7	-				
	S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.79	0.66	0.45	-	0.79	0.66	0.45	-	0.79	0.66	0.45	-				
	Delta T	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-	16	14	11	-	16	14	11	-				
	KW	2.72	2.78	2.87	-	2.93	2.99	3.09	-	3.11	3.18	3.28	-	3.27	3.34	3.45	-	3.41	3.48	3.60	-	3.52	3.60	3.72	-	3.52	3.60	3.72	-	3.52	3.60	3.72	-				
	AMPS	12.0	12.3	12.7	-	12.9	13.2	13.6	-	14.0	14.3	14.7	-	14.9	15.2	15.7	-	15.7	16.1	16.6	-	16.6	17.0	17.6	-	16.6	17.0	17.6	-	16.6	17.0	17.6	-				
	HI PR	154	165	174	-	172	185	196	-	196	211	223	-	223	240	254	-	251	270	285	-	277	299	315	-	277	299	315	-	277	299	315	-				
70	LO PR	61	65	71	-	65	69	75	-	67	71	78	-	71	75	82	-	74	79	86	-	77	81	89	-	77	81	89	-	77	81	89	-				
	MBh	32.7	33.9	37.2	-	32.0	33.1	36.3	-	31.2	32.3	35.4	-	30.4	31.6	34.6	-	28.9	30.0	32.8	-	26.8	27.8	30.4	-	26.8	27.8	30.4	-	26.8	27.8	30.4	-				
	S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.61	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.45	-	0.77	0.64	0.45	-	0.77	0.64	0.45	-				
	Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-				
	KW	2.72	2.77	2.86	-	2.92	2.98	3.08	-	3.10	3.17	3.27	-	3.26	3.33	3.44	-	3.40	3.47	3.59	-	3.52	3.59	3.71	-	3.52	3.59	3.71	-	3.52	3.59	3.71	-				
	AMPS	12.0	12.3	12.6	-	12.9	13.2	13.6	-	13.9	14.2	14.7	-	14.8	15.2	15.6	-	15.7	16.1	16.6	-	16.6	17.0	17.5	-	16.6	17.0	17.5	-	16.6	17.0	17.5	-				
	HI PR	153	165	174	-	172	185	195	-	195	210	222	-	222	239	253	-	250	269	284	-	277	298	314	-	277	298	314	-	277	298	314	-				
	LO PR	61	65	71	-	64	69	75	-	67	71	78	-	70	75	82	-	74	78	86	-	76	81	89	-	76	81	89	-	76	81	89	-				
	MBh	32.2	33.4	36.6	-	31.5	32.6	35.8	-	30.7	31.9	34.9	-	30.0	31.1	34.1	-	28.5	29.5	32.4	-	26.4	27.4	30.0	-	26.4	27.4	30.0	-	26.4	27.4	30.0	-				
	S/T	0.65	0.54	0.37	-	0.67	0.56	0.39	-	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.74	0.61	0.43	-	0.74	0.62	0.43	-	0.74	0.62	0.43	-	0.74	0.62	0.43	-				
	Delta T	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-	18	16	12	-				
	KW	2.68	2.74	2.82	-	2.88	2.94	3.04	-	3.06	3.13	3.23	-	3.22	3.29	3.39	-	3.35	3.42	3.54	-	3.47	3.54	3.66	-	3.47	3.54	3.66	-	3.47	3.54	3.66	-				
	AMPS	11.8	12.1	12.5	-	12.7	13.0	13.4	-	13.7	14.0	14.5	-	14.6	14.9	15.4	-	15.5	15.8	16.3	-	16.3	16.7	17.2	-	16.3	16.7	17.2	-	16.3	16.7	17.2	-				
	HI PR	150	162	171	-	169	182	192	-	192	207	218	-	219	235	249	-	246	265	280	-	272	293	309	-	272	293	309	-	272	293	309	-				
	LO PR	60	64	70	-	63	67	74	-	66	70	76	-	69	74	80	-	72	77	84	-	75	80	87	-	75	80	87	-	75	80	87	-				
	MBh	33.6	34.6	37.5	40.2	32.8	33.8	36.6	39.3	32.1	33.0	35.7	38.3	31.3	32.2	34.8	37.4	29.7	30.6	33.1	35.5	27.5	28.3	30.7	32.9	27.5	28.3	30.7	32.9	27.5	28.3	30.7	32.9				
	S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.39	0.89	0.80	0.60	0.39	0.89	0.80	0.60	0.39	0.89	0.80	0.60	0.39				
	Delta T	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	10	19	17	14	10	19	17	14	10	19	17	14	10				
75	KW	2.75	2.80	2.89	2.98	2.95	3.02	3.11	3.21	3.14	3.20	3.31	3.42	3.30	3.37	3.48	3.59	3.44	3.51	3.63	3.75	3.55	3.63	3.75	3.88	3.55	3.63	3.75	3.88	3.55	3.63	3.75	3.88				
	AMPS	12.1	12.4	12.8	13.2	13.0	13.3	13.7	14.2	14.1	14.4	14.8	15.4	15.0	15.3	15.8	16.4	15.9	16.2	16.8	17.4	16.8	17.2	17.7	18.3	16.8	17.2	17.7	18.3	16.8	17.2	17.7	18.3				
	HI PR	155	167	176	184	174	187	198	206	198	213	225	235	225	243	256	267	254	273	288	301	280	302	318	332	280	302	318	332	280	302	318	332				
	LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	96	77	82	90	96	77	82	90	96				
	MBh	33.3	34.3	37.1	39.8	32.5	33.5	36.2	38.9	31.7	32.7	35.4	38.0	31.0	31.9	34.5	37.0	29.4	30.3	32.8	35.2	27.2	28.1	30.4	32.6	27.2	28.1	30.4	32.6	27.2	28.1	30.4	32.6				
	S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.53	0.34	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.88	0.78	0.59	0.38	0.88	0.78	0.59	0.38	0.88	0.78	0.59	0.38				
	Delta T	21	20	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10	19	20	18	15	10	19	20	18	15	10		
	KW	2.74	2.80	2.88	2.97	2.95	3.01	3.10	3.20	3.13	3.20	3.30	3.41	3.29	3.36	3.47	3.59	3.43	3.50	3.62	3.74	3.55	3.62	3.74	3.87	3.55	3.62	3.74	3.87	3.55	3.62	3.74	3.87				
	AMPS	12.1	12.4	12.7	13.2	13.0	13.3	13.7	14.2	14.0	14.4	14.8	15.3	14.9	15.3	15.8	16.3	15.8	16.2	16.7	17.3	16.7	17.1	17.7	18.3	16.7	17.1	17.7	18.3	16.7	17.1	17.7	18.3				
	HI PR	155	166	176	183	174	187	197	206	197	212	224	234	225	242	255	266	253	272	287	300	279	301	317	331	279	301	317	331	279	301	317	331				
	LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95	77	82	90	95	77	82	90	95				
	MBh	32.8	33.8	36.5	39.2	32.0	33.0	35.7	38.3	31.3	32.2	34.8	37.4	30.5	31.4	34.0	36.5	29.0	29.8	32.3	34.7	26.8	27.6	29.9	32.1	26.8	27.6	29.9	32.1	26.8	27.6	29.9	32.1				
1000	S/T	0.74	0.66	0.50	0.32	0.76	0.68	0.52	0.33	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.84	0.75	0.57	0.36	0.84	0.75	0.57	0.36	0.84	0.75	0.57	0.36				
	Delta T	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11	21	19	16	11	21	19	16	11				
	KW	2.70	2.76	2.84	2.93	2.91	2.97	3.06	3.16	3.09	3.15	3.25	3.36	3.24	3.31	3.42	3.54	3.38	3.45	3.57	3.68	3.50	3.57	3.69	3.81	3.50	3.57	3.69	3.81	3.50	3.57	3.69	3.81				
	AMPS	11.9	12.2	12.6	13.0	12.8	13.1	13.5	14.0	13.8	14.2	14.6	15.1	14.7	15.1	15.5	16.1	15.6	16.0	16.5	17.1	16.5	16.9	17.4	18.0	16.5	16.9	17.4	18.0	16.5	16.9	17.4	18.0				
	HI PR	152	164	173	180	171	184	194	202	194																											

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: PCC36C02E

COOLING OPERATION

		Outdoor Ambient Temperature												105												115																	
		65						75						85						Entering Indoor Wet Bulb Temperature						95						105						115					
IDB*	Airflow	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211			
	MBh	34.2	35.0	37.3	39.9	33.4	34.1	36.5	39.0	32.6	33.3	35.6	38.1	31.8	32.5	34.7	37.1	34.9	35.3	37.1	39.5	32.2	34.4	36.8	29.9	30.6	32.7	34.9	27.7	28.3	30.3	32.4	25.0	25.6	27.6	29.7	27.3	27.9	29.8	31.9			
	S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56	0.98	0.91	0.74	0.55	0.98	0.92	0.75	0.56	0.98	0.92	0.75	0.56	0.98	0.92	0.75	0.56		
	Delta T	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	20	18	14	21	20	18	14	21	20	18	14	21	20	18	14	21	20	18	14		
	KW	2.77	2.82	2.91	3.00	2.98	3.04	3.14	3.24	3.16	3.23	3.33	3.44	3.33	3.40	3.51	3.63	3.46	3.54	3.66	3.78	3.58	3.66	3.79	3.91	3.63	3.71	3.83	3.95	3.63	3.71	3.83	3.95	3.63	3.71	3.83	3.95	3.63	3.71	3.83	3.95		
	AMPS	12.2	12.5	12.9	13.3	13.1	13.4	13.9	14.3	14.2	14.5	15.0	15.5	15.1	15.4	15.9	16.5	16.0	16.4	16.9	17.5	16.9	17.3	17.9	18.5	16.9	17.3	17.9	18.5	16.9	17.3	17.9	18.5	16.9	17.3	17.9	18.5	16.9	17.3	17.9	18.5		
	HI PR	157	169	178	186	176	189	200	208	200	215	227	237	228	245	259	270	256	276	291	304	283	305	322	335	283	305	322	335	283	305	322	335	283	305	322	335	283	305	322	335		
	LO PR	62	66	73	77	66	70	77	82	69	73	80	85	72	77	84	89	75	80	88	93	78	83	91	97	78	83	91	97	78	83	91	97	78	83	91	97	78	83	91	97		
	MBh	33.9	34.6	37.0	39.5	33.1	33.8	36.1	38.6	32.3	33.0	35.3	37.7	31.5	32.2	34.4	36.8	29.9	30.6	32.7	34.9	27.7	28.3	30.3	32.4	25.0	25.6	27.6	29.7	27.3	27.9	29.8	31.9	25.0	25.6	27.6	29.7	27.3	27.9	29.8	31.9		
	S/T	0.84	0.78	0.64	0.48	0.87	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55	0.98	0.91	0.74	0.55	0.98	0.92	0.75	0.56	0.98	0.92	0.75	0.56	0.98	0.92	0.75	0.56		
	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	23	20	16	22	21	19	15	22	21	19	15	22	21	19	15	22	21	19	15	22	21	19	15		
	KW	2.76	2.82	2.91	3.00	2.97	3.03	3.13	3.23	3.15	3.22	3.33	3.44	3.32	3.39	3.50	3.62	3.46	3.53	3.65	3.77	3.58	3.65	3.78	3.90	3.63	3.71	3.83	3.95	3.63	3.71	3.83	3.95	3.63	3.71	3.83	3.95	3.63	3.71	3.83	3.95		
	AMPS	12.2	12.5	12.9	13.3	13.1	13.4	13.8	14.3	14.2	14.5	14.9	15.5	15.1	15.4	15.9	16.5	16.0	16.3	16.9	17.5	16.9	17.3	17.9	18.5	16.9	17.3	17.9	18.5	16.9	17.3	17.9	18.5	16.9	17.3	17.9	18.5	16.9	17.3	17.9	18.5		
	HI PR	156	168	178	185	175	189	199	208	199	215	227	236	227	244	258	269	255	275	290	303	282	304	321	334	282	304	321	334	282	304	321	334	282	304	321	334	282	304	321	334		
	LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	83	89	75	80	87	93	78	83	90	96	78	83	90	96	78	83	90	96	78	83	90	96	78	83	90	96		
	MBh	33.4	34.1	36.4	38.9	32.6	33.3	35.6	38.0	31.8	32.5	34.7	37.1	31.0	31.7	33.9	36.2	29.5	30.1	32.2	34.4	27.3	27.9	29.8	31.9	25.0	25.6	27.6	29.7	27.3	27.9	29.8	31.9	25.0	25.6	27.6	29.7	27.3	27.9	29.8	31.9		
	S/T	0.81	0.76	0.62	0.46	0.84	0.78	0.64	0.48	0.86	0.80	0.65	0.49	0.88	0.83	0.68	0.50	0.92	0.86	0.70	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.54	0.96	0.90	0.73	0.55	0.98	0.92	0.75	0.56	0.98	0.92	0.75	0.56		
	Delta T	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	23	24	21	17	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15		
	KW	2.72	2.78	2.87	2.96	2.93	2.99	3.09	3.19	3.11	3.18	3.28	3.39	3.27	3.34	3.45	3.56	3.41	3.48	3.60	3.72	3.52	3.60	3.72	3.85	3.58	3.66	3.78	3.90	3.58	3.66	3.78	3.90	3.58	3.66	3.78	3.90	3.58	3.66	3.78	3.90		
	AMPS	12.0	12.3	12.7	13.1	12.9	13.2	13.6	14.1	14.0	14.3	14.7	15.2	14.9	15.2	15.7	16.2	15.7	16.1	16.6	17.2	16.6	17.0	17.6	18.2	16.6	17.0	17.6	18.2	16.6	17.0	17.6	18.2	16.6	17.0	17.6	18.2	16.6	17.0	17.6	18.2		
	HI PR	154	165	174	182	172	185	196	204	196	211	223	232	223	240	254	265	251	270	285	298	277	299	315	329	277	299	315	329	277	299	315	329	277	299	315	329	277	299	315	329		
	LO PR	61	65	71	76	65	69	75	80	67	71	78	83	71	75	82	87	74	79	86	92	77	81	89	95	77	81	89	95	77	81	89	95	77	81	89	95	77	81	89	95		
	MBh	34.8	35.5	37.2	39.6	34.0	34.7	36.3	38.7	33.2	33.8	35.4	37.8	32.4	33.0	34.6	36.9	30.8	31.4	32.8	35.0	28.5	29.0	30.4	32.5	25.0	25.6	27.6	29.7	27.3	27.9	29.8	31.9	25.0	25.6	27.6	29.7	27.3	27.9	29.8	31.9		
	S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.72	1.00	0.99	0.89	0.72	1.00	0.99	0.89	0.72	1.00	0.99	0.89	0.72	1.00	0.99	0.89	0.72		
	Delta T	24	23	22	19	24	24	22	19	24	24	22	19	24	24	22	19	22	24	22	19	22	22	19	18	22	21	18	14	21	20	18	14	21	20	18	14	21	20	18	14		
	KW	2.79	2.85	2.94	3.03	3.00	3.06	3.16	3.26	3.19	3.26	3.36	3.47	3.35	3.43	3.54	3.66	3.49	3.57	3.69	3.81	3.61	3.69	3.82	3.95	3.63	3.71	3.83	3.95	3.63	3.71	3.83	3.95	3.63	3.71	3.83	3.95	3.63	3.71	3.83	3.95		
	AMPS	12.3	12.6	13.0	13.4	13.3	13.6	14.0	14.5	14.3	14.6	15.1	15.6	15.2	15.6	16.1	16.7	16.2	16.5	17.1	17.7	17.1	17.5	18.0	18.7	16.9	17.3	17.9	18.5	16.9	17.3	17.9	18.5	16.9	17.3	17.9	18.5	16.9	17.3	17.9	18.5		
	HI PR	158	170	180	188	178	191	202	210	202	217	229	239	230	248	261	273	259	278	294	307	286	308	325	339	286	308	325	339	286	308	325	339	286	308	325	339	286	308	325	339		
	LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	89	94	79	84	92	98	79	84	92	98	79	84	92	98	79	84	92	98	79	84	92	98		
	MBh	34.5	35.1	36.8	39.3	33.7	34.3	35.9	38.3	32.9	33.5	35.1	37.4	32.1	32.7	34.2	36.5	30.5	31.0	32.5	34.7	28.2	28.8	30.1	32.1	25.0	25.6	27.6	29.7	27.3	27.9	29.8	31.9	25.0	25.6	27.6	29.7	27.3	27.9	29.8	31.9		
	S/T	0.88	0.85	0.76	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.88	0.71	1.00	0.97	0.88	0.71	1.00	0.97	0.88	0.71	1.00	0.97	0.88	0.71	1.00	0.97	0.88	0.71		
	Delta T	25	25	23	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	24	23	22	19	25	24	22	19	25	24	22	19	25	24	22	19	25	24	22	1		

COOLING PERFORMANCE DATA

MODEL: PCC42C02E

EXPANDED PERFORMANCE DATA

COOLING OPERATION

IDB*	Airflow	Outdoor Ambient Temperature												Cooling Operation											
		65						75						95						105					
		59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151
70	1500	MBh	40.4	41.8	45.8	-	39.4	40.9	44.8	-	38.5	39.9	43.7	-	37.5	38.9	42.6	-	35.7	37.0	40.5	-	33.0	34.2	37.5
	1500	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46
		Delta T	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11
		KW	3.25	3.32	3.42	-	3.49	3.57	3.68	-	3.71	3.78	3.90	-	3.89	3.98	4.10	-	4.05	4.14	4.27	-	4.19	4.28	4.42
		AMPS	15.0	15.3	15.7	-	16.0	16.3	16.8	-	17.2	17.5	18.0	-	18.2	18.6	19.1	-	19.2	19.6	20.2	-	20.2	20.7	21.3
		HI PR	162	175	185	-	182	196	207	-	207	223	236	-	236	254	268	-	266	286	302	-	294	316	334
	1400	LO PR	63	67	73	-	66	70	77	-	69	73	80	-	72	77	84	-	76	80	88	-	78	83	91
		MBh	40.0	41.4	45.4	-	39.0	40.5	44.3	-	38.1	39.5	43.3	-	37.2	38.5	42.2	-	35.3	36.6	40.1	-	32.7	33.9	37.1
		S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.78	0.65	0.45
		Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11
		KW	3.25	3.31	3.41	-	3.49	3.56	3.67	-	3.70	3.78	3.89	-	3.88	3.97	4.09	-	4.04	4.13	4.26	-	4.18	4.27	4.41
75	1500	MBh	39.4	40.8	44.7	-	38.4	39.8	43.7	-	37.5	38.9	42.6	-	36.6	37.9	41.6	-	34.8	36.1	39.5	-	32.2	33.4	36.6
	1500	S/T	0.66	0.55	0.38	-	0.68	0.57	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.75	0.63	0.44
		Delta T	18	16	12	-	18	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11
		KW	3.21	3.27	3.37	-	3.44	3.51	3.62	-	3.65	3.72	3.84	-	3.83	3.91	4.04	-	3.99	4.07	4.20	-	4.12	4.21	4.35
		AMPS	14.7	15.0	15.4	-	15.7	16.1	16.5	-	16.9	17.2	17.7	-	17.9	18.3	18.8	-	18.9	19.3	19.9	-	19.9	20.3	20.9
		HI PR	159	171	181	-	179	192	203	-	203	219	231	-	231	249	263	-	260	280	296	-	288	310	327
	1400	LO PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	81	89
		MBh	40.6	41.8	45.3	-	39.7	40.9	44.2	-	38.7	39.9	43.2	-	37.8	38.9	42.1	-	35.9	37.0	40.0	-	33.3	34.2	37.1
		S/T	0.77	0.69	0.52	-	0.80	0.72	0.54	-	0.82	0.73	0.56	-	0.85	0.76	0.57	-	0.88	0.79	0.60	-	0.89	0.79	0.60
		Delta T	21	19	16	-	21	19	16	-	21	19	16	-	21	19	16	-	21	19	16	-	19	18	15
		KW	3.27	3.34	3.44	-	3.51	3.59	3.70	-	3.73	3.81	3.93	-	3.92	4.00	4.13	-	4.08	4.16	4.30	-	4.21	4.30	4.44
75	1500	MBh	40.6	41.8	45.3	-	39.7	40.9	44.2	-	38.7	39.9	43.2	-	37.8	38.9	42.1	-	35.9	37.0	40.0	-	33.3	34.2	37.1
	1500	S/T	0.77	0.69	0.52	-	0.80	0.72	0.54	-	0.82	0.73	0.56	-	0.85	0.76	0.57	-	0.88	0.79	0.60	-	0.89	0.79	0.60
		Delta T	21	19	16	-	21	19	16	-	21	19	16	-	21	19	16	-	21	19	16	-	19	18	15
		KW	3.27	3.34	3.44	-	3.51	3.59	3.70	-	3.73	3.81	3.93	-	3.92	4.00	4.13	-	4.08	4.16	4.30	-	4.21	4.30	4.44
		AMPS	15.0	15.3	15.8	-	16.1	16.4	16.9	-	17.3	17.6	18.1	-	18.3	18.7	19.2	-	19.3	19.7	20.3	-	20.3	20.8	21.4
		HI PR	164	176	186	-	164	176	186	-	164	176	186	-	164	176	186	-	164	176	186	-	164	176	186
	1400	LO PR	63	67	73	-	67	71	77	-	69	74	80	-	73	77	84	-	76	81	88	-	79	84	91
		MBh	40.0	41.2	44.6	-	39.1	40.3	43.6	-	38.2	39.3	42.5	-	37.2	38.3	41.5	-	35.4	36.4	39.4	-	32.8	33.7	36.5
		S/T	0.75	0.67	0.50	-	0.77	0.69	0.52	-	0.79	0.71	0.54	-	0.82	0.73	0.55	-	0.85	0.76	0.57	-	0.86	0.77	0.58
		Delta T	21	19	16	-	21	20	16	-	21	20	16	-	22	20	16	-	21	20	16	-	20	18	15
		KW	3.23	3.30	3.40	-	3.47	3.54	3.65	-	3.68	3.75	3.87	-	3.86	3.94	4.07	-	4.02	4.11	4.24	-	4.15	4.24	4.38
75	1500	MBh	40.0	41.2	44.6	-	39.1	40.3	43.6	-	38.2	39.3	42.5	-	37.2	38.3	41.5	-	35.4	36.4	39.4	-	32.8	33.7	36.5
	1500	S/T	0.75	0.67	0.50	-	0.77	0.69	0.52	-	0.79	0.71	0.54	-	0.82	0.73	0.55	-	0.85	0.76	0.57	-	0.86	0.77	0.58
		Delta T	21	19	16	-	21	20	16	-	21	20	16	-	22	20	16	-	21	20	16	-	20	18	15
		KW	3.23	3.30	3.40	-	3.47	3.54	3.65	-	3.68	3.75	3.87	-	3.86	3.94	4.07	-	4.02	4.11	4.24	-	4.15	4.24	4.38
		AMPS	14.8	15.1	15.6	-	15.9	16.2	16.6	-	17.0	17.4	17.9	-	18.0	18.4	19.0	-	19.1	19.5	20.0	-	20.1	20.5	21.1
		HI PR	161	173	183	-	161	173	183	-	161	173	183	-	161	173	183	-	161	173	183	-	161	173	183
	1400	LO PR	62	66	72	-	65	70	76	-	68	72	78	-	71	76	83	-	75	80	87	-	77	82	90
		MBh	40.0	41.2	44.6	-	39.1	40.3	43.6	-	38.2	39.3	42.5	-	37.2	38.3	41.5	-	35.4	36.4	39.4	-	32.8	33.7	36.5
		S/T	0.75	0.67	0.50	-	0.77	0.69	0.52	-	0.79	0.71	0.54	-	0.82	0.73	0.55	-	0.85	0.76	0.57	-	0.86	0.77	0.58
		Delta T	21	19	16	-	21	20	16	-	21	20	16	-	22	20	16	-	21	20	16	-	20	18	15
		KW	3.23	3.30	3.40	-	3.47	3.54	3.65	-	3.68	3.75	3.87	-	3.86	3.94	4.07	-	4.02	4.11	4.24	-	4.15	4.24	4.38
75	1500	MBh	40.0	41.2	44.6	-	39.1	40.3	43.6	-	38.2	39.3	42.5	-	37.2	38.3	41.5	-	35.4	36.4	39.4	-	32.8	33.7	36.5
	1500	S/T	0.75	0.67	0.50	-	0.77	0.69	0.52	-	0.79	0.71	0.54	-	0.82	0.73	0.55	-	0.85	0.76	0.57	-	0.86	0.77	0.58
		Delta T	21	19	16	-	21	20	16	-	21	20	16	-	22	20	16	-	21	20	16	-	20	18	15
		KW	3.23	3.30	3.40	-	3.47	3.54	3.65	-	3.68	3.75	3.87	-	3.86	3.94	4.07	-	4.02	4.11	4.24	-	4.15	4.24	4.38
		AMPS	14.8	15.1	15.6	-	15.9	16.2	16.6	-	17.0	17.4	17.9	-	18.0	18.4	19.0	-	19.1	19.5	20.0	-	20.1	20.5	21.1
		HI PR	161	173	183	-	161	173	183	-	161	173	183	-	161	173	183	-	161	173	183	-	161	173	183
	1400	LO PR	62	66	72	-	65	70	76	-	68	72	78	-	71	76	83	-	75	80	87	-	77	82	90
		MBh	40.0	41.2	44.6	-	39.1	40.3	43.6	-	38.2	39.3	42.5	-	37.2	38.3	41.5	-	35.4	36.4	39.4	-	32.8	33.7	36.5
		S/T	0.75	0.67	0.50	-	0.77	0.69	0.52	-	0.79	0.71	0.54	-	0.82	0.73	0.55	-	0.85	0.76	0.57	-	0.86	0.77	0.58
		Delta T	21	19	16	-	21	20	16	-	21	20	16	-	22	20	16	-	21	20	16	-	20	18	15
		KW	3.23	3.30	3.40	-	3.47	3.54	3.65	-	3.68	3.75	3.87	-	3.86	3.94	4.07	-	4.02	4.11	4.24	-	4.15	4.24	4.38

NOTE: Shaded area is ARI Rating Conditions

COOLING PERFORMANCE DATA

MODEL: PCC42C02E

EXPANDED PERFORMANCE DATA

COOLING OPERATION

		Outdoor Ambient Temperature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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IDB*	Airflow	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591	1595	1599	1603	1607	1611	1615	1619	1623	1627	1631	1635	1639	1643	1647	1651	1655	1659	1663	1667	1671	1675	1679	1683	1687	1691	1695	1699	1703	1707	1711	1715	1719	1723	1727	1731	1735	1739	1743	1747	1751	1755	1759	1763	1767	1771	1775	1779	1783	1787	1791	1795	1799	1803	1807	1811	1815	1819	1823	1827	1831	1835	1839	1843	1847	1851	1855	1859	1863	1867	1871	1875	1879	1883	1887	1891	1895	1899	1903	1907	1911	1915	1919	1923	1927	1931	1935	1939	1943	1947	1951	1955	1959	1963	1967	1971	1975	1979	1983	1987	1991	1995	1999	2003	2007	2011	2015	2019	2023	2027	2031	2035	2039	2043	2047	2051	2055	2059	2063	2067	2071	2075	2079	2083	2087	2091	2095	2099	2103	2107	2111	2115	2119	2123	2127	2131	2135	2139	2143	2147	2151	2155	2159	2163	2167	2171	2175	2179	2183	2187	2191	2195	2199	2203	2207	2211	2215	2219	2223	2227	2231	2235	2239	2243	2247	2251	2255	2259	2263	2267	2271	2275	2279	2283	2287	2291	2295	2299	2303	2307	2311	2315	2319	2323	2327	2331	2335	2339	2343	2347	2351	2355	2359	2363	2367	2371	2375	2379	2383	2387	2391	2395	2399	2403	2407	2411	2415	2419	2423	2427	2431	2435	2439	2443	2447	2451	2455	2459	2463	2467	2471	2475	2479	2483	2487	2491	2495	2499	2503	2507	2511	2515	2519	2523	2527	2531	2535	2539	2543	2547	2551	2555	2559	2563	2567	2571	2575	2579	2583	2587	2591	2595	2599	2603	2607	2611	2615	2619	2623	2627	2631	2635	2639	2643	2647	2651	2655	2659	2663	2667	2671	2675	2679	2683	2687	2691	2695	2699	2703	2707	2711	2715	2719	2723	2727	2731	2735	2739	2743	2747	2751	2755	2759	2763	2767	2771	2775	2779	2783	2787	2791	2795	2799	2803	2807	2811	2815	2819	2823	2827	2831	2835	2839	2843	2847	2851	2855	2859	2863	2867	2871	2875	2879	2883	2887	2891	2895	2899	2903	2907	2911	2915	2919	2923	2927	2931	2935	2939	2943	2947	2951	2955	2959	2963	2967	2971	2975	2979	2983	2987	2991	2995	2999	3003	3007	3011	3015	3019	3023	3027	3031	3035	3039	3043	3047	3051	3055	3059	3063	3067	3071	3075	3079	3083	3087	3091	3095	3099	3103	3107	3111	3115	3119	3123	3127	3131	3135	3139	3143	3147	3151	3155	3159	3163	3167	3171	3175	3179	3183	3187	3191	3195	3199	3203	3207	3211	3215	3219	3223	3227	3231	3235	3239	3243	3247	3251	3255	3259	3263	3267	3271	3275	3279	3283	3287	3291	3295	3299	3303	3307	3311	3315	3319	3323	3327	3331	3335	3339	3343	3347	3351	3355	3359	3363	3367	3371	3375	3379	3383	3387	3391	3395	3399	3403	3407	3411	3415	3419	3423	3427	3431	3435	3439	3443	3447	3451	3455	3459	3463	3467	3471	3475	3479	3483	3487	3491	3495	3499	3503	3507	3511	3515	3519	3523	3527	3531	3535	3539	3543	3547	3551	3555	3559	3563	3567	3571	3575	3579	3583	3587	3591	3595	3599	3603	3607	3611	3615	3619	3623	3627	3631	3635	3639	3643	3647	3651	3655	3659	3663	3667	3671	3675	3679	3683	3687	3691	3695	3699	3703	3707	3711	3715	3719	3723	3727	3731	3735	3739	3743	3747	3751	3755	3759	3763	3767	3771	3775	3779	3783	3787	3791	3795	3799	3803	3807	3811	3815	3819	3823	3827	3831	3835	3839	3843	3847	3851	3855	3859	3863	3867	3871	3875	3879	3883	3887	3891	3895	3899	3903	3907	3911	3915	3919	3923	3927	3931	3935	3939	3943	3947	3951	3955	3959	3963	3967	3971	3975	3979	3983	3987	3991	3995	3999	4003	4007	4011	4015	4019	4023	4027	4031	4035	4039	4043	4047	4051	4055	4059	4063	4067	4071	4075	4079	4083	4087	4091	4095	4099	4103	4107	4111	4115	4119	4123	4127	4131	4135	4139	4143	4147	4151	4155	4159	4163	4167	4171	4175	4179	4183	4187	4191	4195	4199	4203	4207	4211	4215	4219	4223	4227	4231	4235	4239	4243	4247	4251	4255	4259	4263	4267	4271	4275	4279	4283	4287	4291	4295	4299	4303	4307	4311	4315	4319	4323	4327	4331	4335	4339	4343	4347	4351	4355	4359	4363	4367	4371	4375	4379	4383	4387	4391	4395	4399	4403	4407	4411	4415	4419	4423	4427	4431	4435	4439	4443	4447	4451	4455	4459	4463	4467	4471	4475	4479	4483	4487	4491	4495	4499	4503	4507	4511	4515	4519	4523	4527	4531	4535	4539	4543	4547	4551	4555	4559	4563	4567	4571	4575	4579	4583	4587	4591	4595	4599	4603	4607	4611	4615	4619	4623	4627	4631	4635	4639	4643	4647	4651	4655	4659	4663	4667	4671	4675	4679	4683	4687	4691	4695	4699	4703	4707	4711	4715	4719	4723	4727	4731	4735	4739	4743	4747	4751	4755	4759	4763	4767	4771	4775	4779	4783	4787	4791	4795	4799	4803	4807	4811	4815	4819	4823	4827	4831	4835	4839	4843	4847	4851	4855	4859	4863	4867	4871	4875	4879	4883	4887	4891	489595

EXPANDED PERFORMANCE DATA

COOLING PERFORMANCE DATA

		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
IDB*	Airflow	Entering Indoor Wet Bulb Temperature																																			
		59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151												
70	1600	MBh	47.3	49.0	53.7	-	46.2	47.9	52.4	-	45.1	46.7	51.2	-	44.0	45.6	49.9	-	41.8	43.3	47.4	-	38.7	40.1	43.9	-											
		S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.77	0.64	0.44	-											
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-											
		KW	3.80	3.88	4.01	-	4.09	4.18	4.32	-	4.35	4.45	4.59	-	4.58	4.68	4.83	-	4.77	4.88	5.04	-	4.94	5.05	5.22	-											
		AMPS	16.2	16.6	17.1	-	17.4	17.7	18.3	-	18.7	19.1	19.7	-	19.8	20.3	20.9	-	21.0	21.4	22.1	-	22.1	22.6	23.3	-											
		HI PR	164	176	186	-	184	198	209	-	209	225	237	-	238	256	270	-	268	288	304	-	296	318	336	-											
		LO PR	60	64	69	-	63	67	73	-	66	70	76	-	69	73	80	-	72	77	84	-	75	79	87	-											
1500		MBh	46.8	48.5	53.2	-	45.7	47.4	51.9	-	44.6	46.3	50.7	-	43.5	45.1	49.4	-	41.4	42.9	47.0	-	38.3	39.7	43.5	-											
		S/T	0.66	0.55	0.38	-	0.68	0.57	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.75	0.63	0.44	-											
		Delta T	19	16	12	-	19	16	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-											
		KW	3.79	3.87	4.00	-	4.08	4.17	4.31	-	4.34	4.44	4.58	-	4.57	4.67	4.82	-	4.76	4.87	5.03	-	4.93	5.04	5.20	-											
		AMPS	16.2	16.5	17.0	-	17.3	17.7	18.2	-	18.7	19.1	19.6	-	19.8	20.2	20.8	-	20.9	21.4	22.0	-	22.0	22.5	23.2	-											
		HI PR	163	176	185	-	183	197	208	-	208	224	237	-	237	255	270	-	267	287	303	-	295	317	335	-											
		LO PR	60	63	69	-	63	67	73	-	65	70	76	-	69	73	80	-	72	77	84	-	74	79	86	-											
1400		MBh	46.1	47.8	52.4	-	45.0	46.7	51.1	-	44.0	45.6	49.9	-	42.9	44.5	48.7	-	40.7	42.2	46.3	-	37.7	39.1	42.9	-											
		S/T	0.63	0.53	0.37	-	0.66	0.55	0.38	-	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.73	0.61	0.42	-											
		Delta T	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-											
		KW	3.74	3.82	3.94	-	4.03	4.11	4.25	-	4.28	4.37	4.52	-	4.50	4.60	4.75	-	4.69	4.80	4.96	-	4.86	4.96	5.13	-											
		AMPS	16.0	16.3	16.8	-	17.1	17.5	18.0	-	18.4	18.8	19.3	-	19.5	19.9	20.5	-	20.6	21.1	21.7	-	21.7	22.2	22.9	-											
		HI PR	160	173	182	-	180	194	205	-	205	220	233	-	233	251	265	-	262	282	298	-	290	312	329	-											
		LO PR	59	62	68	-	62	66	72	-	64	68	75	-	68	72	78	-	71	75	82	-	73	78	85	-											
75	1600	MBh	48.1	49.5	53.6	57.5	47.0	48.3	52.3	56.2	45.8	47.2	51.1	54.8	44.7	46.0	49.8	53.5	42.5	43.7	47.3	50.8	39.4	40.5	43.9	47.1											
		S/T	0.76	0.68	0.51	0.33	0.79	0.71	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.75	0.56	0.36	0.87	0.77	0.59	0.38	0.87	0.78	0.59	0.38											
		Delta T	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10											
		KW	3.83	3.91	4.04	4.17	4.13	4.22	4.35	4.49	4.39	4.48	4.63	4.78	4.62	4.72	4.88	5.04	4.81	4.92	5.08	5.26	4.98	5.09	5.26	5.44											
		AMPS	16.4	16.7	17.2	17.7	17.5	17.9	18.4	19.0	18.9	19.3	19.8	20.5	20.0	20.4	21.0	21.8	21.1	21.6	22.3	23.0	22.3	22.8	23.5	24.3											
		HI PR	165	178	188	196	186	200	211	220	211	227	240	250	240	259	273	285	270	291	307	320	299	321	339	354											
		LO PR	60	64	70	75	64	68	74	79	66	70	77	82	70	74	81	86	73	78	85	90	75	80	88	93											
1500		MBh	47.6	49.0	53.0	56.9	46.5	47.9	51.8	55.6	45.4	46.7	50.6	54.3	44.3	45.6	49.3	53.0	42.1	43.3	46.9	50.3	39.0	40.1	43.4	46.6											
		S/T	0.75	0.67	0.50	0.32	0.77	0.69	0.52	0.34	0.79	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.86	0.77	0.58	0.37											
		Delta T	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	17	11	20	19	15	11											
		KW	3.82	3.91	4.03	4.16	4.12	4.21	4.34	4.48	4.38	4.47	4.62	4.77	4.61	4.71	4.86	5.03	4.80	4.91	5.07	5.24	4.97	5.08	5.25	5.43											
		AMPS	16.3	16.7	17.2	17.7	17.5	17.9	18.4	19.0	18.8	19.2	19.8	20.4	20.0	20.4	21.0	21.7	21.1	21.6	22.2	23.0	22.2	22.7	23.4	24.2											
		HI PR	165	177	187	195	185	199	210	219	210	226	239	249	240	258	272	284	270	290	306	319	298	320	338	353											
		LO PR	60	64	70	74	64	68	74	79	66	70	77	82	69	74	81	86	73	77	84	90	75	80	87	93											
1400		MBh	46.9	48.3	52.3	56.1	45.8	47.2	51.0	54.8	44.7	46.0	49.8	53.5	43.6	44.9	48.6	52.2	41.4	42.7	46.2	49.6	38.4	39.5	42.8	45.9											
		S/T	0.72	0.64	0.49	0.31	0.75	0.67	0.50	0.32	0.76	0.68	0.52	0.33	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.83	0.74	0.56	0.36											
		Delta T	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11											
		KW	3.77	3.85	3.97	4.10	4.06	4.15	4.28	4.42	4.32	4.41	4.55	4.70	4.54	4.64	4.79	4.95	4.73	4.84	5.00	5.17	4.90	5.01	5.17	5.35											
		AMPS	16.1	16.5	16.9	17.5	17.2	17.6	18.1	18.7	18.5	18.9	19.5	20.2	19.7	20.1	20.7	21.4	20.8	21.3	21.9	22.6	21.9	22.4	23.1	23.9											
		HI PR	162	174	184	192	182	196	207	215	207	223	235	245	236	253	268	279	265	285	301	314	293	315	333	347											
		LO PR	59	63	69	73	62	66	73	77	65	69	75	80	68	73	79	84	71	76	83	88	74	79	86	91											

*NOTE: Shaded area is ARI Rating Conditions

* Entering Indoor Dry Bulb Temperature

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: PCC48C02E

COOLING OPERATION

		Outdoor Ambient Temperature																															
		65					75					85					95					105					115						
IDB*	Airflow	Entering Indoor Wet Bulb Temperature																															
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75		
80	MBh	48.9	50.0	53.4	57.1	47.8	48.8	52.2	55.8	46.7	47.7	50.9	54.4	45.5	46.5	49.7	53.1	43.2	44.2	47.2	50.5	40.1	40.9	43.7	46.7	40.1	40.9	43.7	46.7	40.1	40.9	43.7	46.7
	S/T	0.83	0.78	0.64	0.48	0.86	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55	0.96	0.90	0.73	0.55	0.96	0.90	0.73	0.55
	Delta T	23	22	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15	22	21	18	15	22	21	18	15
	KW	3.86	3.95	4.07	4.20	4.16	4.25	4.39	4.53	4.42	4.52	4.67	4.82	4.66	4.76	4.92	5.08	4.85	4.96	5.13	5.30	5.02	5.14	5.31	5.49	5.02	5.14	5.31	5.49	5.02	5.14	5.31	5.49
	AMPS	16.5	16.8	17.3	17.9	17.7	18.0	18.6	19.2	19.0	19.4	20.0	20.7	20.2	20.6	21.2	21.9	21.3	21.8	22.5	23.2	22.5	23.0	23.7	24.5	22.5	23.0	23.7	24.5	22.5	23.0	23.7	24.5
	HI PR	167	180	190	198	187	202	213	222	213	229	242	253	243	261	276	288	273	294	310	324	302	325	343	358	302	325	343	358	302	325	343	358
	LO PR	61	65	71	75	64	69	75	80	67	71	78	83	70	75	82	87	74	78	86	91	76	81	89	94	76	81	89	94	76	81	89	94
	MBh	48.4	49.5	52.9	56.5	47.3	48.4	51.7	55.2	46.2	47.2	50.4	53.9	45.1	46.1	49.2	52.6	42.8	43.7	46.7	50.0	39.7	40.5	43.3	46.3	39.7	40.5	43.3	46.3	39.7	40.5	43.3	46.3
	S/T	0.82	0.77	0.62	0.47	0.85	0.80	0.65	0.48	0.87	0.82	0.66	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.94	0.88	0.72	0.54	0.94	0.88	0.72	0.54	0.94	0.88	0.72	0.54
	Delta T	24	23	20	16	25	24	20	16	25	24	21	16	25	24	21	17	24	23	20	16	23	22	19	15	23	22	19	15	23	22	19	15
1500	KW	3.85	3.94	4.06	4.19	4.15	4.24	4.38	4.52	4.41	4.51	4.66	4.81	4.64	4.75	4.90	5.07	4.84	4.95	5.11	5.29	5.01	5.12	5.29	5.47	5.01	5.12	5.29	5.47	5.01	5.12	5.29	5.47
	AMPS	16.5	16.8	17.3	17.8	17.6	18.0	18.5	19.1	19.0	19.4	19.9	20.6	20.1	20.6	21.2	21.9	21.3	21.7	22.4	23.2	22.4	22.9	23.6	24.4	22.4	22.9	23.6	24.4	22.4	22.9	23.6	24.4
	HI PR	166	179	189	197	187	201	212	221	212	229	241	252	242	260	275	287	272	293	309	323	301	324	342	357	301	324	342	357	301	324	342	357
	LO PR	61	65	71	75	64	68	75	79	67	71	77	83	70	75	81	87	73	78	85	91	76	81	88	94	76	81	88	94	76	81	88	94
	MBh	47.7	48.8	52.1	55.7	46.6	47.6	50.9	54.4	45.5	46.5	49.7	53.1	44.4	45.4	48.5	51.8	42.2	43.1	46.0	49.2	39.1	39.9	42.6	45.6	39.1	39.9	42.6	45.6	39.1	39.9	42.6	45.6
	S/T	0.79	0.74	0.60	0.45	0.82	0.77	0.62	0.47	0.84	0.79	0.64	0.48	0.87	0.81	0.66	0.49	0.90	0.84	0.69	0.51	0.91	0.85	0.69	0.52	0.91	0.85	0.69	0.52	0.91	0.85	0.69	0.52
	Delta T	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	15	23	22	19	15	23	22	19	15
	KW	3.80	3.88	4.01	4.13	4.09	4.18	4.32	4.46	4.35	4.45	4.59	4.74	4.58	4.68	4.83	5.00	4.77	4.88	5.04	5.21	4.94	5.05	5.22	5.40	4.94	5.05	5.22	5.40	4.94	5.05	5.22	5.40
	AMPS	16.2	16.6	17.1	17.6	17.4	17.8	18.3	18.9	18.7	19.1	19.7	20.3	19.8	20.3	20.9	21.6	21.0	21.4	22.1	22.8	22.1	22.6	23.3	24.1	22.1	22.6	23.3	24.1	22.1	22.6	23.3	24.1
	HI PR	164	176	186	194	184	198	209	218	209	225	237	248	238	256	270	282	268	288	304	317	296	318	336	350	296	318	336	350	296	318	336	350
LO PR	60	64	69	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	79	87	92	75	79	87	92	75	79	87	92	
85	MBh	49.8	50.8	53.2	56.7	48.6	49.6	51.9	55.4	47.5	48.4	50.7	54.1	46.3	47.2	49.4	52.7	44.0	44.8	47.0	50.1	40.8	41.5	43.5	46.4	40.8	41.5	43.5	46.4	40.8	41.5	43.5	46.4
	S/T	0.87	0.84	0.76	0.62	0.91	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.87	0.71	1.00	0.97	0.87	0.71	1.00	0.97	0.87	0.71
	Delta T	25	25	23	20	25	25	24	20	25	25	24	20	26	25	24	21	25	25	23	20	23	23	22	19	23	23	22	19	23	23	22	19
	KW	3.89	3.98	4.10	4.24	4.20	4.29	4.42	4.57	4.46	4.56	4.71	4.86	4.70	4.80	4.96	5.12	4.89	5.00	5.17	5.35	5.07	5.18	5.35	5.54	5.07	5.18	5.35	5.54	5.07	5.18	5.35	5.54
	AMPS	16.6	17.0	17.5	18.0	17.8	18.2	18.7	19.3	19.2	19.6	20.2	20.8	20.3	20.8	21.4	22.1	21.5	22.0	22.6	23.4	22.7	23.2	23.9	24.7	22.7	23.2	23.9	24.7	22.7	23.2	23.9	24.7
	HI PR	169	182	192	200	189	204	215	224	215	232	245	255	245	264	279	291	276	297	313	327	305	328	346	361	305	328	346	361	305	328	346	361
	LO PR	62	65	71	76	65	69	76	80	68	72	79	84	71	76	82	88	74	79	86	92	77	82	89	95	77	82	89	95	77	82	89	95
	MBh	49.3	50.2	52.6	56.1	48.1	49.1	51.4	54.8	47.0	47.9	50.2	53.5	45.9	46.7	49.0	52.2	43.6	44.4	46.5	49.6	40.4	41.1	43.1	46.0	40.4	41.1	43.1	46.0	40.4	41.1	43.1	46.0
	S/T	0.86	0.83	0.75	0.61	0.89	0.86	0.77	0.63	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.66	0.98	0.94	0.85	0.69	0.98	0.95	0.86	0.70	0.98	0.95	0.86	0.70	0.98	0.95	0.86	0.70
	Delta T	26	25	24	21	26	26	24	21	26	26	24	21	26	26	25	21	26	26	24	21	24	24	23	20	24	24	23	20	24	24	23	20
KW	3.89	3.97	4.09	4.23	4.19	4.28	4.41	4.56	4.45	4.55	4.70	4.85	4.68	4.79	4.95	5.11	4.88	4.99	5.16	5.33	5.05	5.17	5.34	5.52	5.05	5.17	5.34	5.52	5.05	5.17	5.34	5.52	
AMPS	16.6	16.9	17.4	18.0	17.8	18.1	18.7	19.3	19.1	19.5	20.1	20.8	20.3	20.8	21.3	22.1	21.4	21.9	22.6	23.4	22.6	23.1	23.8	24.6	22.6	23.1	23.8	24.6	22.6	23.1	23.8	24.6	
HI PR	168	181	191	199	189	203	214	224	215	231	244	254	244	263	278	290	275	296	312	326	304	327	345	360	304	327	345	360	304	327	345	360	
LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95	77	82	89	95	77	82	89	95	
1500	MBh	48.6	49.5	51.8	55.3	47.4	48.3	50.6	54.0	46.3	47.2	49.4	52.7	45.2	46.0	48.2	51.4	42.9	43.7	45.8	48.9	39.7	40.5	42.4	45.3	39.7	40.5	42.4	45.3	39.7	40.5	42.4	45.3
	S/T	0.83	0.80	0.72	0.58	0.86	0.83	0.75	0.61	0.88	0.85	0.77	0.62	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.95	0.92	0.83	0.67	0.95	0.92	0.83	0.67	0.95	0.92	0.83	0.67
	Delta T	26	26	25	21	27	26	25	21	27	26	25	22	27	26	25	22	27	26	25	21	25	24	23	20	25	24	23	20	25	24	23	20
	KW	3.83	3.91	4.04	4.17	4.13	4.22	4.35	4.49	4.39	4.48	4.63	4.78	4.62	4.72	4.87	5.04	4.81	4.92	5.08	5.25	4.98	5.09	5.26	5.44	4.98	5.09	5.26	5.44	4.98	5.09	5.26	5.44
	AMPS	16.4																															

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: PCC60C02E

COOLING OPERATION

		Outdoor Ambient Temperature												105												115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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IDB*	Airflow	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591	1595	1599	1603	1607	1611	1615	1619	1623	1627	1631	1635	1639	1643	1647	1651	1655	1659	1663	1667	1671	1675	1679	1683	1687	1691	1695	1699	1703	1707	1711	1715	1719	1723	1727	1731	1735	1739	1743	1747	1751	1755	1759	1763	1767	1771	1775	1779	1783	1787	1791	1795	1799	1803	1807	1811	1815	1819	1823	1827	1831	1835	1839	1843	1847	1851	1855	1859	1863	1867	1871	1875	1879	1883	1887	1891	1895	1899	1903	1907	1911	1915	1919	1923	1927	1931	1935	1939	1943	1947	1951	1955	1959	1963	1967	1971	1975	1979	1983	1987	1991	1995	1999	2003	2007	2011	2015	2019	2023	2027	2031	2035	2039	2043	2047	2051	2055	2059	2063	2067	2071	2075	2079	2083	2087	2091	2095	2099	2103	2107	2111	2115	2119	2123	2127	2131	2135	2139	2143	2147	2151	2155	2159	2163	2167	2171	2175	2179	2183	2187	2191	2195	2199	2203	2207	2211	2215	2219	2223	2227	2231	2235	2239	2243	2247	2251	2255	2259	2263	2267	2271	2275	2279	2283	2287	2291	2295	2299	2303	2307	2311	2315	2319	2323	2327	2331	2335	2339	2343	2347	2351	2355	2359	2363	2367	2371	2375	2379	2383	2387	2391	2395	2399	2403	2407	2411	2415	2419	2423	2427	2431	2435	2439	2443	2447	2451	2455	2459	2463	2467	2471	2475	2479	2483	2487	2491	2495	2499	2503	2507	2511	2515	2519	2523	2527	2531	2535	2539	2543	2547	2551	2555	2559	2563	2567	2571	2575	2579	2583	2587	2591	2595	2599	2603	2607	2611	2615	2619	2623	2627	2631	2635	2639	2643	2647	2651	2655	2659	2663	2667	2671	2675	2679	2683	2687	2691	2695	2699	2703	2707	2711	2715	2719	2723	2727	2731	2735	2739	2743	2747	2751	2755	2759	2763	2767	2771	2775	2779	2783	2787	2791	2795	2799	2803	2807	2811	2815	2819	2823	2827	2831	2835	2839	2843	2847	2851	2855	2859	2863	2867	2871	2875	2879	2883	2887	2891	2895	2899	2903	2907	2911	2915	2919	2923	2927	2931	2935	2939	2943	2947	2951	2955	2959	2963	2967	2971	2975	2979	2983	2987	2991	2995	2999	3003	3007	3011	3015	3019	3023	3027	3031	3035	3039	3043	3047	3051	3055	3059	3063	3067	3071	3075	3079	3083	3087	3091	3095	3099	3103	3107	3111	3115	3119	3123	3127	3131	3135	3139	3143	3147	3151	3155	3159	3163	3167	3171	3175	3179	3183	3187	3191	3195	3199	3203	3207	3211	3215	3219	3223	3227	3231	3235	3239	3243	3247	3251	3255	3259	3263	3267	3271	3275	3279	3283	3287	3291	3295	3299	3303	3307	3311	3315	3319	3323	3327	3331	3335	3339	3343	3347	3351	3355	3359	3363	3367	3371	3375	3379	3383	3387	3391	3395	3399	3403	3407	3411	3415	3419	3423	3427	3431	3435	3439	3443	3447	3451	3455	3459	3463	3467	3471	3475	3479	3483	3487	3491	3495	3499	3503	3507	3511	3515	3519	3523	3527	3531	3535	3539	3543	3547	3551	3555	3559	3563	3567	3571	3575	3579	3583	3587	3591	3595	3599	3603	3607	3611	3615	3619	3623	3627	3631	3635	3639	3643	3647	3651	3655	3659	3663	3667	3671	3675	3679	3683	3687	3691	3695	3699	3703	3707	3711	3715	3719	3723	3727	3731	3735	3739	3743	3747	3751	3755	3759	3763	3767	3771	3775	3779	3783	3787	3791	3795	3799	3803	3807	3811	3815	3819	3823	3827	3831	3835	3839	3843	3847	3851	3855	3859	3863	3867	3871	3875	3879	3883	3887	3891	3895	3899	3903	3907	3911	3915	3919	3923	3927	3931	3935	3939	3943	3947	3951	3955	3959	3963	3967	3971	3975	3979	3983	3987	3991	3995	3999	4003	4007	4011	4015	4019	4023	4027	4031	4035	4039	4043	4047	4051	4055	4059	4063	4067	4071	4075	4079	4083	4087	4091	4095	4099	4103	4107	4111	4115	4119	4123	4127	4131	4135	4139	4143	4147	4151	4155	4159	4163	4167	4171	4175	4179	4183	4187	4191	4195	4199	4203	4207	4211	4215	4219	4223	4227	4231	4235	4239	4243	4247	4251	4255	4259	4263	4267	4271	4275	4279	4283	4287	4291	4295	4299	4303	4307	4311	4315	4319	4323	4327	4331	4335	4339	4343	4347	4351	4355	4359	4363	4367	4371	4375	4379	4383	4387	4391	4395	4399	4403	4407	4411	4415	4419	4423	4427	4431	4435	4439	4443	4447	4451	4455	4459	4463	4467	4471	4475	4479	4483	4487	4491	4495	4499	4503	4507	4511	4515	4519	4523	4527	4531	4535	4539	4543	4547	4551	4555	4559	4563	4567	4571	4575	4579	4583	4587	4591	4595	4599	4603	4607	4611	4615	4619	4623	4627	4631	4635	4639	4643	4647	4651	4655	4659	4663	4667	4671	4675	4679	4683	4687	4691	4695	4699	4703	4707	4711	4715	4719	4723	4727	4731	4735	4739	4743	4747	4751	4755	4759	4763	4767	4771	4775	4779	4783	4787	4791	4795	4799	4803	4807	4811	4815	4819	4823	4827	4831	4835	4839	4843	4847	4851	4855	4859	4863	4867	4871	4875	4879	4883	4887	4891	4895	4899	4903	4907	4911	4915	4919	4923	4927	4931	4935	4939	4943	4947	49

COOLING PERFORMANCE DATA

MODEL: PCC60C02E

EXPANDED PERFORMANCE DATA

COOLING OPERATION

		Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
	1925	MBh	58.6	59.8	63.9	68.4	57.2	58.5	62.5	66.8	55.8	57.1	61.0	65.2	54.5	55.7	59.5	63.6	51.8	52.9	56.5	60.4	47.9	49.0	52.3	56.0
		S/T	0.82	0.77	0.63	0.47	0.85	0.80	0.65	0.49	0.87	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.94	0.88	0.72	0.53	0.95	0.89	0.72	0.54
		Delta T	23	22	19	15	23	22	19	16	23	22	19	16	23	23	20	16	23	22	19	15	22	21	18	14
		KW	4.88	4.98	5.13	5.30	5.25	5.36	5.53	5.70	5.57	5.69	5.87	6.06	5.86	5.98	6.18	6.38	6.10	6.23	6.43	6.65	6.31	6.45	6.66	6.88
		AMPS	20.7	21.2	21.8	22.5	22.2	22.7	23.4	24.2	24.0	24.5	25.2	26.1	25.4	26.0	26.8	27.7	26.9	27.5	28.4	29.4	28.4	29.0	29.9	31.0
		HI PR	181	195	205	214	203	218	231	240	231	248	262	274	263	283	299	312	296	318	336	350	327	352	371	387
80	1750	LO PR	58	61	67	72	61	65	71	76	63	68	74	79	67	71	77	82	70	74	81	86	72	77	84	89
		MBh	57.7	59.0	63.0	67.3	56.4	57.6	61.5	65.8	55.0	56.2	60.1	64.2	53.7	54.8	58.6	62.6	51.0	52.1	55.7	59.5	47.2	48.3	51.6	55.1
		S/T	0.79	0.74	0.60	0.45	0.82	0.77	0.62	0.47	0.84	0.79	0.64	0.48	0.86	0.81	0.66	0.49	0.90	0.84	0.69	0.51	0.90	0.85	0.69	0.52
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15
		KW	4.85	4.95	5.11	5.27	5.22	5.33	5.49	5.67	5.54	5.66	5.84	6.03	5.82	5.95	6.14	6.34	6.06	6.20	6.40	6.61	6.27	6.41	6.62	6.84
		AMPS	20.6	21.1	21.7	22.4	22.1	22.6	23.3	24.0	23.8	24.3	25.1	25.9	25.3	25.9	26.6	27.6	26.8	27.4	28.2	29.2	28.2	28.9	29.8	30.8
	1600	HI PR	180	193	204	213	201	217	229	239	229	247	260	272	261	281	297	309	294	316	334	348	324	349	369	385
		LO PR	57	61	67	71	61	65	70	75	63	67	73	78	66	70	77	82	69	74	81	86	72	76	83	89
		MBh	56.8	58.1	62.1	66.3	55.5	56.7	60.6	64.8	54.2	55.4	59.2	63.2	52.9	54.0	57.7	61.7	50.2	51.3	54.8	58.6	46.5	47.5	50.8	54.3
		S/T	0.76	0.71	0.58	0.43	0.79	0.74	0.60	0.45	0.81	0.76	0.62	0.46	0.83	0.78	0.64	0.48	0.87	0.81	0.66	0.49	0.87	0.82	0.67	0.50
		Delta T	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	16
		KW	4.79	4.89	5.04	5.20	5.15	5.26	5.42	5.59	5.46	5.58	5.76	5.94	5.74	5.87	6.05	6.25	5.98	6.11	6.31	6.52	6.18	6.32	6.53	6.74
	1600	AMPS	20.3	20.8	21.4	22.1	21.8	22.3	22.9	23.7	23.5	24.0	24.7	25.6	24.9	25.5	26.3	27.2	26.4	27.0	27.8	28.8	27.8	28.4	29.3	30.4
		HI PR	177	190	201	209	198	213	225	235	225	242	256	267	257	276	292	304	289	311	328	342	319	343	362	378
		LO PR	56	60	66	70	60	63	69	74	62	66	72	77	65	69	76	81	68	73	79	84	71	75	82	87

COOLING PERFORMANCE DATA

PERFORMANCE TEST

All data based upon listed indoor dry bulb temperature. .00 inches external static pressure on coil of outdoor section. Indoor air cubic feet per minute (CFM) as listed in the Performance Data Sheets:

If conditions vary from this, results will change as follows:

1. As indoor dry bulb temperatures increase, a slight increase will occur in indoor air temperature drop (ΔT). Low and high side pressures and power will not change.
2. As indoor CFM decreases, a slight increase will occur in indoor temperature drop (ΔT). A slight decrease will occur in low and high side pressures and power.

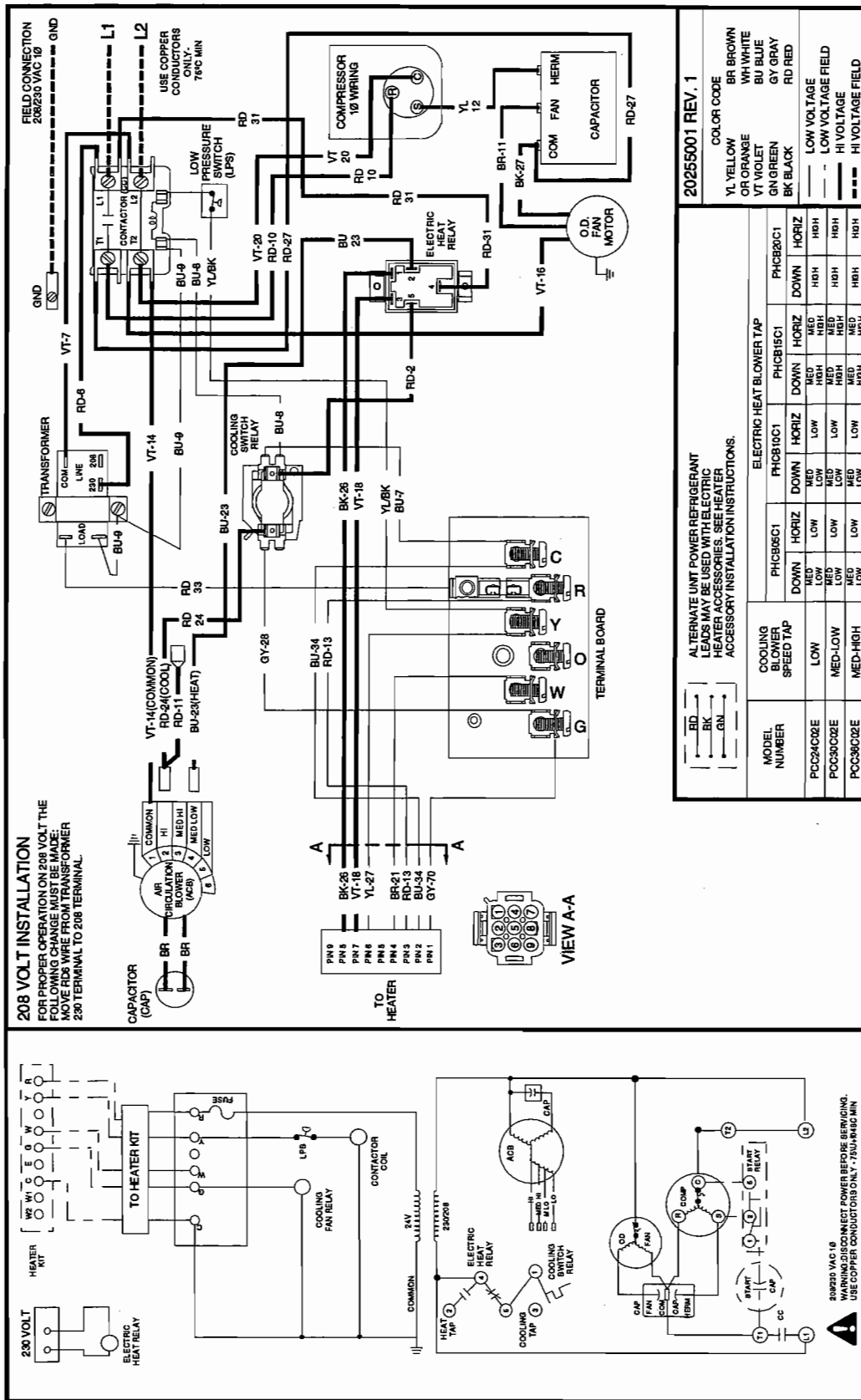
A properly operating unit should be within plus or minus **3 degrees** of the typical (ΔT) value shown.

A properly operating unit should be within plus or minus **7 PSIG** of the **head pressure** shown.

A properly operating unit should be within plus or minus **3 PSIG** of the **suction pressure** shown.

A properly operating unit should be within plus or minus **3 Amps** of the typical value shown.

WIRING DIAGRAMS

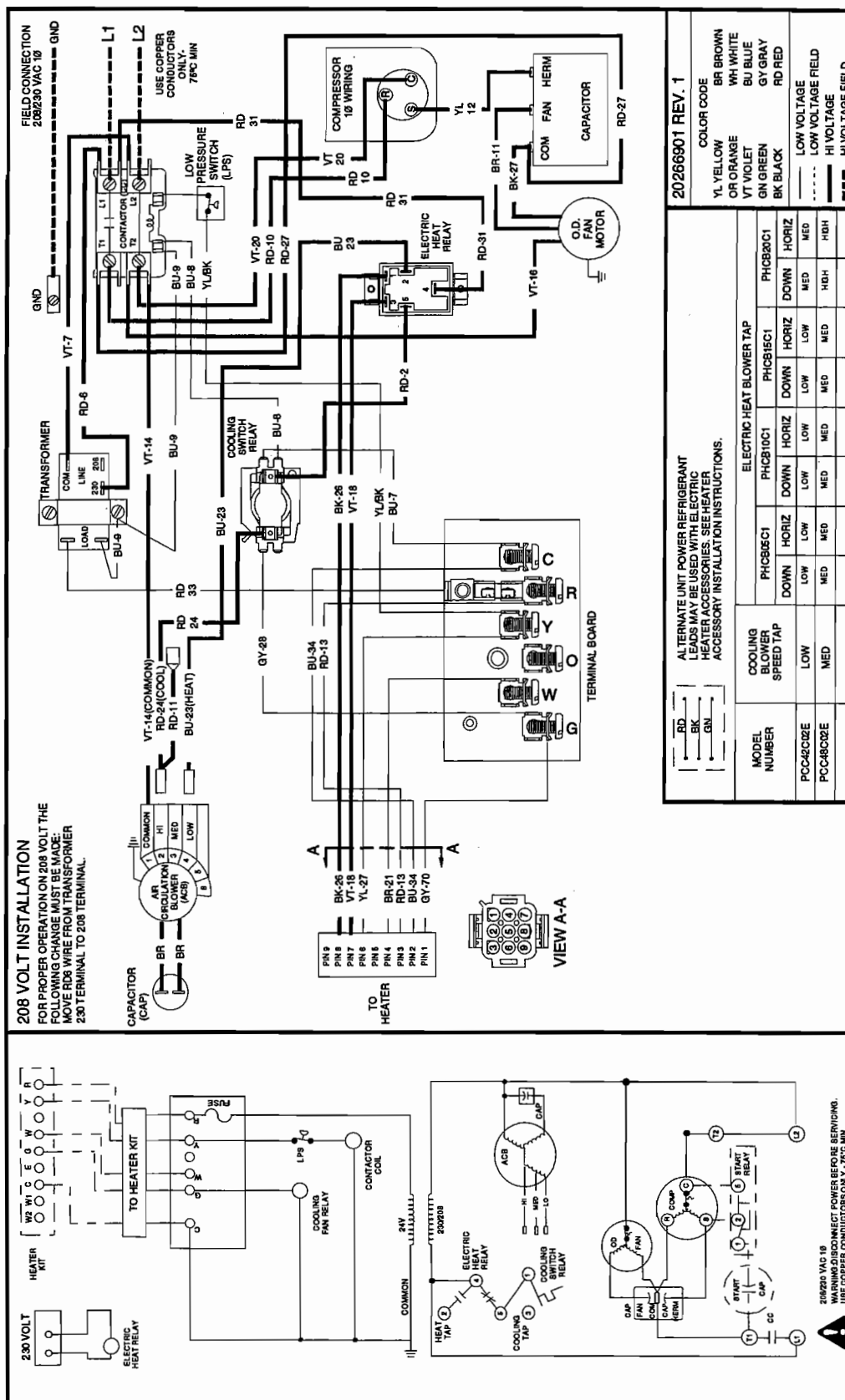


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WARNING

TO AVOID POSSIBLE ELECTRICAL SHOCK, PERSONAL INJURY, OR DEATH, DISCONNECT THE POWER BEFORE SERVICING.

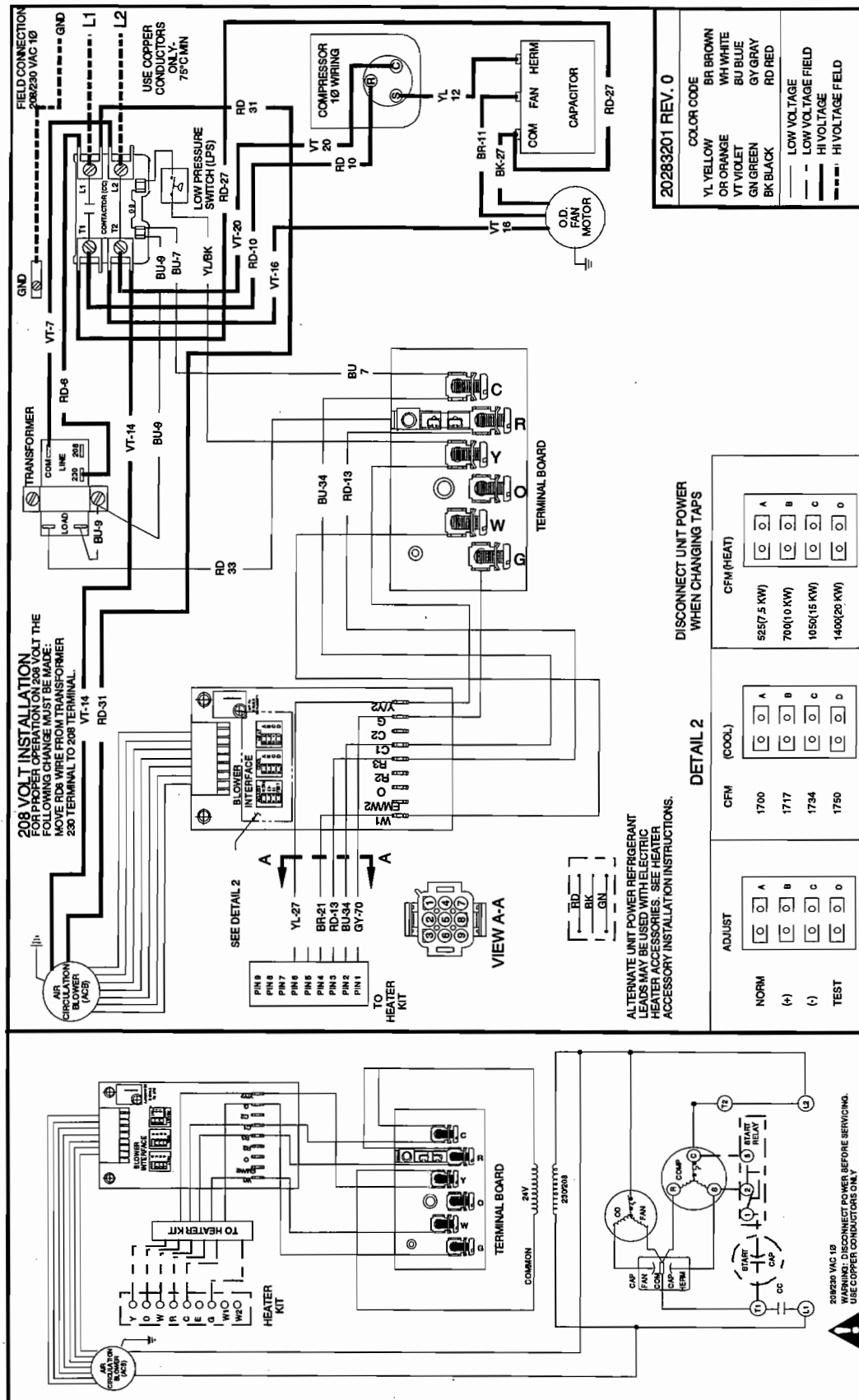
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