

# PC-PH™ SERIES 7,000 THRU 24,000 ENGINEERING DATA

	Model Numbers Nominal Capacity Voltage	07 7,000				09 9,000				12 12,000				15 15,000		
		115	208	230	265	115	208	230	265	115	208	230	265	208	230	265
<b>COOLING CHASSIS</b>	<b>COOLING (HI-FAN SPEED)<sup>1</sup></b>															
	Total Capacity (BTUH)	7682	7682	7682	7682	9694	9694	9694	9694	12463	12463	12463	12463	14939	14939	14939
	Sensible Capacity	6320	6320	6440	6400	7151	7151	7251	7251	8586	8586	8710	8710	10963	11083	11083
	<b>ELECTRICAL DATA</b>															
	Full Load Amps	5.8	3.2	2.9	2.5	7.4	4.1	3.7	3.2	10.1	5.6	5.1	4.4	7.6	6.9	6.0
	Locked Rotor Amps	39.2	16.6	16.6	17.1	48.3	31.0	31.0	22.9	54.0	34.2	34.2	30.0	40.0	40.0	35.0
	Watts	637	666	667	663	851	853	851	848	1135	1165	1173	1166	1580	1590	1590
	EER (BTUH/Watt)	11.5	11.5	11.5	11.6	11.4	11.4	11.4	11.4	10.7	10.7	10.7	10.7	9.5	9.5	9.5
Power Factor %	98.0	98.0	97.0	98.0	90.7	90.7	90.6	92.6	98.0	99.0	98.9	99.0	98.6	97.5	97.7	
<b>HEATING CAPACITY</b>	<b>HEATING (HI-FAN SPEED)</b>															
	Capacity (BTUH)	8400	8400	8400	8400	10200	10200	10200	10200	13300	13300	13300	13300	15500	15500	15500
	<b>ELECTRICAL DATA</b>															
	Full Load Amps	N/A	3.4	3.1	2.6	N/A	5.0	4.6	3.8	N/A	5.9	5.4	4.5	6.6	6.0	5.0
	Locked Rotor Amps	N/A	16.6	16.6	17.1	N/A	31.0	31.0	22.9	N/A	34.2	34.2	30.0	40.0	40.0	35.0
	Full Load KW	N/A	.68	.68	.68	N/A	.92	.92	.92	N/A	1.2	1.2	1.2	1.35	1.35	1.35
	COP (Coefficient of Performance)	N/A	3.6	3.6	3.6	N/A	3.2	3.2	3.2	N/A	3.2	3.2	3.2	3.3	3.3	3.3
Power Factor %	N/A	95.7	95.3	94.4	N/A	88.5	87.1	87.4	N/A	97.8	96.6	96.3	98.3	97.8	97.5	
<b>HYDRONIC HEAT</b>	<b>HEATING (HI-FAN SPEED)</b>															
	Hot Water (BTUH) <sup>2</sup>	12,600				12,600				12,600				14,300		
	Steam (BTUH) <sup>3</sup>	12,600				12,600				12,600				18,900		
<b>ELECTRIC HEAT AMPERES</b>	<b>KILOWATTS</b>															
	<b>115    208    230    265</b>															
	2.5    2.5    —    —	19.6	14.4	—	—	19.6	14.4	—	—	19.6	14.4	—	—	14.4	—	—
	—    —    3.0    3.0	—	—	15.3	12.5	—	—	15.3	12.5	—	—	15.3	12.5	—	15.3	12.5
	—    3.3    —    —	—	18.3	—	—	—	18.3	—	—	—	18.3	—	—	18.3	—	—
	—    —    4.0    4.0	—	—	19.6	16.2	—	—	19.6	16.1	—	—	19.6	16.1	—	19.6	16.1
	—    4.3    —    —	—	—	—	—	—	—	—	—	—	23.1	—	—	23.1	—	—
—    —    5.3    5.3	—	—	—	—	—	—	—	—	—	—	25.2	20.8	—	25.2	20.8	
<b>OVER CURRENT PROTECTION AMPERES</b>	<b>COOLING/HEAT PUMP CHASSIS</b>															
	W/O Auxiliary Heating	15	10	10	10	15	10	10	10	15	15	15	15	15	15	15
	With Auxiliary Heating															
	2.5 KW to 3.0 KW	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	3.3 KW to 4.0 KW	—	25	25	25	—	25	25	25	—	25	25	25	25	25	25
	4.3 KW to 5.3 KW	—	—	—	—	—	—	—	—	—	30	30	30	30	30	30
Steam or Hot Water	15	10	10	10	15	10	10	10	15	15	15	15	15	15	15	
<b>FAN MOTOR DATA</b>	<b>CFM-COOLING AND HEATING</b>															
	High Speed	400				400				400				475		
	Low Speed	325				325				325				350		
	Ventilation	70				70				70				85		
	Motor HP	1/4				1/4				1/4				1/4		

<sup>1</sup> 80F DB/67F WB air entering evaporator; 95F DB/75F WB air entering condenser per ARI Std. 310-70.  
 CNI reserves the right to modify specifications without prior notice in its efforts to improve product quality.

<sup>2</sup> 200F EWT/180F LWT at 2 GPM 70F EAT.

<sup>3</sup> 2 PSI 70F EAT saturated steam.