

Model Numbers	07				09				12				15			18		
Nominal Capacity	7000				9000				12000				15000			18000		
Voltage	115	208	230	277	115	208	230	277	115	208	230	277	208	230	277	208	230	277

Cooling - Heat Pump and Cooling Only Chassis

COOLING (HI-FAN SPEED)¹																		
Total Capacity (BTUH)	7682	7682	7682	7682	9694	9694	9694	9694	12463	12463	12463	12463	14939	14939	14939	17361	17361	17361
Sensible Capacity (BTUH)	6320	6320	6440	6440	7151	7151	7271	7271	8586	8586	8710	8710	10963	11083	11083	12022	12142	12142

ELECTRICAL DATA																		
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	9.2	8.5	7.4
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	48.2	48.2	44.0
Watts	637	666	667	663	851	853	851	848	1135	1165	1173	1166	1580	1581	1590	1913	1955	1961
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	9.1	9.1	9.1
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	92.7	92.3	92.2

Heating - Reverse Cycle Heat Pump Only

HEATING (HI-FAN SPEED)																		
Capacity (BTUH)	8400	8400	8400	8400	10200	10200	10200	10200	13300	13300	13300	13300	15500	15500	15500	18100	18100	18100

ELECTRICAL DATA																		
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	7.7	7.0	5.8
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	48.2	48.2	44.0
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	1.48	1.48	1.48
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	3.5	3.5	3.5
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	92.4	91.9	92.1

Hydronic Heat

HEATING (HI-FAN SPEED)																			
Hot Water (BTUH) ²		14,200				14,200				14,200				15,900			15,900		
Steam (BTUH) ³		17,600				17,600				17,600				19,400			19,400		

Recommended Overcurrent Protection - Amperes

KILOWATTS																		
115 208 230 277																		
2.5 2.5 — —	19.6	14.4	—	—	19.6	14.4	—	—	19.6	14.4	—	—	14.4	—	—	14.4	—	—
— — 3.0 3.0	—	—	15.3	12.5	—	—	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	—	—	18.3	—	—
— — 4.0 4.0	—	—	19.6	16.1	—	—	19.6	16.1	—	—	19.6	16.1	—	19.6	16.1	—	19.6	16.1
— 4.3 — —	—	—	—	—	—	—	—	—	—	23.1	—	—	23.1	—	—	23.1	—	—
— — 5.3 5.3	—	—	—	—	—	—	—	—	—	—	25.2	20.8	—	25.2	20.8	—	25.2	20.8

Recommended Overcurrent Protection - Amperes

COOLING/HEAT PUMP CHASSIS																		
W/O Auxiliary Heating	15	10	10	10	15	10	10	10	15	15	15	15	15	15	15	20	20	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	20	20	20
3.3 KW to 4.0 KW	—	25	25	25	—	25	25	25	—	25	25	25	25	25	25	25	25	25
4.3 KW to 5.3 KW	—	—	—	—	—	—	—	—	—	30	35	30	30	35	30	30	35	30
Steam or Hot Water	15	10	10	10	15	10	10	10	15	15	15	15	15	15	15	20	20	15

Fan Motor Data

CFM-COOLING AND HEATING																			
High Speed		400				400				400				475			475		
Low Speed		325				325				325				350			350		
Ventilation		70				70				70				85			85		
Motor HP		1/4				1/4				1/4				1/4			1/4		

¹80F DB/67F WB air entering evaporator; 95F DB/75F WB air entering condenser per ARI Std. 310-70. ²200F EWT/180F LWT at 2 GPM 70F EAT. ³2 PSI 70F EAT saturated steam. CNI reserves the right to modify specifications without prior notice in its efforts to improve product quality.