

TEMPSTAR®

Heating and Cooling Products

CAC SERIES
COMMERCIAL
CONDENSING UNIT
AIR CONDITIONING

21.9 to 31 kW Cooling Capacity
380/420V-3ph-50Hz



CE
pending

Features

Triple Step Painting Process over Galvanized Steel

Tandem Scroll Compressors On All Units

High And Low Pressure Switches

Two Stage Cooling

Low Ambient Control to -17.8 deg C

Externally Mounted Gauge Ports

Crankcase Heater

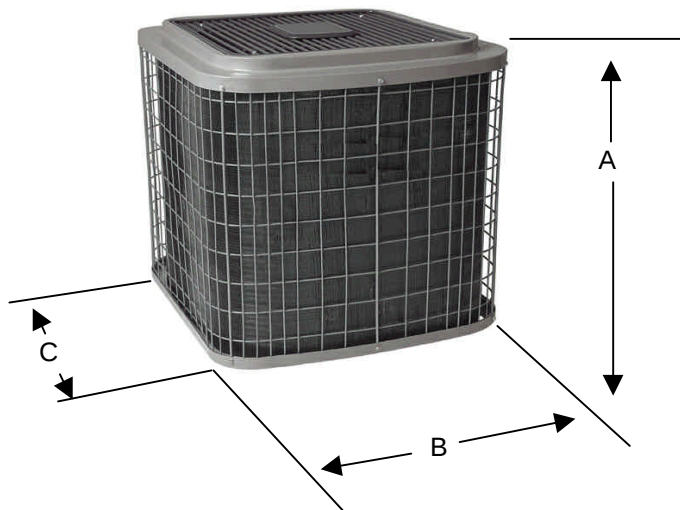


International Division
1621 Heil Quaker Boulevard
LaVergne Tennessee USA 37086

501 21 1802 00

Unit Specifications			
		CAC090LA	CAC120LA
Electrical Data	Volts-Phase-Hz.	380/420-3-50	
	Voltage Utilization Range	342 - 462	
	Amp draw	16.9	20.9
	Ampacity	18.7	23.2
	Max Fuse Size	25	30
Compressor	Quantity/Type	2/Tandem Scrolls	
	Rated Load Amps (each compressor)	7.37	8.97
	Locked Rotor Amps (each compressor)	49.5	62
	# Refrigeration Circuits	1	1
Fan	HP	3/4	1
	Full Load Amps	2.1	3.0
	Locked Rotor Amps	4.7	6.6
	Diameter mm	660	660
	RPM	895	917
	CMH	10,540	12,750
Coil	Face Area (Sqm)	2.5	2.5
	Fins per mm -rows	0.79	0.87
	Tube Diameter (mm)	9.52	9.52
Refrigerant	Type	R22	R22
	Shipping Charge (kg)	0.28	0.28
	Operating Charge (kg)	6.8	13.8
	Connection size liquid/suction (mm)	15.9/28.6	22.2/34.9
Factory Installed Controls	Compressor IPR Valve (psi/kPa)	187	214
	High Pressure Control (psi/kPa)	420/2,896	
	Low Pressure Control (psi/kPa)	5/34.5	
	Low Ambient Control (psi/kPa)	115/793	
	Crankcase Heater	Strap On	
Unit	Shipping Weight (kg)	187	214
	Container Loading 20ft/40ft/40ft HC	24/56/56	24/56/56

Dimensions (mm)



	CAC090LA	CAC120LA
Shipping		
A	1130	1130
B	857	857
C	908	908
Net		
A	1080	1080
B	838	838
C	889	889

PERFORMANCE DATA

Outdoor Model	Indoor Unit	Capacity Output		Input kW	EER	S/T Ratio	Design CFM/CMH
		Btuh	kW				
CAC090LA	BMB090N	75,000	21.9	8,241	9.1	0.78	2500/4250
	FTA075	80,000	23.4	8,421	9.5	0.80	3000/5150
CAC120LA	BMB120N	100,000	29.3	10,989	9.1	0.78	3333/5666
	FTA100	106,000	31.0	11,157	9.5	0.80	4000/6800

Gross Cooling Performance CAC090LA

SATURATED SUCTION TEMP DEGF/DEGC		AMBIENT AIR TEMP DEGF/DEGC					
		75/24	85/29	95/35	105/41	115/46	125/52
35/1.5	Capacity btuh	72,648	68,142	63,573	58,216	53,017	46,478
	Capacity kW	21.30	19.98	18.64	17.07	15.54	13.63
	Input kW	6.20	6.36	6.47	6.66	6.79	6.97
40/4.4	Capacity btuh	81,928	76,571	70,899	65,070	59,319	51,993
	Capacity kW	24.02	22.45	20.79	19.08	17.39	15.24
	Input kW	6.30	6.55	6.79	7.04	7.27	7.51
45/7.2	Capacity btuh	90,594	84,606	78,777	72,317	66,094	59,083
	Capacity kW	26.56	24.81	23.10	21.20	19.38	17.32
	Input kW	6.40	6.81	7.15	7.45	7.70	7.98
50/10	Capacity btuh	99,338	93,114	87,049	80,077	73,105	65,385
	Capacity kW	29.13	27.30	25.52	23.48	21.43	19.17
	Input kW	6.77	7.10	7.45	7.85	8.15	8.47

Gross Cooling Performance CAC120LA

SATURATED SUCTION TEMP DEGF/DEGC		AMBIENT AIR TEMP DEGF/DEGC					
		75/24	85/29	95/35	105/41	115/46	125/52
35/1.5	Capacity btuh	96,864	90,856	84,764	77,622	70,689	61,971
	Capacity kW	28.40	26.64	24.85	22.76	20.73	18.17
	Input kW	8.26	8.48	8.62	8.88	9.05	9.29
40/4.4	Capacity btuh	109,237	102,095	94,532	86,760	79,092	69,324
	Capacity kW	32.03	29.93	27.72	25.44	23.19	20.33
	Input kW	8.40	8.73	9.05	9.39	9.69	10.01
45/7.2	Capacity btuh	120,791	112,809	105,036	96,423	88,125	78,777
	Capacity kW	35.42	33.08	30.80	28.27	25.84	23.10
	Input kW	8.53	9.08	9.53	9.94	10.27	10.64
50/10	Capacity btuh	132,450	124,153	116,065	106,769	97,473	87,180
	Capacity kW	38.83	36.40	34.03	31.30	28.58	25.56
	Input kW	9.03	9.46	9.93	10.47	10.86	11.29

CAC090LA

BMB090L

380/420V-3-50

Expanded Performance Data - COOLING CAPACITY

IDB*	CMH		Ambient Air Temperature Deg C Dry Bulb																							
			18				24				29				35				41				46			
			Entering Indoor Air Temperature WB Deg C																							
			15	17	19	22	15	17	19	22	15	17	19	22	15	17	19	22	15	17	19	22	15	17	19	22
21.1	4760	MBh	73.5	76.2	83.5	-	71.8	74.4	81.5	-	70.1	72.6	79.6	-	68.4	70.9	77.6	-	64.9	67.3	73.8	-	60.2	62.4	68.3	-
		kW Capacity	21.5	22.3	24.5	-	21.0	21.8	23.9	-	20.5	21.3	23.3	-	20.0	20.8	22.8	-	19.0	19.7	21.6	-	17.6	18.3	20.0	-
		S/T	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.89	0.74	0.52	-	0.90	0.75	0.52	-
		kW Input	6.32	6.46	6.68	-	6.84	7.00	7.24	-	7.30	7.47	7.73	-	7.71	7.89	8.17	-	8.05	8.25	8.54	-	8.35	8.55	8.85	-
	4250	MBh	71.4	74.0	81.0	-	69.7	72.2	79.1	-	68.0	70.5	77.3	-	66.4	68.8	75.4	-	63.1	65.4	71.6	-	58.4	60.5	66.3	-
		kW Capacity	20.9	21.7	23.7	-	20.4	21.2	23.2	-	19.9	20.7	22.6	-	19.5	20.2	22.1	-	18.5	19.2	21.0	-	17.1	17.7	19.4	-
		S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-
		kW Input	6.26	6.40	6.62	-	6.78	6.94	7.17	-	7.24	7.41	7.66	-	7.64	7.82	8.09	-	7.98	8.17	8.46	-	8.28	8.48	8.78	-
	3740	MBh	67.8	70.3	77.0	-	66.2	68.6	75.2	-	64.6	67.0	73.4	-	63.1	65.4	71.6	-	59.9	62.1	68.0	-	55.5	57.5	63.0	-
		kW Capacity	19.9	20.6	22.6	-	19.4	20.1	22.0	-	18.9	19.6	21.5	-	18.5	19.2	21.0	-	17.6	18.2	19.9	-	16.3	16.9	18.5	-
		S/T	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.45	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-
		kW Input	6.15	6.29	6.51	-	6.66	6.82	7.05	-	7.11	7.28	7.53	-	7.51	7.68	7.95	-	7.84	8.03	8.31	-	8.13	8.33	8.62	-
23.9	4760	MBh	74.7	77.0	83.3	89.4	73.0	75.2	81.4	87.3	71.3	73.4	79.4	85.2	69.5	71.6	77.5	83.2	66.0	68.0	73.6	79.0	61.2	63.0	68.2	73.2
		kW Capacity	21.9	22.6	24.4	26.2	21.4	22.0	23.8	-	20.9	21.5	23.3	-	20.4	21.0	22.7	-	19.4	19.9	21.6	-	17.9	18.5	20.0	-
		S/T	0.89	0.80	0.60	0.39	0.92	0.83	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.87	0.66	0.43	1.00	0.91	0.69	0.44	1.00	0.91	0.69	0.45
		kW Input	6.37	6.52	6.74	6.97	6.90	7.06	7.30	7.56	7.37	7.54	7.80	8.08	7.78	7.96	8.24	8.53	8.13	8.32	8.61	8.92	8.43	8.63	8.94	9.26
	4250	MBh	72.6	74.7	80.9	86.8	70.9	73.0	79.0	84.8	69.2	71.2	77.1	82.8	67.5	69.5	75.2	80.7	64.1	66.0	71.5	76.7	59.4	61.2	66.2	71.0
		kW Capacity	21.3	21.9	23.7	25.4	20.8	21.4	23.2	24.8	20.3	20.9	22.6	24.3	19.8	20.4	22.0	23.7	18.8	19.4	20.9	22.5	17.4	17.9	19.4	20.8
		S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.98	0.87	0.66	0.42
		kW Input	6.32	6.46	6.68	6.91	6.84	7.00	7.24	7.49	7.30	7.47	7.73	8.00	7.71	7.89	8.17	8.46	8.06	8.25	8.54	8.84	8.36	8.55	8.86	9.17
	3740	MBh	68.9	71.0	76.8	82.5	67.3	69.3	75.0	80.5	65.7	67.7	73.3	78.6	64.1	66.0	71.5	76.7	60.9	62.7	67.9	72.9	56.4	58.1	62.9	67.5
		kW Capacity	20.2	20.8	22.5	24.2	19.7	20.3	22.0	23.6	19.3	19.8	21.5	23.0	18.8	19.4	20.9	22.5	17.9	18.4	19.9	21.4	16.5	17.0	18.4	19.8
		S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.59	0.38	0.89	0.80	0.60	0.39	0.93	0.83	0.63	0.40	0.93	0.84	0.63	0.41
		kW Input	6.21	6.35	6.56	6.79	6.72	6.88	7.11	7.36	7.17	7.34	7.60	7.86	7.57	7.75	8.02	8.31	7.91	8.10	8.38	8.68	8.21	8.40	8.70	9.01
26.7	4760	MBh	76.1	77.7	83.0	88.8	74.3	75.9	81.1	86.7	72.5	74.1	79.2	84.6	70.8	72.3	77.3	82.6	67.2	68.7	73.4	78.5	62.3	63.6	68.0	72.7
		kW Capacity	22.3	22.8	24.3	26.0	21.8	22.3	23.8	25.4	21.3	21.7	23.2	24.8	20.7	21.2	22.6	24.2	19.7	20.1	21.5	23.0	18.3	18.6	19.9	21.3
		S/T	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.63	1.00	1.00	0.86	0.64
		kW Input	6.43	6.57	6.80	7.03	6.96	7.12	7.37	7.62	7.43	7.60	7.87	8.15	7.85	8.03	8.31	8.61	8.20	8.40	8.69	9.00	8.51	8.71	9.02	9.34
	4250	MBh	73.9	75.5	80.6	86.2	72.1	73.7	78.8	84.2	70.4	72.0	76.9	82.2	68.7	70.2	75.0	80.2	65.3	66.7	71.3	76.2	60.5	61.8	66.0	70.6
		kW Capacity	21.6	22.1	23.6	25.3	21.1	21.6	23.1	24.7	20.6	21.1	22.5	24.1	20.1	20.6	22.0	23.5	19.1	19.5	20.9	22.3	17.7	18.1	19.3	20.7
		S/T	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.61	1.00	1.00	0.82	0.61
		kW Input	6.37	6.52	6.74	6.97	6.90	7.06	7.30	7.56	7.37	7.54	7.80	8.08	7.78	7.96	8.24	8.53	8.13	8.32	8.61	8.92	8.43	8.63	8.94	9.26
	3740	MBh	70.2	71.7	76.6	81.9	68.5	70.0	74.8	80.0	66.9	68.4	73.0	78.1	65.3	66.7	71.3	76.2	62.0	63.4	67.7	72.4	57.4	58.7	62.7	67.0
		kW Capacity	20.6	21.0	22.4	24.0	20.1	20.5	21.9	23.4	19.6	20.0	21.4	22.9	19.1	19.5	20.9	22.3	18.2	18.6	19.8	21.2	16.8	17.2	18.4	19.6
		S/T	0.89	0.84	0.68	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.02	0.95	0.78	0.58	1.02	0.96	0.78	0.58
		kW Input	6.26	6.40	6.62	6.85	6.78	6.94	7.17	7.42	7.24	7.41	7.66	7.93	7.64	7.82	8.09	8.38	7.98	8.17	8.46	8.76	8.28	8.48	8.78	9.09
29.4	4760	MBh	77.4	78.9	82.6	88.2	75.6	77.1	80.7	86.1	73.8	75.2	78.8	84.1	72.0	73.4	76.9	82.0	68.4	69.7	73.0	77.9	63.4	64.6	67.6	72.2
		kW Capacity	22.7	23.1	24.2	25.8	22.2	22.6	23.7	25.2	21.6	22.0	23.1	24.6	21.1	21.5	22.5	24.0	20.0	20.4	21.4	22.8	18.6	18.9	19.8	21.2
		S/T	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.79	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.83
		kW Input	6.48	6.63	6.85	7.09	7.02	7.18	7.43	7.69	7.50	7.67	7.94	8.22	7.92	8.10	8.39	8.69	8.27	8.47	8.77	9.08	8.58	8.79	9.10	9.42
	4250	MBh	75.1	76.6	80.2	85.6	73.4	74.8	78.4	83.6	71.6	73.0	76.5	81.6	69.9	71.3	74.6	79.6	66.4	67.7	70.9	75.6	61.5	62.7	65.7	70.1
		kW Capacity	22.0	22.5	23.5	25.1	21.5	21.9	23.0	24.5	21.0	21.4	22.4	23.9	20.5	20.9	21.9	23.3	19.5	19.8	20.8	22.2	18.0	18.4	19.2	20.5
		S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79
		kW Input	6.43	6.57	6.80	7.03	6.96	7.12	7.37	7.62	7.43	7.60	7.87	8.15	7.85	8.03	8.31	8.61	8.20	8.40	8.69	9.00	8.51	8.71	9.02	9.34
	3740	MBh	71.4	72.8	76.2	81.3	69.7	71.1	74.4	79.4	68.1	69.4	72.7	77.5	66.4	67.7	70.9	75.6	63.1	64.3	67.3	71.9	58.4	59.6	62.4	66.6
		kW Capacity	20.9	21.3	22.3	23.8	20.4	20.8	21.8	23.3	19.9	20.3	21.3	22.7	19.5	19.8	20.8	22.2	18.5	18.8	19.7	21.1	17.1	17.5	18.3	19.5
		S/T	0.94	0.90	0.81	0.66	0.97	0.94	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.94	0.76
		kW Input	6.32	6.46	6.68	6.91	6.84	7.00	7.24	7.49	7.30	7.47	7.73	8.00	7.71	7.89	8.17	8.46	8.05	8.25	8.54	8.84	8.35	8.55	8.85	9.17

CAC090LA

FTA075

380/420V-3-50

Expanded Performance Data - COOLING CAPACITY

IDB*	CMH		Ambient Air Temperature Deg C Dry Bulb																								
			18				24				29				35				41				46				
			Entering Indoor Air Temperature WB Deg C																								
		15	17	19	22	15	17	19	22	15	17	19	22	15	17	19	22	15	17	19	22	15	17	19	22		
21.1	5712	MBh	78.4	81.3	89.0	-	76.6	79.4	87.0	-	74.7	77.5	84.9	-	72.9	75.6	82.8	-	69.3	71.8	78.7	-	64.2	66.5	72.9	-	
		kW Capacity	23.0	23.8	26.1	-	22.4	23.3	25.5	-	21.9	22.7	24.9	-	21.4	22.2	24.3	-	20.3	21.0	23.1	-	18.8	19.5	21.4	-	
		S/T	0.80	0.67	0.46	-	0.83	0.70	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.91	0.76	0.53	-	0.92	0.77	0.53	-	
		kW Input	6.50	6.64	6.86	-	7.02	7.18	7.42	-	7.48	7.65	7.91	-	7.89	8.07	8.35	-	8.23	8.43	8.72	-	8.53	8.73	9.03	-	
	5100	MBh	76.1	78.9	86.4	-	74.3	77.1	84.4	-	72.6	75.2	82.4	-	70.8	73.4	80.4	-	67.3	69.7	76.4	-	62.3	64.6	70.8	-	
		kW Capacity	22.3	23.1	25.3	-	21.8	22.6	24.7	-	21.3	22.0	24.2	-	20.8	21.5	23.6	-	19.7	20.4	22.4	-	18.3	18.9	20.7	-	
		S/T	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	
		kW Input	6.44	6.59	6.80	-	6.96	7.12	7.35	-	7.42	7.59	7.84	-	7.82	8.00	8.27	-	8.16	8.35	8.64	-	8.46	8.66	8.96	-	
	4488	MBh	72.3	74.9	82.1	-	70.6	73.2	80.2	-	68.9	71.5	78.3	-	67.3	69.7	76.4	-	63.9	66.2	72.6	-	59.2	61.3	67.2	-	
		kW Capacity	21.2	22.0	24.1	-	20.7	21.5	23.5	-	20.2	20.9	22.9	-	19.7	20.4	22.4	-	18.7	19.4	21.3	-	17.3	18.0	19.7	-	
		S/T	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	
		kW Input	6.34	6.48	6.69	-	6.84	7.00	7.23	-	7.29	7.46	7.71	-	7.69	7.86	8.13	-	8.02	8.21	8.49	-	8.31	8.51	8.80	-	
	23.9	5712	MBh	79.7	82.1	88.8	95.4	77.9	80.2	86.8	93.1	76.0	78.3	84.7	90.9	74.2	76.4	82.6	88.7	70.5	72.5	78.5	84.3	65.3	67.2	72.7	78.1
			kW Capacity	23.4	24.1	26.0	27.9	22.8	23.5	25.4	-	22.3	22.9	24.8	-	21.7	22.4	24.2	-	20.6	21.3	23.0	-	19.1	19.7	21.3	-
			S/T	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.97	0.87	0.66	0.42	1.00	0.90	0.68	0.44	1.00	0.93	0.70	0.45	1.00	0.94	0.71	0.46
			kW Input	6.55	6.70	6.92	7.15	7.08	7.24	7.48	7.74	7.55	7.72	7.98	8.26	7.96	8.14	8.42	8.71	8.31	8.50	8.79	9.10	8.61	8.81	9.12	9.44
5100		MBh	77.4	79.7	86.3	92.6	75.6	77.8	84.3	90.4	73.8	76.0	82.2	88.3	72.0	74.1	80.2	86.1	68.4	70.4	76.2	81.8	63.4	65.2	70.6	75.8	
		kW Capacity	22.7	23.4	25.3	27.1	22.2	22.8	24.7	26.5	21.6	22.3	24.1	25.9	21.1	21.7	23.5	25.2	20.0	20.6	22.3	24.0	18.6	19.1	20.7	22.2	
		S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.85	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.89	0.68	0.44	
		kW Input	6.50	6.64	6.86	7.09	7.02	7.18	7.42	7.67	7.48	7.65	7.91	8.18	7.89	8.07	8.35	8.64	8.24	8.43	8.72	9.02	8.54	8.73	9.04	9.35	
4488		MBh	73.5	75.7	81.9	87.9	71.8	73.9	80.0	85.9	70.1	72.2	78.1	83.9	68.4	70.4	76.2	81.8	65.0	66.9	72.4	77.7	60.2	62.0	67.1	72.0	
		kW Capacity	21.6	22.2	24.0	25.8	21.1	21.7	23.5	25.2	20.5	21.2	22.9	24.6	20.0	20.6	22.3	24.0	19.0	19.6	21.2	22.8	17.6	18.2	19.7	21.1	
		S/T	0.83	0.75	0.56	0.36	0.86	0.77	0.59	0.38	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42	
		kW Input	6.39	6.53	6.74	6.97	6.90	7.06	7.29	7.54	7.35	7.52	7.78	8.04	7.75	7.93	8.20	8.49	8.09	8.28	8.56	8.86	8.39	8.58	8.88	9.19	
26.7		5712	MBh	81.1	82.9	88.6	94.7	79.3	81.0	86.5	92.5	77.4	79.1	84.5	90.3	75.5	77.1	82.4	88.1	71.7	73.3	78.3	83.7	66.4	67.9	72.5	77.5
			kW Capacity	23.8	24.3	26.0	27.8	23.2	23.7	25.4	27.1	22.7	23.2	24.8	26.5	22.1	22.6	24.2	25.8	21.0	21.5	22.9	24.5	19.5	19.9	21.3	22.7
			S/T	1.00	0.94	0.76	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.84	0.63	1.00	1.00	0.87	0.65	1.00	1.00	0.88	0.66
			kW Input	6.61	6.75	6.98	7.21	7.14	7.30	7.55	7.80	7.61	7.79	8.05	8.33	8.03	8.21	8.49	8.79	8.38	8.58	8.87	9.18	8.69	8.89	9.20	9.52
	5100	MBh	78.8	80.5	86.0	91.9	76.9	78.6	84.0	89.8	75.1	76.8	82.0	87.7	73.3	74.9	80.0	85.5	69.6	71.1	76.0	81.2	64.5	65.9	70.4	75.3	
		kW Capacity	23.1	23.6	25.2	26.9	22.6	23.0	24.6	26.3	22.0	22.5	24.0	25.7	21.5	21.9	23.4	25.1	20.4	20.8	22.3	23.8	18.9	19.3	20.6	22.1	
		S/T	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.56	1.00	0.95	0.78	0.58	1.00	0.98	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.84	0.63	
		kW Input	6.55	6.70	6.92	7.15	7.08	7.24	7.48	7.74	7.55	7.72	7.98	8.26	7.96	8.14	8.42	8.71	8.31	8.50	8.79	9.10	8.61	8.81	9.12	9.44	
	4488	MBh	74.8	76.5	81.7	87.3	73.1	74.7	79.8	85.3	71.4	72.9	77.9	83.3	69.6	71.1	76.0	81.2	66.1	67.6	72.2	77.2	61.3	62.6	66.9	71.5	
		kW Capacity	21.9	22.4	23.9	25.6	21.4	21.9	23.4	25.0	20.9	21.4	22.8	24.4	20.4	20.8	22.3	23.8	19.4	19.8	21.2	22.6	18.0	18.3	19.6	21.0	
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.04	0.98	0.80	0.59	1.05	0.99	0.80	0.60	
		kW Input	6.44	6.59	6.80	7.03	6.96	7.12	7.35	7.61	7.42	7.59	7.84	8.11	7.82	8.00	8.27	8.56	8.16	8.35	8.64	8.94	8.46	8.66	8.96	9.27	
	29.4	5712	MBh	82.6	84.2	88.1	94.0	80.6	82.2	86.1	91.8	78.7	80.2	84.0	89.7	76.8	78.3	82.0	87.5	73.0	74.4	77.9	83.1	67.6	68.9	72.1	77.0
			kW Capacity	24.2	24.7	25.8	27.6	23.6	24.1	25.2	26.9	23.1	23.5	24.6	26.3	22.5	22.9	24.0	25.6	21.4	21.8	22.8	24.4	19.8	20.2	21.1	22.6
			S/T	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.97	0.79	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.84	1.00	1.00	1.00	0.85
			kW Input	6.66	6.81	7.04	7.27	7.20	7.36	7.61	7.87	7.68	7.85	8.12	8.40	8.10	8.28	8.57	8.87	8.45	8.65	8.95	9.26	8.76	8.97	9.28	9.60
5100		MBh	80.2	81.7	85.6	91.3	78.3	79.8	83.6	89.2	76.4	77.9	81.6	87.0	74.6	76.0	79.6	84.9	70.8	72.2	75.6	80.7	65.6	66.9	70.0	74.7	
		kW Capacity	23.5	23.9	25.1	26.8	22.9	23.4	24.5	26.1	22.4	22.8	23.9	25.5	21.9	22.3	23.3	24.9	20.8	21.2	22.2	23.6	19.2	19.6	20.5	21.9	
		S/T	1.00	0.97	0.87	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	0.99	0.81	1.00	1.00	1.00	0.81	
		kW Input	6.61	6.75	6.98	7.21	7.14	7.30	7.55	7.80	7.61	7.79	8.05	8.33	8.03	8.21	8.49	8.79	8.38	8.58	8.87	9.18	8.69	8.89	9.20	9.52	
4488		MBh	76.1	77.6	81.3	86.7	74.4	75.8	79.4	84.7	72.6	74.0	77.5	82.7	70.8	72.2	75.6	80.7	67.3	68.6	71.8	76.6	62.3	63.5	66.5	71.0	
		kW Capacity	22.3	22.7	23.8	25.4	21.8	22.2	23.3	24.8	21.3	21.7	22.7	24.2	20.8	21.2	22.2	23.6	19.7	20.1	21.1	22.5	18.3	18.6	19.5	20.8	
		S/T	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78	
		kW Input	6.50	6.64	6.86	7.09	7.02	7.18	7.42	7.67	7.48	7.65	7.91	8.18	7.89	8.07	8.35	8.64	8.23	8.43	8.72	9.02	8.53	8.73	9.03	9.35	

CAC120LA

BMB120N

380/420V-3-50

Expanded Performance Data - COOLING CAPACITY

IDB*	CMH		Ambient Air Temperature Deg C Dry Bulb																								
			18				24				29				35				41				46				
			Entering Indoor Air Temperature WB Deg C																								
			15	17	19	22	15	17	19	22	15	17	19	22	15	17	19	22	15	17	19	22					
21.1	6346	MBh	98.0	101.6	111.3	-	95.7	99.2	108.7	-	93.4	96.8	106.1	-	91.2	94.5	103.5	-	86.6	89.8	98.3	-	80.2	83.1	91.1	-	
		kW Capacity	28.7	29.8	32.6	-	28.1	29.1	31.9	-	27.4	28.4	31.1	-	26.7	27.7	30.3	-	25.4	26.3	28.8	-	23.5	24.4	26.7	-	
		S/T	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.89	0.74	0.52	-	0.90	0.75	0.52	-	
		kW Input	8.36	8.55	8.84	-	9.05	9.26	9.57	-	9.66	9.88	10.23	-	10.20	10.44	10.80	-	10.66	10.91	11.29	-	11.05	11.31	11.71	-	
	5666	MBh	95.1	98.6	108.0	-	92.9	96.3	105.5	-	90.7	94.0	103.0	-	88.5	91.7	100.5	-	84.1	87.1	95.5	-	77.9	80.7	88.4	-	
		kW Capacity	27.9	28.9	31.7	-	27.2	28.2	30.9	-	26.6	27.6	30.2	-	25.9	26.9	29.5	-	24.6	25.5	28.0	-	22.8	23.7	25.9	-	
		S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	
		kW Input	8.29	8.47	8.76	-	8.97	9.18	9.49	-	9.57	9.80	10.14	-	10.11	10.35	10.71	-	10.56	10.81	11.19	-	10.95	11.21	11.61	-	
	4986	MBh	90.4	93.7	102.6	-	88.3	91.5	100.2	-	86.2	89.3	97.9	-	84.1	87.1	95.5	-	79.9	82.8	90.7	-	74.0	76.7	84.0	-	
		kW Capacity	26.5	27.5	30.1	-	25.9	26.8	29.4	-	25.3	26.2	28.7	-	24.6	25.5	28.0	-	23.4	24.3	26.6	-	21.7	22.5	24.6	-	
		S/T	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.45	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	
		kW Input	8.14	8.33	8.61	-	8.82	9.02	9.33	-	9.41	9.63	9.96	-	9.93	10.16	10.52	-	10.38	10.62	10.99	-	10.76	11.01	11.40	-	
	23.9	6346	MBh	99.7	102.6	111.1	119.2	97.3	100.2	108.5	116.4	95.0	97.8	105.9	113.6	92.7	95.4	103.3	110.9	88.1	90.7	98.1	105.3	81.6	84.0	90.9	97.6
			kW Capacity	29.2	30.1	32.6	34.9	28.5	29.4	31.8	-	27.8	28.7	31.0	-	27.2	28.0	30.3	-	25.8	26.6	28.8	-	23.9	24.6	26.6	-
			S/T	0.89	0.80	0.60	0.39	0.92	0.83	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.87	0.66	0.43	1.00	0.91	0.69	0.44	1.00	0.91	0.69	0.45
			kW Input	8.43	8.62	8.91	9.22	9.13	9.34	9.66	10.00	9.74	9.97	10.32	10.68	10.29	10.53	10.90	11.29	10.75	11.01	11.39	11.80	11.15	11.42	11.82	12.24
5666		MBh	96.8	99.6	107.8	115.7	94.5	97.3	105.3	113.0	92.3	95.0	102.8	110.3	90.0	92.7	100.3	107.6	85.5	88.0	95.3	102.3	79.2	81.5	88.3	94.7	
		kW Capacity	28.4	29.2	31.6	33.9	27.7	28.5	30.9	33.1	27.0	27.8	30.1	32.3	26.4	27.2	29.4	31.6	25.1	25.8	27.9	30.0	23.2	23.9	25.9	27.8	
		S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.98	0.87	0.66	0.42	
		kW Input	8.36	8.55	8.84	9.14	9.05	9.26	9.58	9.91	9.66	9.89	10.23	10.59	10.20	10.44	10.80	11.19	10.66	10.91	11.29	11.70	11.05	11.31	11.71	12.13	
4986		MBh	91.9	94.6	102.4	109.9	89.8	92.4	100.0	107.4	87.6	90.2	97.7	104.8	85.5	88.0	95.3	102.3	81.2	83.6	90.5	97.2	75.2	77.5	83.9	90.0	
		kW Capacity	26.9	27.7	30.0	32.2	26.3	27.1	29.3	31.5	25.7	26.4	28.6	30.7	25.1	25.8	27.9	30.0	23.8	24.5	26.5	28.5	22.1	22.7	24.6	26.4	
		S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.59	0.38	0.89	0.80	0.60	0.39	0.93	0.83	0.63	0.40	0.93	0.84	0.63	0.41	
		kW Input	8.21	8.40	8.69	8.98	8.89	9.10	9.41	9.74	9.49	9.71	10.05	10.40	10.02	10.25	10.61	10.99	10.47	10.72	11.09	11.49	10.86	11.11	11.50	11.92	
26.7		6346	MBh	101.4	103.6	110.7	118.4	99.1	101.2	108.2	115.6	96.7	98.8	105.6	112.9	94.3	96.4	103.0	110.1	89.6	91.6	97.9	104.6	83.0	84.8	90.6	96.9
			kW Capacity	29.7	30.4	32.5	34.7	29.0	29.7	31.7	33.9	28.3	29.0	30.9	33.1	27.7	28.3	30.2	32.3	26.3	26.8	28.7	30.7	24.3	24.9	26.6	28.4
			S/T	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.63	1.00	1.00	0.86	0.64
			kW Input	8.50	8.70	8.99	9.30	9.21	9.42	9.74	10.09	9.83	10.06	10.41	10.78	10.38	10.63	11.00	11.39	10.85	11.11	11.50	11.91	11.25	11.52	11.93	12.35
	5666	MBh	98.5	100.6	107.5	114.9	96.2	98.3	105.0	112.2	93.9	95.9	102.5	109.6	91.6	93.6	100.0	106.9	87.0	88.9	95.0	101.6	80.6	82.4	88.0	94.1	
		kW Capacity	28.9	29.5	31.5	33.7	28.2	28.8	30.8	32.9	27.5	28.1	30.0	32.1	26.8	27.4	29.3	31.3	25.5	26.1	27.8	29.8	23.6	24.1	25.8	27.6	
		S/T	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.61	1.00	1.00	0.82	0.61	
		kW Input	8.43	8.62	8.91	9.22	9.13	9.34	9.66	10.00	9.75	9.97	10.32	10.68	10.29	10.53	10.90	11.29	10.75	11.01	11.39	11.80	11.15	11.42	11.82	12.24	
	4986	MBh	93.5	95.6	102.1	109.2	91.4	93.4	99.8	106.6	89.2	91.1	97.4	104.1	87.0	88.9	95.0	101.6	82.7	84.5	90.3	96.5	76.6	78.2	83.6	89.4	
		kW Capacity	27.4	28.0	29.9	32.0	26.8	27.4	29.2	31.3	26.1	26.7	28.5	30.5	25.5	26.1	27.8	29.8	24.2	24.8	26.5	28.3	22.4	22.9	24.5	26.2	
		S/T	0.89	0.84	0.68	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.02	0.95	0.78	0.58	1.02	0.96	0.78	0.58	
		kW Input	8.29	8.47	8.76	9.06	8.97	9.18	9.49	9.82	9.57	9.80	10.14	10.49	10.11	10.35	10.71	11.09	10.56	10.81	11.19	11.59	10.95	11.21	11.61	12.02	
	29.4	6346	MBh	103.2	105.2	110.2	117.5	100.8	102.7	107.6	114.8	98.4	100.3	105.0	112.1	96.0	97.9	102.5	109.3	91.2	93.0	97.4	103.9	84.5	86.1	90.2	96.2
			kW Capacity	30.2	30.8	32.3	34.4	29.5	30.1	31.5	33.6	28.8	29.4	30.8	32.8	28.1	28.7	30.0	32.0	26.7	27.2	28.5	30.4	24.8	25.2	26.4	28.2
			S/T	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.79	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.83
			kW Input	8.57	8.77	9.07	9.38	9.29	9.50	9.83	10.17	9.92	10.15	10.50	10.87	10.47	10.72	11.09	11.49	10.94	11.20	11.60	12.01	11.35	11.62	12.03	12.47
5666		MBh	100.2	102.1	107.0	114.1	97.9	99.8	104.5	111.5	95.5	97.4	102.0	108.8	93.2	95.0	99.5	106.2	88.5	90.3	94.5	100.8	82.0	83.6	87.6	93.4	
		kW Capacity	29.4	29.9	31.4	33.4	28.7	29.2	30.6	32.7	28.0	28.5	29.9	31.9	27.3	27.8	29.2	31.1	26.0	26.5	27.7	29.6	24.0	24.5	25.7	27.4	
		S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79	
		kW Input	8.50	8.70	8.99	9.30	9.21	9.42	9.74	10.09	9.83	10.06	10.41	10.78	10.38	10.63	11.00	11.39	10.85	11.11	11.50	11.91	11.25	11.52	11.93	12.35	
4986		MBh	95.2	97.0	101.6	108.4	93.0	94.8	99.3	105.9	90.8	92.5	96.9	103.4	88.5	90.3	94.5	100.8	84.1	85.7	89.8	95.8	77.9	79.4	83.2	88.7	
		kW Capacity	27.9	28.4	29.8	31.8	27.2	27.8	29.1	31.0	26.6	27.1	28.4	30.3	26.0	26.5	27.7	29.6	24.7	25.1	26.3	28.1	22.8	23.3	24.4	26.0	
		S/T	0.94	0.90	0.81	0.66	0.97	0.94	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.94	0.76	
		kW Input	8.36	8.55	8.84	9.14	9																				

CAC120LA

FTA100

380/420V-3-50

Expanded Performance Data - COOLING CAPACITY

IDB*	CMH		Ambient Air Temperature Deg C Dry Bulb																							
			18				24				29				35				41				46			
			Entering Indoor Air Temperature WB Deg C																							
			15	17	19	22	15	17	19	22	15	17	19	22	15	17	19	22	15	17	19	22	15	17	19	22
21.1	7616	MBh	103.9	107.7	118.0	-	101.5	105.2	115.2	-	99.0	102.7	112.5	-	96.6	100.1	109.7	-	91.8	95.1	104.2	-	85.0	88.1	96.6	-
		kW Capacity	30.4	31.6	34.6	-	29.7	30.8	33.8	-	29.0	30.1	33.0	-	28.3	29.4	32.2	-	26.9	27.9	30.6	-	24.9	25.8	28.3	-
		S/T	0.80	0.67	0.46	-	0.83	0.70	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.91	0.76	0.53	-	0.92	0.77	0.53	-
		kW Input	8.57	8.76	9.05	-	9.26	9.46	9.78	-	9.86	10.09	10.43	-	10.40	10.64	11.00	-	10.86	11.11	11.49	-	11.25	11.51	11.91	-
	6800	MBh	100.8	104.5	114.5	-	98.5	102.1	111.9	-	96.2	99.7	109.2	-	93.8	97.2	106.5	-	89.1	92.4	101.2	-	82.6	85.6	93.7	-
		kW Capacity	29.6	30.6	33.6	-	28.9	29.9	32.8	-	28.2	29.2	32.0	-	27.5	28.5	31.2	-	26.1	27.1	29.7	-	24.2	25.1	27.5	-
		S/T	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-
		kW Input	8.50	8.69	8.97	-	9.18	9.38	9.70	-	9.78	10.00	10.34	-	10.31	10.55	10.91	-	10.76	11.01	11.39	-	11.15	11.41	11.80	-
	5984	MBh	95.8	99.3	108.8	-	93.6	97.0	106.3	-	91.3	94.7	103.7	-	89.1	92.4	101.2	-	84.7	87.8	96.1	-	78.4	81.3	89.1	-
		kW Capacity	28.1	29.1	31.9	-	27.4	28.4	31.1	-	26.8	27.8	30.4	-	26.1	27.1	29.7	-	24.8	25.7	28.2	-	23.0	23.8	26.1	-
		S/T	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-
		kW Input	8.36	8.54	8.82	-	9.02	9.23	9.53	-	9.61	9.83	10.16	-	10.13	10.37	10.72	-	10.58	10.82	11.19	-	10.96	11.21	11.60	-
23.9	7616	MBh	105.6	108.8	117.7	126.3	103.2	106.2	115.0	123.4	100.7	103.7	112.2	120.5	98.3	101.2	109.5	117.5	93.3	96.1	104.0	111.7	86.5	89.0	96.4	103.4
		kW Capacity	31.0	31.9	34.5	37.0	30.2	31.1	33.7	-	29.5	30.4	32.9	-	28.8	29.7	32.1	-	27.4	28.2	30.5	-	25.3	26.1	28.2	-
		S/T	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.97	0.87	0.66	0.42	1.00	0.90	0.68	0.44	1.00	0.93	0.70	0.45	1.00	0.94	0.71	0.46
		kW Input	8.64	8.83	9.12	9.43	9.34	9.55	9.87	10.20	9.95	10.18	10.52	10.88	10.49	10.73	11.10	11.48	10.95	11.21	11.59	12.00	11.35	11.61	12.01	12.44
	6800	MBh	102.6	105.6	114.3	122.7	100.2	103.1	111.6	119.8	97.8	100.7	109.0	117.0	95.4	98.2	106.3	114.1	90.6	93.3	101.0	108.4	84.0	86.4	93.6	100.4
		kW Capacity	30.1	30.9	33.5	36.0	29.4	30.2	32.7	35.1	28.7	29.5	31.9	34.3	28.0	28.8	31.2	33.4	26.6	27.3	29.6	31.8	24.6	25.3	27.4	29.4
		S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.85	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.89	0.68	0.44
		kW Input	8.57	8.76	9.05	9.35	9.26	9.47	9.78	10.11	9.87	10.09	10.43	10.79	10.40	10.64	11.00	11.39	10.86	11.11	11.49	11.89	11.25	11.51	11.91	12.33
	5984	MBh	97.4	100.3	108.6	116.5	95.2	98.0	106.1	113.8	92.9	95.6	103.5	111.1	90.6	93.3	101.0	108.4	86.1	88.6	96.0	103.0	79.8	82.1	88.9	95.4
		kW Capacity	28.6	29.4	31.8	34.2	27.9	28.7	31.1	33.4	27.2	28.0	30.3	32.6	26.6	27.3	29.6	31.8	25.2	26.0	28.1	30.2	23.4	24.1	26.1	28.0
		S/T	0.83	0.75	0.56	0.36	0.86	0.77	0.59	0.38	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
		kW Input	8.43	8.61	8.90	9.19	9.10	9.31	9.62	9.94	9.70	9.92	10.25	10.60	10.22	10.46	10.81	11.19	10.67	10.92	11.29	11.68	11.06	11.31	11.70	12.11
26.7	7616	MBh	107.5	109.9	117.4	125.5	105.0	107.3	114.6	122.5	102.5	104.7	111.9	119.6	100.0	102.2	109.2	116.7	95.0	97.1	103.7	110.9	88.0	89.9	96.1	102.7
		kW Capacity	31.5	32.2	34.4	36.8	30.8	31.5	33.6	35.9	30.0	30.7	32.8	35.1	29.3	30.0	32.0	34.2	27.8	28.5	30.4	32.5	25.8	26.4	28.2	30.1
		S/T	1.00	0.94	0.76	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.84	0.63	1.00	1.00	0.87	0.65	1.00	1.00	0.88	0.66
		kW Input	8.71	8.91	9.20	9.51	9.42	9.63	9.95	10.29	10.04	10.26	10.61	10.98	10.58	10.83	11.20	11.59	11.05	11.30	11.69	12.10	11.45	11.72	12.12	12.55
	6800	MBh	104.4	106.7	114.0	121.8	102.0	104.2	111.3	119.0	99.5	101.7	108.7	116.1	97.1	99.2	106.0	113.3	92.2	94.3	100.7	107.6	85.4	87.3	93.3	99.7
		kW Capacity	30.6	31.3	33.4	35.7	29.9	30.5	32.6	34.9	29.2	29.8	31.8	34.0	28.5	29.1	31.1	33.2	27.0	27.6	29.5	31.6	25.0	25.6	27.3	29.2
		S/T	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.56	1.00	0.95	0.78	0.58	1.00	0.98	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.84	0.63
		kW Input	8.64	8.83	9.12	9.43	9.34	9.55	9.87	10.20	9.95	10.18	10.52	10.88	10.49	10.73	11.10	11.49	10.95	11.21	11.59	12.00	11.35	11.61	12.02	12.44
	5984	MBh	99.2	101.3	108.3	115.7	96.9	99.0	105.7	113.0	94.5	96.6	103.2	110.3	92.2	94.3	100.7	107.6	87.6	89.5	95.7	102.3	81.2	82.9	88.6	94.7
		kW Capacity	29.1	29.7	31.7	33.9	28.4	29.0	31.0	33.1	27.7	28.3	30.3	32.3	27.0	27.6	29.5	31.6	25.7	26.2	28.0	30.0	23.8	24.3	26.0	27.8
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.04	0.98	0.80	0.59	1.05	0.99	0.80	0.60
		kW Input	8.50	8.69	8.97	9.27	9.18	9.38	9.70	10.03	9.78	10.00	10.34	10.70	10.31	10.55	10.91	11.29	10.76	11.01	11.39	11.79	11.15	11.41	11.80	12.22
29.4	7616	MBh	109.4	111.5	116.8	124.6	106.8	108.9	114.1	121.7	104.3	106.3	111.3	118.8	101.8	103.7	108.6	115.9	96.7	98.5	103.2	110.1	89.5	91.3	95.6	102.0
		kW Capacity	32.1	32.7	34.2	36.5	31.3	31.9	33.4	35.7	30.6	31.2	32.6	34.8	29.8	30.4	31.8	34.0	28.3	28.9	30.2	32.3	26.2	26.8	28.0	29.9
		S/T	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.97	0.79	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.84	1.00	1.00	1.00	0.85
		kW Input	8.79	8.98	9.28	9.59	9.49	9.71	10.04	10.38	10.12	10.35	10.70	11.07	10.67	10.92	11.29	11.69	11.14	11.40	11.80	12.21	11.55	11.82	12.23	12.66
	6800	MBh	106.2	108.3	113.4	121.0	103.7	105.7	110.7	118.1	101.3	103.2	108.1	115.3	98.8	100.7	105.5	112.5	93.9	95.7	100.2	106.9	86.9	88.6	92.8	99.0
		kW Capacity	31.1	31.7	33.2	35.5	30.4	31.0	32.5	34.6	29.7	30.3	31.7	33.8	29.0	29.5	30.9	33.0	27.5	28.0	29.4	31.3	25.5	26.0	27.2	29.0
		S/T	1.00	0.97	0.87	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	0.99	0.81	1.00	1.00	1.00	0.81
		kW Input	8.71	8.91	9.20	9.51	9.42	9.63	9.95	10.29	10.04	10.26	10.61	10.98	10.58	10.83	11.20	11.59	11.05	11.30	11.69	12.10	11.45	11.72	12.12	12.55
	5984	MBh	100.9	102.8	107.7	114.9	98.5	100.5	105.2	112.2	96.2	98.1	102.7	109.6	93.9	95.7	100.2	106.9	89.2	90.9	95.2	101.6	82.6	84.2	88.2	94.1
		kW Capacity	29.6	30.1	31.6	33.7	28.9	29.4	30.8	32.9	28.2	28.7	30.1	32.1	27.5	28.0	29.4	31.3	26.1	26.6	27.9	29.8	24.2	24.7	25.8	27.6
		S/T	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77				