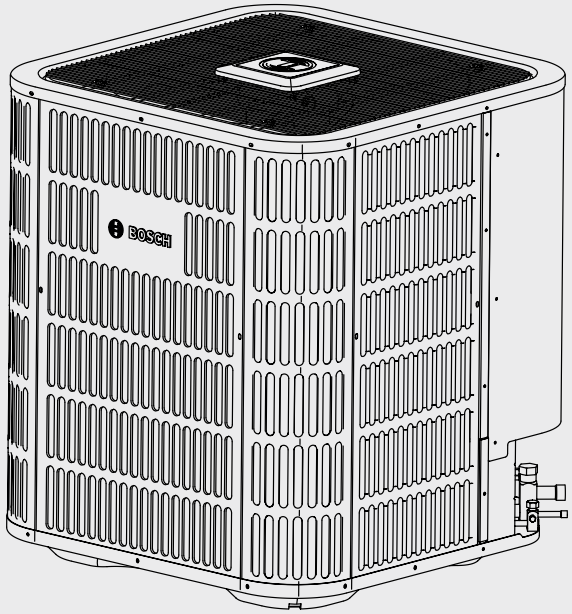

Bosch BOVB18 Split System Heat Pump

Condensing Units Up to 18.5 SEER
2-3-4-5 Ton Capacity
R410A

BOSCH

Product Specifications

AHRI CERTIFIED®
www.ahridirectory.org
Unitary Small HP
AHRI Standard 210/240
Certification applies only when the complete system is listed with AHRI.

C ETL LISTED US
Intertek

Table of Contents

1 Product Features

1.1 Standard Features

- R-410A Chlorine-Free Refrigerant
- Inverter Compressor (26%-110% Speed), Modulation in 1% Increments
- Intelligent Oil Return Technology
- Inverter Driven Rotary Compressor
- Crankcase Heater Standard
- Compressor Sound Blanket
- Multiple System Protection:
  - High pressure switch and low pressure transducer
  - Compressor liquid return protection
  - Compressor high or low compression ratio protection
  - Compressor high temperature protection
  - High / low voltage protection and over current protection
  - IPM and electronic control board high temperature protection
- Outdoor coil is capable of withstanding 1000 hour salt spray test according to ASTM B117 standard
- AHRI certified; ETL listed

1.2 Cabinet Features

- Unique fan-blade design
- Baked-on powder paint finish
- Wire fan discharge grille
- Steel louver coil guard

2 Nomenclature

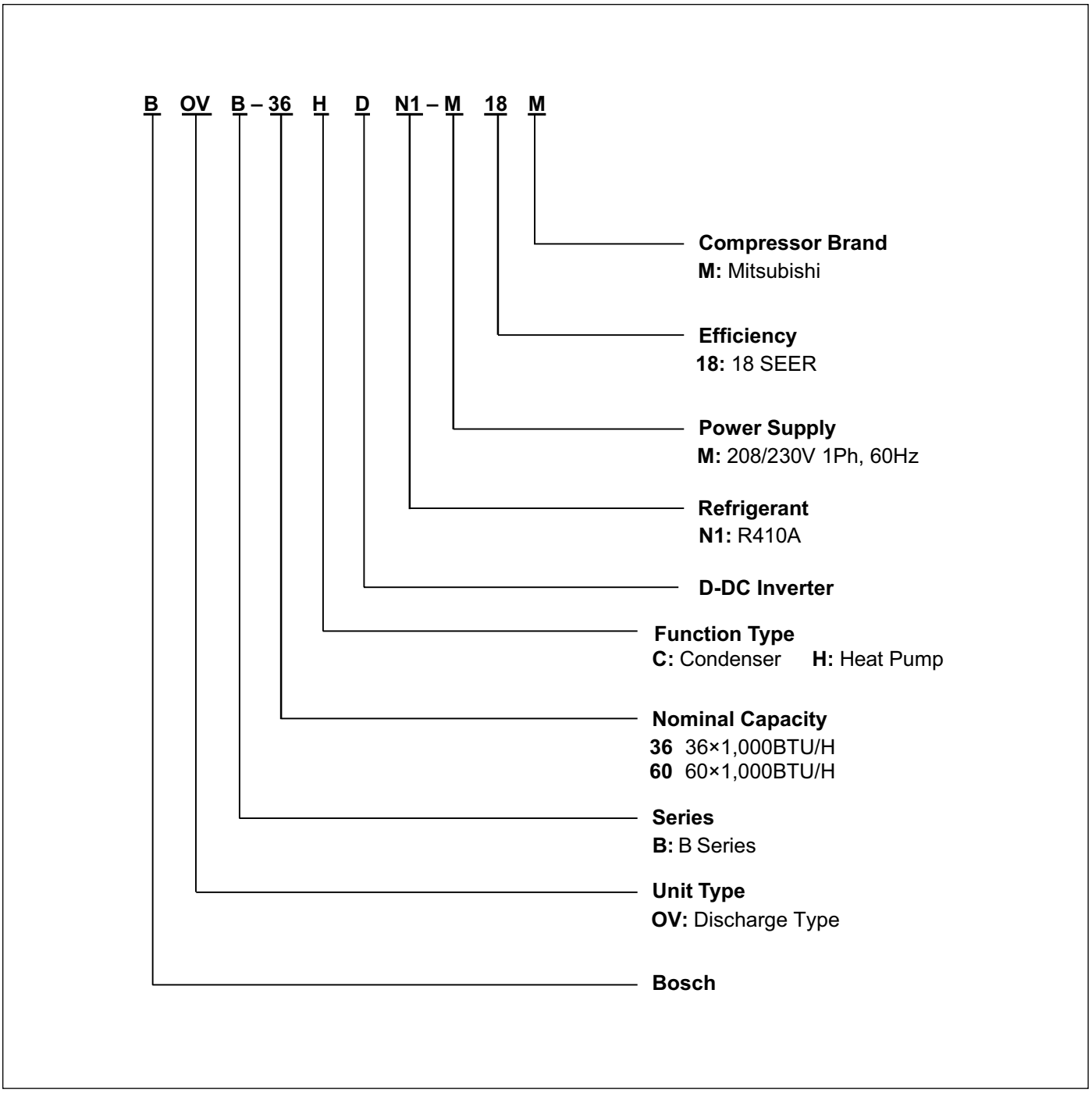

Figure 1

3 Product Specifications

	BOVB18-36	BOVB18-60
Decibels([dB(A)]		
Max @ 100% load	77	79
Min @ min load	56	60
Compressor		
RLA	19	29
Condenser Fan Motor		
Horsepower (HP)	1/6	1/3
FLA	1.0	2.5
Refrigeration System		
Refrigerant Line Size[1]		
Liquid Line Size (OD)	3/8"	3/8"
Suction Line Size (OD)	3/4"	7/8"
Refrigerant Connection Size		
Liquid Valve Size (OD)	3/8"	3/8"
Suction Valve Size (OD)	3/4"	7/8"
Refrigerant Charge (R410-A, oz)	121	170
Expansion Device	EEV	EEV
Maximum Line Length	100 FT	100 FT
Maximum Elevation Difference	50 FT	50 FT
Operating Range		
Cooling	40°F - 125°F	
Heating	5°F - 86°F	
Electrical Data		
Voltage-Phase-Hz	208/230-1-60	208/230-1-60
Minimum Circuit Ampacity[2]	24.8	38.8
Max. Overcurrent Protection[3]	40	60
Min/Max Volts	172V/270V	
Weight		
Net Weight (without packaging)	159	197
Gross Weight (including packaging)[4]	187	227
Dimensions		
Unit L x W x H (in.)	29-1/8 x 29-1/8 x 24-15/16	29-1/8 x 29-1/8 x 33-3/16
Outdoor Coil		
Net face area - sq.ft. Outer Coil	13.6	18.4
Tube diameter-in.	9/32" (7mm)	9/32" (7mm)
No.of rows	2	2
Fins per inch	17	19

Table 1

[1] Tested and rated in accordance with AHRI Standard 210/240.

[2] Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes.

[3] Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

[4] Weight values are estimated.

- Always check the rating plate for electrical data on the unit being installed.
- Unit is factory charged with refrigerant for 15' of ⅜" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- TXV is required at indoor unit to match our outdoor unit.

4 Extended Performance Data

4.1 BOVB18 + BVA15

BOVB18-36 +BVA15-24 For Cooling																		
Indoor Airflow (CFM)	Outdoor DB (°F)	IWB (°F)	59				63				67				71			
		IDB (°F)	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
680	65	TC	21.3	21.6	21.9	22.2	23.1	23.4	23.7	24.0	24.4	24.6	24.8	25.1	/	28.1	28.3	28.5
		S/T	0.88	0.93	0.96	0.97	0.58	0.82	0.93	0.97	0.37	0.56	0.72	0.90	/	0.36	0.52	0.67
		kW	1.30	1.32	1.35	1.38	1.53	1.56	1.58	1.61	1.62	1.63	1.65	1.66	/	2.10	2.11	2.13
	75	TC	21.1	21.4	21.7	22.0	22.9	23.2	23.5	23.8	24.2	24.4	24.6	24.9	/	27.9	28.1	28.3
		S/T	0.88	0.93	0.96	0.97	0.58	0.82	0.93	0.97	0.37	0.56	0.72	0.90	/	0.36	0.52	0.67
		kW	1.48	1.50	1.53	1.56	1.71	1.74	1.76	1.79	1.80	1.82	1.83	1.84	/	2.28	2.30	2.31
	85	TC	20.5	20.8	21.1	21.4	22.3	22.6	22.9	23.2	23.6	23.8	24.0	24.3	/	27.3	27.5	27.7
		S/T	0.88	0.93	0.96	0.97	0.58	0.82	0.93	0.97	0.37	0.56	0.72	0.90	/	0.36	0.52	0.67
		kW	1.66	1.69	1.71	1.74	1.89	1.92	1.95	1.97	1.98	2.00	2.01	2.02	/	2.46	2.48	2.49
	95	TC	20.1	20.4	20.7	21.0	21.9	22.2	22.5	22.8	23.2	23.4	23.6	23.9	/	26.9	27.1	27.3
		S/T	0.88	0.93	0.96	0.97	0.58	0.82	0.93	0.97	0.37	0.56	0.72	0.90	/	0.36	0.52	0.67
		kW	1.97	2.00	2.02	2.05	2.21	2.23	2.26	2.28	2.30	2.31	2.32	2.34	/	2.78	2.79	2.80
	105	TC	19.4	19.6	19.9	20.2	21.1	21.4	21.7	22.0	22.4	22.6	22.8	23.1	/	26.1	26.3	26.5
		S/T	0.88	0.93	0.96	0.97	0.58	0.82	0.93	0.97	0.37	0.56	0.72	0.90	/	0.36	0.52	0.67
		kW	2.42	2.45	2.48	2.50	2.66	2.69	2.71	2.74	2.75	2.76	2.78	2.79	/	3.24	3.25	3.26
	115	TC	19.1	19.4	19.6	19.9	20.8	21.1	21.4	21.7	22.1	22.3	22.5	22.8	/	25.8	26.0	26.2
		S/T	0.90	0.94	0.96	0.97	0.60	0.84	0.94	0.97	0.39	0.57	0.74	0.92	/	0.38	0.54	0.69
		kW	2.90	2.92	2.95	2.97	3.13	3.16	3.18	3.21	3.22	3.24	3.25	3.26	/	3.71	3.72	3.73
780	65	TC	21.7	22.0	22.3	22.6	23.5	23.8	24.1	24.4	24.8	25.0	25.2	25.5	/	28.5	28.7	28.9
		S/T	0.90	0.94	0.97	0.97	0.60	0.84	0.93	0.97	0.39	0.57	0.74	0.92	/	0.38	0.54	0.69
		kW	1.38	1.40	1.43	1.45	1.61	1.63	1.66	1.69	1.70	1.71	1.73	1.74	/	2.18	2.19	2.21
	75	TC	21.5	21.8	22.1	22.4	23.3	23.6	23.9	24.2	24.6	24.8	25.0	25.3	/	28.3	28.5	28.7
		S/T	0.90	0.94	0.97	0.97	0.60	0.84	0.93	0.97	0.39	0.57	0.74	0.92	/	0.38	0.54	0.69
		kW	1.56	1.58	1.61	1.63	1.79	1.82	1.84	1.87	1.88	1.89	1.91	1.92	/	2.36	2.37	2.39
	85	TC	20.9	21.2	21.5	21.8	22.7	23.0	23.3	23.6	24.0	24.2	24.4	24.7	/	27.7	27.9	28.1
		S/T	0.90	0.94	0.97	0.97	0.60	0.84	0.93	0.97	0.39	0.57	0.74	0.92	/	0.38	0.54	0.69
		kW	1.74	1.76	1.79	1.82	1.97	2.00	2.02	2.05	2.06	2.08	2.09	2.10	/	2.54	2.56	2.57
	95	TC	20.5	20.8	21.1	21.4	22.3	22.6	22.9	23.2	23.6	23.8	24.0	24.3	/	27.4	27.6	27.7
		S/T	0.90	0.94	0.97	0.97	0.60	0.84	0.93	0.97	0.39	0.57	0.74	0.92	/	0.38	0.54	0.69
		kW	2.05	2.08	2.10	2.13	2.28	2.31	2.34	2.36	2.37	2.39	2.40	2.41	/	2.85	2.87	2.88
	105	TC	19.8	20.1	20.4	20.7	21.6	21.9	22.1	22.4	22.8	23.0	23.2	23.5	/	26.5	26.7	26.9
		S/T	0.90	0.94	0.97	0.97	0.60	0.84	0.93	0.97	0.39	0.57	0.74	0.92	/	0.38	0.54	0.69
		kW	2.50	2.53	2.56	2.58	2.74	2.76	2.79	2.82	2.83	2.84	2.86	2.87	/	3.31	3.33	3.34
	115	TC	19.5	19.8	20.1	20.4	21.3	21.6	21.9	22.1	22.5	22.7	22.9	23.2	/	26.2	26.4	26.6
		S/T	0.92	0.96	0.97	0.97	0.62	0.86	0.95	0.97	0.41	0.59	0.76	0.93	/	0.40	0.56	0.71
		kW	2.97	3.00	3.03	3.05	3.21	3.24	3.26	3.29	3.30	3.31	3.33	3.34	/	3.79	3.80	3.81
900	65	TC	22.2	22.8	23.1	23.4	24.3	24.6	24.9	25.2	25.6	25.8	26.0	26.3	/	29.3	29.5	29.7
		S/T	0.92	0.95	0.97	0.97	0.62	0.86	0.95	0.97	0.41	0.59	0.76	0.93	/	0.40	0.56	0.71
		kW	1.56	1.58	1.61	1.63	1.79	1.82	1.84	1.87	1.88	1.89	1.91	1.92	/	2.36	2.37	2.39
	75	TC	22.0	22.6	22.9	23.2	24.1	24.4	24.7	25.0	25.4	25.6	25.8	26.1	/	29.1	29.3	29.5
		S/T	0.92	0.95	0.97	0.97	0.62	0.86	0.95	0.97	0.41	0.59	0.76	0.93	/	0.40	0.56	0.71
		kW	1.74	1.76	1.79	1.82	1.97	2.00	2.02	2.05	2.06	2.08	2.09	2.10	/	2.54	2.56	2.57
	85	TC	21.4	22.0	22.3	22.6	23.5	23.8	24.1	24.4	24.8	25.0	25.2	25.5	/	28.5	28.7	28.9
		S/T	0.92	0.95	0.97	0.97	0.62	0.86	0.95	0.97	0.41	0.59	0.76	0.93	/	0.40	0.56	0.71
		kW	1.92	1.95	1.97	2.00	2.15	2.18	2.21	2.23	2.24	2.26	2.27	2.28	/	2.72	2.74	2.75
	95	TC	21.0	21.6	21.9	22.2	23.1	23.4	23.7	24.0	24.4	24.6	24.8	25.1	/	28.1	28.3	28.5
		S/T	0.92	0.95	0.97	0.97	0.62	0.86	0.95	0.97	0.41	0.59	0.76	0.93	/	0.40	0.56	0.71
		kW	2.23	2.26	2.28	2.31	2.46	2.49	2.52	2.54	2.56	2.57	2.58	2.59	/	3.04	3.05	3.06
	105	TC	20.3	20.9	21.2	21.5	22.3	22.6	22.9	23.2	23.6	23.8	24.0	24.3	/	27.3	27.5	27.7
		S/T	0.92	0.95	0.97	0.97	0.62	0.86	0.95	0.97	0.41	0.59	0.76	0.93	/	0.40	0.56	0.71
		kW	2.69	2.71	2.74	2.76	2.92	2.95	2.97	3.00	3.01	3.03	3.04	3.05	/	3.50	3.51	3.52
	115	TC	20.0	20.6	20.9	21.2	22.1	22.3	22.6	22.9	23.3	23.5	23.7	24.0	/	27.0	27.2	27.4
		S/T	0.93	0.97	0.97	0.97	0.64	0.88	0.97	0.97	0.43	0.61	0.78	0.95	/	0.42	0.57	0.73
		kW	3.16	3.18	3.21	3.24	3.39	3.42	3.45	3.47	3.49	3.50	3.51	3.52	/	3.97	3.98	4.00

Table 2

TC refers to total capacity in kBTU/hr S/T: refer to the ratio of sensible heat and total capacity kW: refer to total input power

BOVB18-36 +BVA15-36 For Cooling																		
Indoor Airflow (CFM)	Outdoor DB (°F)	IWB (°F)	59				63				67				71			
		IDB (°F)	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
950	65	TC	29.5	29.9	30.3	30.6	32.1	32.5	32.8	33.0	33.7	34.1	34.3	34.6	/	37.4	37.7	38.0
		S/T	0.87	0.93	0.95	0.97	0.60	0.83	0.93	0.97	0.36	0.55	0.72	0.93	/	0.36	0.52	0.67
		kW	1.81	1.83	1.85	1.87	2.04	2.06	2.08	2.10	2.28	2.31	2.32	2.33	/	2.75	2.77	2.79
	75	TC	29.3	29.7	30.1	30.4	31.9	32.3	32.6	32.8	33.6	33.9	34.1	34.4	/	37.2	37.5	37.8
		S/T	0.87	0.93	0.95	0.97	0.60	0.83	0.93	0.97	0.36	0.55	0.72	0.93	/	0.36	0.52	0.67
		kW	2.28	2.31	2.33	2.35	2.52	2.53	2.56	2.58	2.76	2.78	2.79	2.81	/	3.23	3.25	3.27
	85	TC	28.7	29.1	29.5	29.8	31.3	31.7	32.0	32.2	33.0	33.4	33.6	33.8	/	36.6	36.9	37.2
		S/T	0.87	0.93	0.95	0.97	0.60	0.83	0.93	0.97	0.36	0.55	0.72	0.93	/	0.36	0.52	0.67
		kW	2.58	2.60	2.62	2.64	2.82	2.83	2.85	2.87	3.06	3.08	3.09	3.10	/	3.52	3.54	3.57
	95	TC	28.3	28.7	29.1	29.4	30.9	31.3	31.6	31.8	32.6	33.0	33.2	33.5	/	36.3	36.5	36.8
		S/T	0.87	0.93	0.95	0.97	0.60	0.83	0.93	0.97	0.36	0.55	0.72	0.93	/	0.36	0.52	0.67
		kW	2.78	2.81	2.83	2.85	3.02	3.03	3.06	3.08	3.26	3.28	3.29	3.31	/	3.73	3.75	3.77
	105	TC	27.4	27.8	28.2	28.5	29.9	30.3	30.6	30.8	31.5	31.9	32.1	32.4	/	36.6	36.9	37.2
		S/T	0.87	0.93	0.95	0.97	0.60	0.83	0.93	0.97	0.36	0.55	0.73	0.93	/	0.36	0.52	0.67
		kW	3.28	3.31	3.33	3.35	3.53	3.54	3.56	3.58	3.77	3.79	3.80	3.81	/	4.24	4.26	4.28
	115	TC	21.6	22.0	22.4	22.7	24.1	24.5	24.8	25.0	25.8	26.1	26.3	26.6	/	27.7	28.0	28.3
		S/T	0.89	0.94	0.96	0.97	0.62	0.85	0.94	0.97	0.38	0.59	0.83	0.95	/	0.40	0.59	0.78
		kW	2.91	2.93	2.95	2.98	3.15	3.16	3.18	3.21	3.39	3.42	3.43	3.44	/	3.55	3.57	3.59
1040	65	TC	29.8	30.4	30.8	31.0	32.5	32.9	33.2	33.4	34.2	34.6	34.8	35.1	/	37.8	38.1	38.4
		S/T	0.89	0.94	0.96	0.97	0.62	0.85	0.93	0.97	0.38	0.56	0.74	0.95	/	0.38	0.54	0.69
		kW	1.87	1.89	1.91	1.94	2.11	2.12	2.14	2.16	2.35	2.37	2.38	2.39	/	2.82	2.84	2.86
	75	TC	29.6	30.0	30.4	30.7	32.1	32.5	32.8	33.0	33.8	34.2	34.4	34.7	/	37.4	37.7	38.0
		S/T	0.89	0.94	0.96	0.97	0.62	0.85	0.93	0.97	0.38	0.56	0.74	0.95	/	0.38	0.54	0.69
		kW	2.35	2.37	2.39	2.41	2.59	2.60	2.62	2.64	2.83	2.85	2.86	2.87	/	3.29	3.32	3.34
	85	TC	29.2	29.6	30.0	30.3	31.7	32.1	32.4	32.6	33.4	33.8	34.0	34.3	/	37.1	37.3	37.6
		S/T	0.89	0.94	0.96	0.97	0.62	0.85	0.93	0.97	0.38	0.56	0.74	0.95	/	0.38	0.54	0.69
		kW	2.64	2.66	2.69	2.71	2.88	2.89	2.91	2.94	3.12	3.14	3.15	3.16	/	3.59	3.61	3.63
	95	TC	28.8	29.2	29.6	29.9	31.3	31.7	32.0	32.2	33.0	33.4	33.6	33.9	/	36.7	37.0	37.3
		S/T	0.89	0.94	0.96	0.97	0.62	0.85	0.93	0.97	0.38	0.56	0.74	0.95	/	0.38	0.54	0.69
		kW	2.85	2.87	2.89	2.91	3.09	3.10	3.12	3.14	3.33	3.35	3.36	3.37	/	3.79	3.82	3.84
	105	TC	27.8	28.2	28.6	28.9	30.3	30.7	31.0	31.2	32.0	32.4	32.5	32.8	/	37.1	37.4	37.6
		S/T	0.89	0.94	0.96	0.97	0.62	0.85	0.93	0.97	0.38	0.56	0.75	0.95	/	0.38	0.54	0.69
		kW	3.35	3.37	3.39	3.42	3.59	3.60	3.62	3.65	3.83	3.85	3.87	3.88	/	4.31	4.33	4.35
	115	TC	22.0	22.4	22.8	23.1	24.6	24.9	25.2	25.4	26.2	26.6	26.8	27.1	/	28.1	28.4	28.7
		S/T	0.91	0.96	0.97	0.97	0.64	0.87	0.95	0.97	0.40	0.61	0.85	0.97	/	0.42	0.61	0.80
		kW	2.98	3.00	3.02	3.04	3.22	3.23	3.25	3.27	3.46	3.48	3.49	3.50	/	3.61	3.64	3.66
1270	65	TC	30.5	31.1	31.5	31.8	33.3	33.7	34.0	34.2	35.0	35.4	35.6	35.9	/	38.6	38.9	39.1
		S/T	0.91	0.95	0.97	0.97	0.64	0.87	0.95	0.97	0.40	0.58	0.76	0.97	/	0.40	0.56	0.71
		kW	2.02	2.04	2.07	2.09	2.26	2.27	2.29	2.32	2.50	2.52	2.53	2.54	/	2.97	2.99	3.01
	75	TC	30.3	30.9	31.3	31.6	33.1	33.5	33.8	34.0	34.8	35.2	35.4	35.7	/	38.4	38.7	39.0
		S/T	0.91	0.95	0.97	0.97	0.64	0.87	0.95	0.97	0.40	0.58	0.76	0.97	/	0.40	0.56	0.71
		kW	2.50	2.52	2.54	2.57	2.74	2.75	2.77	2.79	2.98	3.00	3.01	3.02	/	3.45	3.47	3.49
	85	TC	29.7	30.4	30.8	31.0	32.5	32.9	33.2	33.4	34.2	34.6	34.8	35.1	/	37.8	38.1	38.4
		S/T	0.91	0.95	0.97	0.97	0.64	0.87	0.95	0.97	0.40	0.58	0.76	0.97	/	0.40	0.56	0.71
		kW	2.79	2.82	2.84	2.86	3.03	3.04	3.07	3.09	3.27	3.29	3.31	3.32	/	3.74	3.76	3.78
	95	TC	29.3	30.0	30.4	30.7	32.1	32.5	32.8	33.0	33.8	34.2	34.4	34.7	/	37.4	37.7	38.0
		S/T	0.91	0.95	0.97	0.97	0.64	0.87	0.95	0.97	0.40	0.58	0.76	0.97	/	0.40	0.56	0.71
		kW	3.00	3.02	3.04	3.07	3.24	3.25	3.27	3.29	3.48	3.50	3.51	3.52	/	3.95	3.97	3.99
	105	TC	28.3	29.0	29.4	29.7	31.1	31.5	31.8	32.0	32.7	33.1	33.3	33.6	/	37.8	38.1	38.4
		S/T	0.91	0.95	0.97	0.97	0.64	0.87	0.95	0.97	0.40	0.58	0.77	0.97	/	0.40	0.56	0.71
		kW	3.50	3.53	3.55	3.57	3.75	3.76	3.78	3.80	3.99	4.01	4.02	4.03	/	4.46	4.48	4.50
	115	TC	22.5	23.2	23.6	23.9	25.3	25.7	26.0	26.2	27.0	27.3	27.5	27.8	/	28.9	29.2	29.5
		S/T	0.93	0.97	0.97	0.97	0.66	0.89	0.97	0.97	0.42	0.63	0.87	0.97	/	0.44	0.63	0.82
		kW	3.13	3.15	3.17	3.20	3.37	3.38	3.40	3.43	3.61	3.64	3.65	3.66	/	3.77	3.79	3.81

Table 3

TC refers to total capacity in kBTU/hr S/T: refer to the ratio of sensible heat and total capacity kW: refer to total input power

BOVB18-60 + BVA15-48 For Cooling																		
Indoor Airflow (CFM)	Outdoor DB (°F)	IWB (°F)	59				63				67				71			
		IDB (°F)	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
1360	65	TC	41.0	41.5	42.1	42.6	43.4	43.9	44.5	45.2	45.4	45.9	46.3	46.8	/	49.9	50.3	51.7
		S/T	0.82	0.94	0.95	0.96	0.60	0.78	0.93	0.95	0.40	0.57	0.73	0.90	/	0.39	0.55	0.67
		kW	2.63	2.65	2.67	2.71	2.71	2.74	2.77	2.80	2.80	2.82	2.85	2.88	/	3.33	3.34	3.35
	75	TC	40.8	41.3	41.9	42.4	43.2	43.7	44.3	45.0	45.2	45.7	46.1	46.6	/	49.7	50.1	51.5
		S/T	0.82	0.94	0.95	0.96	0.60	0.78	0.93	0.95	0.40	0.57	0.73	0.90	/	0.39	0.55	0.67
		kW	3.10	3.12	3.15	3.18	3.18	3.22	3.24	3.27	3.27	3.30	3.32	3.35	/	3.81	3.82	3.83
	85	TC	40.2	40.7	41.3	41.8	42.6	43.2	43.7	44.4	44.6	45.1	45.5	46.0	/	49.1	49.5	50.9
		S/T	0.82	0.94	0.95	0.96	0.60	0.78	0.93	0.95	0.40	0.57	0.73	0.90	/	0.39	0.55	0.67
		kW	3.57	3.60	3.62	3.65	3.65	3.69	3.71	3.75	3.75	3.77	3.79	3.83	/	4.28	4.29	4.30
	95	TC	39.8	40.3	40.9	41.4	42.2	42.8	43.4	44.0	44.2	44.7	45.1	45.6	/	48.8	49.1	50.5
		S/T	0.82	0.94	0.95	0.96	0.60	0.78	0.93	0.95	0.40	0.57	0.73	0.90	/	0.39	0.55	0.67
		kW	4.02	4.05	4.07	4.10	4.10	4.14	4.16	4.20	4.20	4.22	4.24	4.28	/	4.73	4.74	4.75
	105	TC	36.6	37.1	37.7	38.2	39.9	40.5	41.1	41.7	41.9	42.4	42.8	43.3	/	47.4	47.8	49.2
		S/T	0.82	0.94	0.95	0.96	0.60	0.78	0.93	0.95	0.40	0.57	0.73	0.90	/	0.39	0.55	0.67
		kW	4.56	4.59	4.61	4.64	4.64	4.68	4.70	4.74	4.74	4.76	4.78	4.82	/	5.28	5.29	5.30
	115	TC	33.6	34.0	34.6	35.1	36.2	36.7	37.3	38.0	38.6	39.0	39.4	39.9	/	43.2	43.4	43.5
		S/T	0.86	0.95	0.96	0.96	0.64	0.82	0.94	0.95	0.44	0.61	0.80	0.95	/	0.43	0.59	0.74
		kW	4.88	4.90	4.92	4.96	4.96	4.99	5.02	5.05	5.05	5.08	5.10	5.13	/	5.18	5.19	5.20
1580	65	TC	41.9	42.4	43.0	43.5	44.2	44.8	45.4	46.1	46.3	46.8	47.2	47.7	/	50.7	51.1	52.5
		S/T	0.85	0.97	0.98	0.99	0.63	0.81	0.96	0.98	0.43	0.60	0.76	0.93	/	0.42	0.58	0.70
		kW	2.77	2.79	2.81	2.85	2.85	2.88	2.90	2.94	2.94	2.96	2.99	3.02	/	3.47	3.48	3.49
	75	TC	41.7	42.2	42.8	43.3	44.0	44.6	45.2	45.9	46.1	46.6	47.0	47.5	/	50.5	50.9	52.3
		S/T	0.85	0.97	0.98	0.99	0.63	0.81	0.96	0.98	0.43	0.60	0.76	0.93	/	0.42	0.58	0.70
		kW	3.24	3.26	3.29	3.32	3.32	3.35	3.38	3.41	3.41	3.43	3.46	3.49	/	3.95	3.95	3.97
	85	TC	41.1	41.6	42.2	42.7	43.5	44.0	44.6	45.3	45.5	46.0	46.4	46.9	/	50.0	50.4	51.8
		S/T	0.85	0.97	0.98	0.99	0.63	0.81	0.96	0.98	0.43	0.60	0.76	0.93	/	0.42	0.58	0.70
		kW	3.71	3.73	3.76	3.79	3.79	3.83	3.85	3.88	3.88	3.91	3.93	3.97	/	4.42	4.43	4.44
	95	TC	40.7	41.2	41.8	42.3	43.1	43.7	44.2	44.9	45.1	45.6	46.0	46.5	/	49.6	50.0	51.4
		S/T	0.85	0.97	0.98	0.99	0.63	0.81	0.96	0.98	0.43	0.60	0.76	0.93	/	0.42	0.58	0.70
		kW	4.16	4.18	4.21	4.24	4.24	4.28	4.30	4.33	4.33	4.36	4.38	4.41	/	4.87	4.88	4.89
	105	TC	37.5	38.0	38.6	39.0	40.8	41.3	41.9	42.6	42.8	43.3	43.6	44.1	/	48.2	48.6	50.1
		S/T	0.85	0.97	0.98	0.99	0.63	0.81	0.96	0.98	0.43	0.60	0.76	0.93	/	0.42	0.58	0.70
		kW	4.70	4.73	4.75	4.78	4.78	4.82	4.84	4.88	4.88	4.90	4.92	4.96	/	5.42	5.42	5.44
	115	TC	34.4	34.9	35.5	36.0	37.0	37.6	38.2	38.8	39.4	39.9	40.3	40.8	/	44.0	44.2	44.4
		S/T	0.89	0.98	0.99	0.99	0.67	0.85	0.97	0.98	0.47	0.64	0.83	0.98	/	0.46	0.62	0.77
		kW	5.02	5.04	5.06	5.10	5.10	5.13	5.16	5.19	5.19	5.22	5.24	5.27	/	5.32	5.33	5.34
1760	65	TC	42.7	43.2	43.7	44.2	45.0	45.6	46.2	46.9	47.1	47.6	48.0	48.4	/	51.5	51.9	53.3
		S/T	0.87	0.98	0.99	0.99	0.65	0.83	0.98	0.99	0.45	0.62	0.78	0.95	/	0.44	0.60	0.72
		kW	2.94	2.96	2.99	3.02	3.02	3.05	3.08	3.11	3.11	3.14	3.16	3.19	/	3.65	3.65	3.67
	75	TC	42.5	43.0	43.6	44.0	44.8	45.4	46.0	46.7	46.9	47.4	47.8	48.3	/	51.3	51.7	53.1
		S/T	0.87	0.98	0.99	0.99	0.65	0.83	0.98	0.99	0.45	0.62	0.78	0.95	/	0.44	0.60	0.72
		kW	3.41	3.43	3.46	3.49	3.49	3.53	3.55	3.58	3.58	3.61	3.63	3.67	/	4.12	4.13	4.14
	85	TC	41.9	42.4	43.0	43.5	44.2	44.8	45.4	46.1	46.3	46.8	47.2	47.7	/	50.7	51.1	52.5
		S/T	0.87	0.98	0.99	0.99	0.65	0.83	0.98	0.99	0.45	0.62	0.78	0.95	/	0.44	0.60	0.72
		kW	3.88	3.91	3.93	3.97	3.97	4.00	4.02	4.06	4.06	4.08	4.10	4.14	/	4.59	4.60	4.61
	95	TC	41.5	42.0	42.6	43.1	43.8	44.4	45.0	45.7	45.9	46.4	46.8	47.3	/	50.4	50.7	52.1
		S/T	0.87	0.98	0.99	0.99	0.65	0.83	0.98	0.99	0.45	0.62	0.78	0.95	/	0.44	0.60	0.72
		kW	4.33	4.36	4.38	4.41	4.41	4.45	4.47	4.51	4.51	4.53	4.55	4.59	/	5.04	5.05	5.06
	105	TC	38.3	38.7	39.3	39.8	41.5	42.1	42.7	43.4	43.5	44.0	44.4	44.9	/	49.0	49.4	50.8
		S/T	0.87	0.98	0.99	0.99	0.65	0.83	0.98	0.99	0.45	0.62	0.78	0.95	/	0.44	0.60	0.72
		kW	4.88	4.90	4.92	4.96	4.96	4.99	5.02	5.05	5.05	5.08	5.10	5.13	/	5.59	5.60	5.61
	115	TC	35.2	35.7	36.3	36.7	37.8	38.4	38.9	39.6	40.2	40.7	41.1	41.5	/	44.8	45.0	45.2
		S/T	0.91	0.99	1.00	1.00	0.69	0.87	0.99	0.99	0.49	0.66	0.85	1.00	/	0.48	0.64	0.79
		kW	5.19	5.22	5.24	5.27	5.27	5.31	5.33	5.37	5.37	5.39	5.41	5.45	/	5.50	5.51	5.52

Table 4

TC refers to total capacity in kBTU/hr S/T: refer to the ratio of sensible heat and total capacity kW: refer to total input power

BOVB18-60 + BVA15-60 For Cooling																		
Indoor Airflow (CFM)	Outdoor DB (°F)	IWB (°F)	59				63				67				71			
		IDB (°F)	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
1500	65	TC	44.2	44.7	45.2	45.8	50.5	51.0	51.7	52.3	53.9	54.6	55.3	55.8	/	55.4	55.9	56.4
		S/T	0.77	0.91	0.95	0.96	0.58	0.76	0.91	0.93	0.39	0.56	0.71	0.85	/	0.39	0.54	0.68
		kW	3.40	3.42	3.44	3.46	3.70	3.72	3.75	3.77	3.90	3.93	3.95	3.97	/	3.98	3.99	4.01
	75	TC	44.0	44.5	45.0	45.6	50.3	50.8	51.5	52.1	53.7	54.4	55.1	55.6	/	55.2	55.7	56.2
		S/T	0.77	0.91	0.95	0.96	0.58	0.76	0.91	0.93	0.39	0.56	0.71	0.85	/	0.39	0.54	0.68
		kW	3.83	3.85	3.87	3.89	4.14	4.16	4.18	4.20	4.34	4.36	4.38	4.40	/	4.41	4.42	4.45
	85	TC	43.4	43.9	44.4	45.0	49.7	50.2	50.9	51.5	53.1	53.8	54.5	55.0	/	54.6	55.1	55.6
		S/T	0.77	0.91	0.95	0.96	0.58	0.76	0.91	0.93	0.39	0.56	0.71	0.85	/	0.39	0.54	0.68
		kW	4.27	4.29	4.31	4.33	4.57	4.59	4.62	4.64	4.77	4.80	4.82	4.84	/	4.85	4.86	4.88
	95	TC	43.0	43.5	44.0	44.6	49.3	49.8	50.5	51.1	52.7	53.4	54.1	54.6	/	54.2	54.7	55.2
		S/T	0.77	0.91	0.95	0.96	0.58	0.76	0.91	0.93	0.39	0.56	0.71	0.85	/	0.39	0.54	0.68
		kW	4.68	4.70	4.72	4.74	4.99	5.01	5.03	5.05	5.19	5.21	5.23	5.25	/	5.26	5.27	5.29
	105	TC	39.8	41.1	41.5	42.1	47.8	48.3	49.0	49.6	51.3	52.0	52.6	53.1	/	51.8	52.3	52.7
		S/T	0.77	0.91	0.95	0.96	0.58	0.76	0.91	0.93	0.39	0.56	0.71	0.85	/	0.39	0.54	0.68
		kW	5.19	5.21	5.23	5.25	5.50	5.52	5.54	5.56	5.70	5.72	5.74	5.77	/	5.78	5.79	5.81
	115	TC	36.7	37.9	38.4	39.0	39.2	39.7	40.4	41.0	41.5	42.2	42.9	43.4	/	43.8	44.3	44.8
		S/T	0.81	0.92	0.96	0.97	0.62	0.80	0.92	0.95	0.43	0.60	0.78	0.90	/	0.43	0.57	0.75
		kW	4.94	4.96	4.98	5.00	5.25	5.27	5.29	5.32	5.35	5.37	5.39	5.41	/	5.42	5.43	5.45
1640	65	TC	45.1	45.6	46.1	46.7	51.4	51.9	52.5	53.1	54.8	55.5	56.2	56.7	/	56.3	56.8	57.3
		S/T	0.80	0.93	0.97	0.97	0.61	0.79	0.93	0.96	0.42	0.59	0.74	0.88	/	0.42	0.56	0.71
		kW	3.55	3.58	3.60	3.62	3.86	3.88	3.90	3.93	4.06	4.08	4.11	4.13	/	4.14	4.15	4.17
	75	TC	44.9	45.4	45.9	46.5	51.2	51.7	52.3	52.9	54.6	55.3	56.0	56.5	/	56.1	56.6	57.1
		S/T	0.80	0.93	0.97	0.97	0.61	0.79	0.93	0.96	0.42	0.59	0.74	0.88	/	0.42	0.56	0.71
		kW	3.99	4.01	4.03	4.05	4.30	4.32	4.34	4.36	4.50	4.52	4.54	4.56	/	4.57	4.58	4.60
	85	TC	44.3	44.8	45.3	45.9	50.6	51.1	51.8	52.3	54.0	54.7	55.4	55.9	/	55.5	56.0	56.5
		S/T	0.80	0.93	0.97	0.97	0.61	0.79	0.93	0.96	0.42	0.59	0.74	0.88	/	0.42	0.56	0.71
		kW	4.42	4.45	4.47	4.49	4.73	4.75	4.77	4.80	4.93	4.95	4.98	5.00	/	5.01	5.02	5.04
	95	TC	43.9	44.4	44.9	45.5	50.2	50.7	51.4	52.0	53.6	54.3	55.0	55.5	/	55.1	55.6	56.1
		S/T	0.80	0.93	0.97	0.97	0.61	0.79	0.93	0.96	0.42	0.59	0.74	0.88	/	0.42	0.56	0.71
		kW	4.84	4.86	4.88	4.90	5.15	5.17	5.19	5.21	5.35	5.37	5.39	5.41	/	5.42	5.43	5.45
	105	TC	40.6	41.9	42.4	43.0	48.7	49.2	49.9	50.5	52.2	52.8	53.5	54.0	/	52.6	53.1	53.6
		S/T	0.80	0.93	0.97	0.97	0.61	0.79	0.93	0.96	0.42	0.59	0.74	0.88	/	0.42	0.56	0.71
		kW	5.35	5.37	5.39	5.41	5.66	5.68	5.70	5.72	5.86	5.88	5.90	5.93	/	5.94	5.95	5.97
	115	TC	37.5	38.8	39.3	39.9	40.1	40.6	41.3	41.8	42.4	43.1	43.8	44.3	/	44.7	45.2	45.7
		S/T	0.84	0.94	0.97	0.97	0.65	0.83	0.94	0.96	0.46	0.63	0.81	0.93	/	0.46	0.60	0.78
		kW	5.10	5.12	5.14	5.17	5.41	5.43	5.45	5.48	5.51	5.53	5.55	5.57	/	5.58	5.59	5.62
1900	65	TC	45.9	46.4	46.8	47.4	52.2	52.6	53.3	53.9	55.6	56.3	57.0	57.5	/	57.1	57.6	58.0
		S/T	0.82	0.94	0.97	0.97	0.63	0.81	0.95	0.97	0.44	0.61	0.76	0.90	/	0.44	0.58	0.73
		kW	3.75	3.77	3.79	3.81	4.05	4.07	4.10	4.12	4.25	4.28	4.30	4.32	/	4.33	4.34	4.36
	75	TC	45.7	46.2	46.7	47.2	52.0	52.4	53.1	53.7	55.4	56.1	56.8	57.3	/	56.9	57.4	57.8
		S/T	0.82	0.94	0.97	0.97	0.63	0.81	0.95	0.97	0.44	0.61	0.76	0.90	/	0.44	0.58	0.73
		kW	4.18	4.20	4.22	4.24	4.49	4.51	4.53	4.55	4.69	4.71	4.73	4.75	/	4.76	4.77	4.80
	85	TC	45.1	45.6	46.1	46.7	51.4	51.9	52.5	53.1	54.8	55.5	56.2	56.7	/	56.3	56.8	57.3
		S/T	0.82	0.94	0.97	0.97	0.63	0.81	0.95	0.97	0.44	0.61	0.76	0.90	/	0.44	0.58	0.73
		kW	4.62	4.64	4.66	4.68	4.92	4.94	4.97	4.99	5.12	5.15	5.17	5.19	/	5.20	5.21	5.23
	95	TC	44.7	45.2	45.7	46.3	51.0	51.5	52.2	52.7	54.4	55.1	55.8	56.3	/	55.9	56.4	56.9
		S/T	0.82	0.94	0.97	0.97	0.63	0.81	0.95	0.97	0.44	0.61	0.76	0.90	/	0.44	0.58	0.73
		kW	5.03	5.05	5.07	5.09	5.34	5.36	5.38	5.40	5.54	5.56	5.58	5.60	/	5.61	5.62	5.64
	105	TC	41.4	42.7	43.2	43.8	49.5	50.0	50.7	51.3	52.9	53.6	54.3	54.8	/	53.4	53.9	54.4
		S/T	0.82	0.94	0.97	0.97	0.63	0.81	0.96	0.97	0.44	0.61	0.76	0.90	/	0.44	0.58	0.73
		kW	5.54	5.56	5.58	5.60	5.85	5.87	5.89	5.92	6.05	6.08	6.10	6.12	/	6.13	6.14	6.16
	115	TC	38.3	39.6	40.1	40.7	40.9	41.3	42.0	42.6	43.2	43.9	44.6	45.1	/	45.5	46.0	46.5
		S/T	0.86	0.95	0.97	0.97	0.67	0.85	0.97	0.97	0.48	0.65	0.83	0.94	/	0.48	0.62	0.80
		kW	5.29	5.32	5.34	5.36	5.49	5.51	5.53	5.55	5.69	5.71	5.73	5.75	/	5.77	5.78	5.80

Table 5

TC refers to total capacity in kBTU/hr S/T: refer to the ratio of sensible heat and total capacity kW: refer to total input power

BOVB18-36 + BVA15-24 For Heating																		
Airflow (CFM)	ID (°F)	OD (°F)	86	72	67	62	57	52	47	42	37	32	27	22	17	12	7	5
680	60	TC	29.4	29.1	28.6	28.5	28.3	28.2	24.1	22.9	22.0	20.7	20.1	19.6	18.9	18.0	17.5	20.4
		kW	2.42	2.53	2.64	2.78	2.82	2.91	2.39	2.42	2.44	2.37	2.48	2.44	2.42	2.40	2.39	2.65
	70	TC	23.5	23.4	23.2	23.2	23.2	23.0	19.8	19.6	19.0	18.8	18.6	18.1	17.4	16.6	16.2	16.7
		kW	1.72	1.86	1.93	2.07	2.19	2.18	1.91	2.03	2.15	2.24	2.37	2.49	2.58	2.56	2.54	2.81
	75	TC	20.6	20.5	20.3	20.1	19.8	19.4	16.5	16.1	15.8	15.7	15.4	14.9	14.3	13.5	13.2	15.7
		kW	1.55	1.65	1.78	1.89	2.00	1.99	1.72	1.71	1.76	2.00	2.22	2.30	2.34	2.32	2.31	2.75
	80	TC	16.4	16.3	16.1	16.0	15.9	15.7	13.3	13.2	13.1	12.9	12.7	12.5	12.4	12.1	12.0	12.6
		kW	1.25	1.39	1.46	1.60	1.69	1.86	1.51	1.62	1.74	1.85	1.95	2.12	2.19	2.17	2.15	2.50
780	60	TC	31.9	31.2	30.5	30.4	29.8	29.3	24.8	23.3	22.4	21.3	20.9	20.4	19.9	19.1	18.7	21.2
		kW	2.56	2.65	2.78	2.93	2.91	3.01	2.45	2.41	2.39	2.36	2.49	2.45	2.43	2.42	2.40	2.60
	70	TC	24.4	24.3	24.2	24.2	24.2	24.0	20.6	20.4	19.8	19.6	19.4	18.9	18.2	17.4	17.0	19.6
		kW	1.74	1.86	1.95	2.11	2.21	2.20	1.92	2.05	2.16	2.23	2.36	2.48	2.60	2.56	2.54	2.71
	75	TC	20.9	20.8	20.7	20.7	20.7	20.5	17.5	17.3	16.7	16.6	16.3	15.8	15.1	14.5	14.2	17.4
		kW	1.51	1.62	1.72	1.87	1.98	1.96	1.68	1.67	1.69	1.95	2.18	2.24	2.31	2.36	2.34	2.85
	80	TC	17.2	17.1	16.9	16.9	16.8	16.7	14.2	14.1	14.0	13.8	13.5	13.4	12.9	12.4	12.1	15.6
		kW	1.27	1.39	1.48	1.64	1.72	1.76	1.49	1.61	1.76	1.79	1.94	2.15	2.21	2.19	2.16	2.68
900	60	TC	34.2	33.6	32.6	32.2	31.6	30.5	25.7	25.0	24.0	23.3	22.7	22.0	21.5	20.7	20.3	22.7
		kW	2.55	2.66	2.80	2.93	3.00	2.98	2.41	2.43	2.40	2.38	2.49	2.45	2.42	2.40	2.38	2.83
	70	TC	25.5	25.5	25.3	25.3	25.3	25.1	21.5	21.3	20.7	20.6	20.3	19.8	19.1	18.4	17.9	21.5
		kW	1.81	1.93	2.02	2.18	2.28	2.27	1.98	2.10	2.22	2.29	2.42	2.54	2.65	2.61	2.59	2.78
	75	TC	23.5	23.3	23.0	22.3	22.0	21.7	18.4	18.3	18.2	17.8	17.8	17.3	16.9	16.2	15.9	17.9
		kW	1.64	1.81	1.85	1.94	2.05	2.13	1.74	1.82	1.94	2.09	2.28	2.32	2.36	2.42	2.39	2.87
	80	TC	19.1	19.0	18.6	18.0	18.0	17.8	15.1	15.1	15.0	14.7	14.5	14.3	14.2	13.7	13.4	17.7
		kW	1.40	1.52	1.61	1.71	1.81	1.80	1.54	1.67	1.81	1.85	2.00	2.21	2.36	2.32	2.30	2.86

Table 6

TC refers to total capacity in kBTU/hr kW: refer to total input power

BOVB18-36 + BVA15-36 For Heating																		
Airflow (CFM)	ID (°F)	OD (°F)	86	72	67	62	57	52	47	42	37	32	27	22	17	12	7	5
950	60	TC	40.9	40.6	40.1	40.0	39.5	38.6	34.8	34.0	31.3	30.5	30.3	27.9	26.7	25.1	24.5	21.5
		kW	2.94	3.12	3.29	3.46	3.59	3.63	3.40	3.52	3.45	3.50	3.57	3.52	3.44	3.27	3.24	3.07
	70	TC	33.3	33.2	32.8	32.7	32.3	32.1	29.9	29.4	27.1	27.0	26.9	24.5	23.7	23.0	22.3	22.2
		kW	2.39	2.53	2.73	2.92	3.04	3.16	3.09	3.31	3.21	3.36	3.37	3.20	3.16	3.09	3.05	3.16
	75	TC	27.1	27.0	26.6	26.5	26.2	26.0	24.2	24.1	23.4	23.1	22.9	22.1	21.8	21.2	20.6	20.2
		kW	1.71	1.96	2.16	2.24	2.36	2.48	2.45	2.67	2.85	3.00	3.05	3.01	3.10	3.07	3.02	3.23
	80	TC	22.6	22.3	21.9	21.8	21.3	21.2	19.1	18.9	17.9	17.7	17.9	17.5	16.9	16.5	15.9	19.9
		kW	1.42	1.55	1.69	1.90	1.99	2.14	2.07	2.25	2.43	2.67	2.86	2.89	2.81	2.77	2.69	3.30
1040	60	TC	43.5	43.2	42.8	42.4	42.2	41.4	38.0	36.8	34.4	33.1	31.1	28.6	27.3	26.1	25.3	22.9
		kW	3.14	3.33	3.51	3.64	3.74	3.69	3.55	3.62	3.54	3.51	3.52	3.47	3.39	3.24	3.20	3.08
	70	TC	36.0	35.8	35.6	35.3	35.2	35.0	33.2	32.7	30.4	29.4	27.4	24.9	24.4	23.8	23.1	22.7
		kW	2.64	2.78	2.96	3.11	3.24	3.23	3.28	3.42	3.40	3.37	3.36	3.18	3.14	3.10	3.06	3.17
	75	TC	29.9	29.7	29.5	29.4	29.3	29.1	27.5	27.4	25.8	25.4	24.4	23.0	21.9	21.3	20.6	20.6
		kW	1.96	2.21	2.32	2.43	2.56	2.55	2.64	2.78	2.98	3.01	3.05	3.07	3.03	3.00	2.97	3.18
	80	TC	25.3	25.1	24.8	24.7	24.6	24.4	23.1	23.0	21.7	21.6	21.8	21.6	21.3	20.9	20.4	20.3
		kW	1.67	1.79	1.95	2.07	2.16	2.15	2.24	2.40	2.63	2.80	2.92	3.11	3.12	3.09	3.05	3.29
1270	60	TC	46.6	46.4	46.2	45.9	45.4	45.1	41.4	39.3	37.2	35.3	33.5	32.5	29.7	27.9	27.0	23.3
		kW	3.25	3.34	3.46	3.56	3.66	3.67	3.55	3.59	3.54	3.51	3.45	3.42	3.34	3.22	3.19	3.24
	70	TC	39.7	39.5	39.3	39.0	38.9	38.7	36.1	35.2	32.9	31.4	29.6	27.3	25.9	24.4	23.8	23.0
		kW	2.75	2.89	3.07	3.24	3.40	3.39	3.36	3.48	3.43	3.42	3.39	3.27	3.24	3.20	3.16	3.32
	75	TC	33.6	33.4	33.2	33.1	33.0	32.8	30.4	30.0	28.4	27.4	26.6	25.4	23.4	21.9	21.4	21.1
		kW	2.07	2.32	2.44	2.56	2.72	2.82	2.73	2.85	3.07	3.06	3.06	3.16	3.13	3.10	3.07	3.23
	80	TC	28.7	28.5	28.3	28.0	27.9	27.7	25.8	25.5	24.7	24.6	24.7	24.0	23.4	22.1	21.2	20.8
		kW	1.85	1.98	2.16	2.33	2.44	2.48	2.37	2.46	2.73	2.96	3.11	3.25	3.22	3.19	3.14	3.34

Table 7

TC refers to total capacity in kBTU/hr kW: refer to total input power

BOVB18-60 + BVA15-48 For Heating																		
Airflow (CFM)	ID (°F)	OD (°F)	86	72	67	62	57	52	47	42	37	32	27	22	17	12	7	5
1360	60	TC	59.2	59.1	58.9	58.7	57.9	55.8	52.4	49.5	46.5	44.2	41.6	38.9	37.6	36.0	35.5	34.8
		kW	3.99	4.14	4.18	4.33	4.38	4.37	3.95	4.15	4.34	4.31	4.55	4.49	4.43	4.35	4.33	4.79
	70	TC	47.5	47.4	47.2	47.0	46.2	45.9	46.2	46.2	44.4	43.5	41.3	38.1	37.3	35.7	35.0	33.9
		kW	3.07	3.31	3.58	3.88	3.97	4.15	4.00	4.27	4.54	4.61	4.76	4.84	4.73	4.70	4.68	4.81
	75	TC	40.4	40.3	40.0	39.8	39.7	39.6	39.8	40.1	38.8	38.4	38.6	37.8	36.8	35.1	34.6	31.5
		kW	2.55	2.85	3.05	3.18	3.62	3.69	3.37	3.68	3.84	4.11	4.57	4.82	4.77	4.74	4.72	4.71
	80	TC	34.6	34.4	34.2	33.9	33.2	33.1	33.3	33.2	33.1	32.9	33.3	32.9	32.1	30.5	29.8	26.5
		kW	2.38	2.50	2.71	2.95	3.05	3.23	3.08	3.36	3.62	3.91	4.06	4.24	4.13	4.10	4.08	4.29
1580	60	TC	62.9	62.6	62.3	62.0	60.3	58.0	56.3	54.1	51.0	48.0	45.5	41.8	39.0	36.9	35.9	35.7
		kW	4.07	4.20	4.33	4.32	4.40	4.38	3.96	4.13	4.30	4.26	4.54	4.45	4.43	4.33	4.31	5.06
	70	TC	48.2	48.2	47.9	47.6	46.5	46.0	46.4	46.4	44.9	44.0	41.5	38.3	37.5	36.0	35.2	35.2
		kW	3.03	3.28	3.60	3.91	3.99	4.13	4.01	4.23	4.50	4.57	4.75	4.83	4.75	4.68	4.66	5.13
	75	TC	41.4	41.3	41.0	40.7	40.2	40.1	40.3	40.3	39.1	38.9	38.8	38.0	37.0	35.4	34.8	34.3
		kW	2.57	2.87	3.14	3.33	3.61	3.67	3.38	3.64	3.80	4.07	4.56	4.81	4.79	4.72	4.70	5.17
	80	TC	35.8	35.3	35.0	34.7	33.9	33.7	33.6	33.6	33.5	33.4	33.3	33.1	32.4	30.8	30.0	30.3
		kW	2.34	2.47	2.68	2.93	2.98	3.21	3.10	3.32	3.58	3.87	4.05	4.22	4.18	4.08	4.06	4.98
1760	60	TC	64.4	64.0	63.8	62.9	61.1	59.8	57.8	55.4	53.0	49.9	47.5	43.2	40.0	38.5	37.6	35.8
		kW	4.12	4.28	4.49	4.51	4.50	4.49	3.89	4.06	4.22	4.23	4.47	4.44	4.43	4.35	4.23	4.93
	70	TC	49.0	49.0	48.7	48.5	47.3	46.5	46.9	46.7	45.4	44.8	42.0	38.7	37.8	36.3	35.6	35.5
		kW	2.97	3.21	3.57	3.88	3.92	4.05	3.94	4.16	4.43	4.54	4.68	4.79	4.73	4.65	4.59	5.10
	75	TC	42.2	42.1	41.8	41.6	41.4	40.6	40.7	40.6	39.8	39.7	39.3	38.4	37.3	35.7	35.2	34.7
		kW	2.50	2.80	3.10	3.30	3.58	3.59	3.31	3.56	3.73	4.04	4.49	4.78	4.76	4.69	4.63	5.24
	80	TC	36.3	36.1	35.8	35.3	34.5	34.3	34.5	34.4	34.1	34.0	33.8	33.7	33.0	31.9	31.1	30.9
		kW	2.33	2.46	2.72	2.97	3.00	3.13	3.08	3.25	3.51	3.84	3.98	4.21	4.19	4.05	4.04	5.02

Table 8

TC refers to total capacity in kBTU/hr kW: refer to total input power

BOVB18-60 + BVA15-60 For Heating																		
Airflow (CFM)	ID (°F)	OD (°F)	86	72	67	62	57	52	47	42	37	32	27	22	17	12	7	5
1500	60	TC	67.2	66.8	66.1	65.9	65.5	63.0	56.8	54.4	51.0	46.9	43.6	41.3	39.1	37.7	37.1	38.2
		kW	4.25	4.59	4.80	5.08	5.29	5.25	5.24	5.21	5.07	4.93	5.12	5.22	5.05	4.92	4.88	5.00
	70	TC	56.1	55.9	55.7	55.5	55.4	55.3	51.8	51.2	50.0	46.3	43.3	40.6	38.5	37.0	36.5	38.0
		kW	3.62	3.80	4.10	4.44	4.55	4.76	4.92	5.20	5.33	5.20	5.28	5.38	5.21	5.08	5.04	5.15
	75	TC	47.5	47.3	47.1	47.1	47.2	47.2	44.3	43.9	42.9	41.1	41.9	40.2	37.9	36.1	35.5	36.8
		kW	3.32	3.56	3.87	3.69	3.80	4.01	4.35	4.43	4.60	4.68	5.08	5.41	5.28	5.12	5.08	5.21
	80	TC	40.9	40.8	40.8	40.7	40.6	40.5	37.9	37.6	36.4	36.2	36.2	36.0	34.7	32.8	31.7	34.1
		kW	2.50	2.74	2.99	3.33	3.49	3.64	3.81	4.03	4.17	4.25	4.54	4.80	4.73	4.49	4.44	4.57
1640	60	TC	69.8	69.3	68.9	68.8	68.1	65.6	58.2	56.6	53.2	48.8	45.3	42.9	41.0	38.6	37.8	39.2
		kW	4.16	4.40	4.71	5.07	5.26	5.28	5.25	5.23	5.06	4.91	5.10	5.20	5.02	4.89	4.82	5.21
	70	TC	57.8	57.6	57.3	57.0	56.3	56.0	52.4	51.9	50.6	46.9	43.5	40.8	38.8	37.3	36.6	38.4
		kW	3.52	3.76	4.07	4.43	4.52	4.74	4.89	5.19	5.29	5.15	5.27	5.37	5.19	5.06	5.02	5.24
	75	TC	50.2	50.0	49.5	49.4	48.7	48.4	45.3	44.7	43.9	42.5	42.1	40.6	38.4	36.5	35.8	37.4
		kW	3.01	3.34	3.54	3.68	4.08	4.20	4.32	4.42	4.56	4.63	5.07	5.40	5.26	5.10	5.06	5.24
	80	TC	42.2	42.0	41.7	41.4	41.2	41.0	38.6	38.2	37.3	36.9	36.8	37.5	35.4	33.7	33.0	35.8
		kW	2.57	2.70	2.91	3.27	3.35	3.57	3.72	3.98	4.12	4.21	4.50	4.89	4.74	4.63	4.57	4.79
1900	60	TC	70.5	70.1	69.4	68.6	68.4	66.6	63.9	61.6	58.2	54.3	50.5	47.9	45.6	42.0	41.2	40.2
		kW	3.9	4.1	4.4	4.7	4.9	5.0	4.9	4.9	4.8	4.6	4.8	4.9	4.7	4.6	4.5	5.17
	70	TC	57.9	57.7	57.4	57.1	56.4	56.1	55.9	55.3	54.0	50.1	46.5	43.7	41.6	40.0	39.3	40.0
		kW	3.5	3.7	4.0	4.3	4.3	4.5	4.7	4.9	5.0	4.9	5.0	5.1	4.9	4.8	4.8	5.19
	75	TC	50.4	50.2	49.7	49.6	48.9	48.6	48.4	47.8	46.9	45.5	45.0	43.4	41.1	39.1	38.4	37.9
		kW	3.0	3.3	3.5	3.6	3.9	4.0	4.1	4.2	4.3	4.4	4.8	5.1	5.0	4.9	4.8	5.69
	80	TC	42.5	42.3	42.0	41.7	41.0	40.7	40.5	39.9	39.7	39.1	39.5	40.2	38.0	36.2	35.5	37.0
		kW	2.6	2.7	2.8	3.1	3.1	3.3	3.4	3.7	3.9	4.0	4.3	4.7	4.5	4.4	4.4	5.51

Table 9

TC refers to total capacity in kBTU/hr kW: refer to total input power

4.2 BOVB18 + BVA20

BOVB18-36 + BVA20-24 For Cooling																		
Indoor Airflow (CFM)	Outdoor DB (°F)	IWB (°F)	59				63				67				71			
		IDB (°F)	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
550	65	TC	17.5	17.7	18.3	18.5	18.2	18.4	18.6	18.9	19.3	19.6	19.8	20.0	/	24.3	24.6	24.8
		S/T	0.86	0.91	0.95	0.96	0.62	0.81	0.91	0.92	0.37	0.55	0.71	0.88	/	0.37	0.51	0.66
		kW	0.98	0.99	1.00	1.00	1.00	1.01	1.02	1.03	1.02	1.03	1.04	1.05	/	1.31	1.32	1.34
	75	TC	17.7	17.9	18.4	18.6	18.3	18.5	18.8	19.1	19.6	19.8	20.0	20.2	/	23.9	24.3	24.5
		S/T	0.86	0.91	0.95	0.96	0.62	0.81	0.91	0.92	0.37	0.55	0.71	0.88	/	0.37	0.51	0.66
		kW	1.16	1.17	1.18	1.18	1.18	1.19	1.20	1.21	1.21	1.23	1.24	1.25	/	1.59	1.62	1.63
	85	TC	17.7	17.9	18.4	18.6	18.3	18.5	18.8	19.0	19.5	19.7	20.0	20.1	/	23.9	24.2	24.4
		S/T	0.86	0.91	0.95	0.96	0.62	0.81	0.91	0.92	0.37	0.55	0.71	0.88	/	0.37	0.51	0.66
		kW	1.38	1.39	1.40	1.40	1.40	1.42	1.43	1.44	1.44	1.45	1.46	1.48	/	1.78	1.80	1.81
	95	TC	17.6	17.8	18.4	18.6	18.3	18.5	18.8	19.0	19.5	19.7	20.0	20.1	/	23.8	24.1	24.3
		S/T	0.86	0.91	0.95	0.96	0.62	0.81	0.91	0.92	0.37	0.55	0.71	0.88	/	0.37	0.51	0.66
		kW	1.66	1.67	1.69	1.69	1.69	1.70	1.72	1.74	1.75	1.76	1.77	1.78	/	2.13	2.15	2.17
	105	TC	17.2	17.5	17.9	18.1	17.8	18.1	18.3	18.5	19.0	19.2	19.5	19.6	/	24.0	24.1	24.3
		S/T	0.87	0.92	0.96	0.96	0.62	0.82	0.92	0.92	0.38	0.56	0.72	0.89	/	0.37	0.52	0.67
		kW	1.96	1.98	2.00	2.00	2.00	2.02	2.04	2.06	2.06	2.08	2.09	2.11	/	2.53	2.55	2.57
	115	TC	16.9	17.2	17.6	17.8	17.5	17.8	18.0	18.2	18.7	18.9	19.2	19.4	/	23.8	24.0	24.1
		S/T	0.89	0.94	0.96	0.96	0.64	0.84	0.94	0.93	0.40	0.58	0.74	0.91	/	0.39	0.54	0.69
		kW	2.27	2.29	2.31	2.31	2.31	2.33	2.36	2.38	2.38	2.40	2.42	2.44	/	2.97	2.99	3.01
620	65	TC	17.9	18.1	18.5	18.7	18.4	18.6	18.9	19.1	19.6	19.8	20.0	20.3	/	24.7	24.9	25.3
		S/T	0.87	0.92	0.95	0.96	0.62	0.82	0.92	0.93	0.38	0.56	0.72	0.89	/	0.37	0.52	0.67
		kW	1.00	1.00	1.01	1.01	1.01	1.02	1.03	1.04	1.03	1.04	1.05	1.06	/	1.32	1.33	1.36
	75	TC	18.0	18.2	18.7	18.9	18.6	18.8	19.1	19.3	19.8	20.0	20.2	20.5	/	24.3	24.7	24.9
		S/T	0.87	0.92	0.95	0.96	0.62	0.82	0.92	0.93	0.38	0.56	0.72	0.89	/	0.37	0.52	0.67
		kW	1.17	1.18	1.19	1.19	1.19	1.20	1.21	1.23	1.23	1.24	1.25	1.26	/	1.61	1.63	1.65
	85	TC	18.0	18.2	18.7	18.9	18.6	18.8	19.1	19.3	19.8	20.0	20.2	20.5	/	24.3	24.6	24.9
		S/T	0.87	0.92	0.95	0.96	0.62	0.82	0.92	0.93	0.38	0.56	0.72	0.89	/	0.37	0.52	0.67
		kW	1.39	1.40	1.42	1.42	1.42	1.43	1.44	1.45	1.45	1.46	1.48	1.49	/	1.79	1.80	1.82
	95	TC	17.9	18.1	18.6	18.8	18.5	18.7	19.0	19.2	19.7	20.0	20.1	20.5	/	24.2	24.5	24.7
		S/T	0.87	0.92	0.95	0.96	0.62	0.82	0.92	0.93	0.38	0.56	0.72	0.89	/	0.37	0.52	0.67
		kW	1.66	1.68	1.69	1.69	1.69	1.71	1.72	1.74	1.75	1.76	1.77	1.79	/	2.16	2.17	2.19
	105	TC	17.4	17.7	18.1	18.3	18.0	18.2	18.5	18.7	19.3	19.5	19.7	20.0	/	24.4	24.8	25.0
		S/T	0.88	0.93	0.96	0.96	0.63	0.83	0.93	0.94	0.39	0.57	0.73	0.90	/	0.38	0.53	0.68
		kW	1.98	1.99	2.02	2.02	2.00	2.03	2.05	2.06	2.07	2.08	2.10	2.11	/	2.56	2.59	2.61
	115	TC	17.1	17.4	17.8	18.0	17.7	18.0	18.2	18.4	19.0	19.2	19.4	19.6	/	24.2	24.5	24.9
		S/T	0.90	0.95	0.96	0.96	0.65	0.85	0.95	0.96	0.41	0.59	0.75	0.92	/	0.40	0.55	0.70
		kW	2.28	2.30	2.32	2.32	2.32	2.34	2.37	2.39	2.39	2.41	2.43	2.45	/	3.01	3.03	3.06
680	65	TC	19.7	19.9	20.4	20.6	20.3	20.6	20.8	21.1	21.7	22.0	22.2	22.6	/	27.0	27.3	27.6
		S/T	0.88	0.93	0.95	0.96	0.64	0.84	0.94	0.95	0.40	0.58	0.74	0.91	/	0.38	0.53	0.68
		kW	1.12	1.13	1.14	1.14	1.14	1.15	1.16	1.17	1.16	1.17	1.18	1.20	/	1.49	1.50	1.51
	75	TC	19.9	20.1	20.6	20.8	20.4	20.8	21.0	21.3	21.9	22.2	22.4	22.6	/	27.1	27.4	27.6
		S/T	0.88	0.93	0.95	0.96	0.64	0.84	0.94	0.95	0.40	0.58	0.74	0.91	/	0.38	0.53	0.68
		kW	1.33	1.34	1.36	1.36	1.36	1.38	1.39	1.40	1.40	1.41	1.42	1.44	/	1.76	1.78	1.80
	85	TC	19.9	20.1	20.6	20.8	20.4	20.8	21.0	21.3	21.8	22.2	22.4	22.6	/	26.8	27.0	27.3
		S/T	0.88	0.93	0.95	0.96	0.64	0.85	0.94	0.96	0.40	0.58	0.74	0.91	/	0.38	0.53	0.68
		kW	1.54	1.55	1.56	1.56	1.56	1.58	1.59	1.61	1.62	1.63	1.64	1.65	/	1.98	2.00	2.02
	95	TC	19.8	20.0	20.5	20.7	20.4	20.7	20.9	21.2	21.7	22.1	22.3	22.4	/	26.5	26.8	27.0
		S/T	0.88	0.93	0.95	0.96	0.64	0.85	0.94	0.96	0.40	0.58	0.74	0.91	/	0.38	0.53	0.68
		kW	1.83	1.85	1.87	1.87	1.87	1.89	1.90	1.92	1.93	1.94	1.95	1.96	/	2.39	2.41	2.42
	105	TC	19.0	19.3	19.6	19.8	19.7	19.9	20.1	20.4	21.1	21.3	21.5	21.7	/	26.1	26.4	26.6
		S/T	0.89	0.94	0.96	0.96	0.65	0.86	0.95	0.96	0.41	0.59	0.75	0.92	/	0.39	0.54	0.69
		kW	2.16	2.18	2.20	2.20	2.20	2.22	2.23	2.26	2.27	2.29	2.30	2.32	/	2.85	2.87	2.88
	115	TC	18.9	19.1	19.6	19.7	19.7	19.8	20.0	20.2	20.9	21.1	21.3	21.6	/	25.5	25.6	25.9
		S/T	0.91	0.96	0.96	0.96	0.67	0.87	0.96	0.96	0.43	0.61	0.77	0.94	/	0.41	0.56	0.71
		kW	2.60	2.62	2.64	2.65	2.64	2.69	2.72	2.74	2.75	2.77	2.79	2.82	/	3.35	3.37	3.41
720	65	TC	21.8	22.1	22.6	22.9	22.5	22.8	23.0	23.3	24.1	24.3	24.5	24.8	/	29.2	29.5	29.8
		S/T	0.89	0.94	0.96	0.96	0.65	0.85	0.95	0.96	0.41	0.59	0.74	0.91	/	0.39	0.53	0.68
		kW	1.28	1.29	1.30	1.30	1.30	1.31	1.33	1.34	1.33	1.36	1.37	1.38	/	1.78	1.80	1.82
	75	TC	21.5	21.9	22.4	22.6	22.3	22.5	22.8	23.0	23.9	24.2	24.3	24.3	/	29.2	29.5	29.8
		S/T	0.89	0.94	0.96	0.96	0.65	0.85	0.95	0.96	0.41	0.59	0.74	0.92	/	0.39	0.53	0.68
		kW	1.50	1.52	1.53	1.53	1.53	1.54	1.56	1.57	1.58	1.59	1.61	1.61	/	1.98	2.01	2.03
	85	TC	21.4	21.7	22.2	22.5	22.1	22.5	22.7	23.0	23.9	24.0	24.2	24.3	/	28.9	29.2	29.4
		S/T	0.89	0.94	0.96	0.96	0.65	0.86	0.95	0.96	0.41	0.59	0.74	0.92	/	0.39	0.53	0.68
		kW	1.67	1.69	1.70	1.70	1.70	1.72	1.74	1.76	1.78	1.78	1.78	1.80	/	2.18	2.20	2.22
	95	TC	21.2	21.6	22.1	22.2	22.0	22.3	22.5	22.9	23.5	23.7	24.0	24.2	/	28.7	28.9	29.1
		S/T	0.89	0.94	0.96	0.96	0.65	0.86	0.95	0.96	0.41	0.59	0.74	0.92	/	0.39	0.53	0.68
		kW	1.92	1.94	1.96	1.96	1.96	1.98	2.00	2.02	2.04	2.05	2.05	2.06	/	2.62	2.64	2.65
	105	TC	19.6	19.8	20.1	20.4	21.3	21.6	21.9	22.2	22.6	22.7	22.9	23.2	/	27.3	27.5	27.7
		S/T	0.90	0.95	0.96	0.96	0.66	0.86	0.96	0.96	0.42	0.60	0.75	0.93	/	0.40	0.54	0.69
		kW	2.29	2.31	2.33	2.33	2.33	2.36	2.38	2.40	2.41	2.43	2.44	2.46	/	2.99	3.01	3.05
	115	TC	19.3	19.6	19.8	20.1	21.0	21.3	21.6	21.9	22.3	22.5	22.6	22.9	/	27.0	27.2	27.4
		S/T	0.92	0.96	0.96	0.96	0.68	0.88	0.96	0.96	0.44	0.62	0.77	0.95	/	0.42	0.56	0.71
		kW	2.64	2.66	2.67	2.69	2.69	2.72	2.77	2.79	2.82	2.84	2.86	2.88	/	3.43	3.44	3.45
960	65	TC	25.4	25.7	26.3	26.6	26.3	26.6	26.9	27.2	28.0	28.2	28.5	28.8	/	33.9	34.2	34.4
		S/T	0.91	0.95	0.96	0.96	0.66	0.86	0.96	0.96	0.42	0.60	0.76	0.93	/	0.40	0.53	0.68
		kW	1.64	1.65	1.67	1.67	1.67	1.68	1.70	1.71	1.71	1.72	1.75	1.76	/	2.26	2.29	2.31
	75	TC	25.3	25.6	26.2	26.5	26.2	26.5	26.8	27.1	28.0	28.2	28.4	28.7	/	33.3	33.6	33.8
		S/T	0.91	0.95	0.96	0.96	0.66	0.86	0.96	0.96	0.42	0.60	0.76	0.94	/	0.40	0.53	0.68
		kW	1.89	1.90	1.92	1.92	1.92	1.94	1.95	1.97	1.97	2.00	2.02	2.03	/	2.44	2.47	2.49
	85	TC	25.0	25.3	25.9	26.2	25.9	26.2	26.5	26.8	27.7	28.0	28.2	28.4	/	32.7	33.0	33.3
		S/T	0.91	0.95	0.96	0.96	0.66	0.86	0.96	0.96	0.42	0.60	0.77	0.94	/	0.40	0.53	0.68
		kW	2.05	2.07	2.09	2.09	2.09	2.10	2.13	2.15	2.16	2.18	2.19	2.20	/	2.70	2.72	2.76
	95	TC	24.7	25.0	25.6	25.9	25.6	25.9	26.2	26.4	27.4	27.6	27.9	28.0	/	31.5	31.6	31.7
		S/T	0.91	0.95	0.96	0.96	0.66	0.86	0.96	0.96	0.42	0.60	0.77	0.94	/	0.40	0.54	0.70
		kW	2.40	2.42	2.44	2.44	2.44	2.46	2.49	2.52	2.53	2.54	2.56	2.58	/	3.10	3.11	3.12
	105	TC	23.7	24.0	24.6	24.9	24.6	24.9	25.1	25.4	26.3	26.5	26.7	27.0	/	30.2	30.4	30.5
		S/T	0.92	0.96	0.96	0.96	0.67	0.87	0.96	0.96	0.43	0.61	0.79	0.96	/	0.41	0.55	0.72
		kW	2.82	2.85	2.87	2.87	2.87	2.90	2.94	2.96	2.97	2.99	3.01	3.03	/	3.41	3.41	3.41
	115	TC	23.1	23.4	24.0	24.2	24.0	24.2	24.5	24.8	25.4	25.6	25.8	26.0	/	27.8	27.9	28.1
		S/T	0.93	0.96	0.96	0.96	0.69	0.89	0.96	0.96	0.45	0.62	0.81	0.96	/	0.44	0.58	0.75
		kW	3.21	3.24	3.28	3.28	3.28	3.31	3.34	3.37	3.39	3.41	3.45	3.47	/	3.52	3.52	3.53

Table 10

TC refers to total capacity in kBTU/hr S/T: refer to the ratio of sensible heat and total capacity kW: refer to total input power

BOVB18-36 + BVA20-36 For Cooling																		
Indoor Airflow (CFM)	Outdoor DB (°F)	IWB (°F)	59				63				67				71			
		IDB (°F)	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
700	65	TC	21.5	21.8	22.3	22.6	22.1	22.5	22.7	23.1	23.6	23.8	24.0	24.3	/	27.9	28.2	28.4
		S/T	0.84	0.91	0.95	0.99	0.59	0.82	0.91	0.94	0.38	0.55	0.74	0.87	/	0.38	0.52	0.68
		kW	1.17	1.18	1.20	1.21	1.20	1.21	1.22	1.23	1.22	1.23	1.25	1.26	/	1.59	1.61	1.62
	75	TC	21.2	21.5	22.0	22.3	21.8	22.2	22.4	22.8	23.1	23.5	23.8	24.2	/	27.9	28.2	28.4
		S/T	0.84	0.91	0.95	0.99	0.59	0.82	0.91	0.94	0.38	0.55	0.74	0.87	/	0.38	0.52	0.68
		kW	1.76	1.77	1.79	1.80	1.79	1.80	1.81	1.84	1.84	1.85	1.86	1.88	/	2.19	2.20	2.22
	85	TC	21.1	21.5	22.0	22.2	21.8	22.0	22.4	22.7	23.1	23.4	23.8	24.2	/	27.7	27.9	28.2
		S/T	0.84	0.91	0.95	0.99	0.59	0.82	0.91	0.94	0.38	0.55	0.74	0.87	/	0.38	0.52	0.68
		kW	1.91	1.94	1.95	1.96	1.95	1.96	1.98	1.99	2.00	2.01	2.02	2.03	/	2.36	2.39	2.40
	95	TC	21.0	21.4	21.8	22.1	21.7	21.9	22.2	22.6	23.0	23.3	23.6	24.0	/	27.3	27.6	27.9
		S/T	0.84	0.91	0.95	0.99	0.59	0.82	0.91	0.94	0.38	0.55	0.74	0.87	/	0.38	0.52	0.68
		kW	2.00	2.02	2.03	2.05	2.03	2.06	2.08	2.09	2.11	2.11	2.13	2.14	/	2.55	2.57	2.61
	105	TC	20.4	20.7	21.3	21.5	21.1	21.4	21.7	22.0	22.5	22.6	23.0	23.5	/	27.6	27.8	28.1
		S/T	0.84	0.91	0.95	0.99	0.59	0.82	0.91	0.94	0.38	0.55	0.74	0.87	/	0.38	0.52	0.68
		kW	2.38	2.40	2.42	2.43	2.42	2.44	2.47	2.49	2.51	2.51	2.53	2.55	/	3.08	3.10	3.13
	115	TC	20.2	20.6	21.1	21.3	20.9	21.2	21.5	21.8	22.3	22.5	22.8	23.2	/	24.6	24.8	25.1
		S/T	0.85	0.92	0.96	0.99	0.60	0.83	0.92	0.95	0.39	0.56	0.75	0.88	/	0.39	0.53	0.69
		kW	2.78	2.81	2.83	2.84	2.83	2.87	2.89	2.92	2.93	2.95	2.98	3.00	/	3.41	3.42	3.42
820	65	TC	23.7	24.1	24.6	25.0	24.5	24.9	25.2	25.5	26.1	26.3	26.8	27.1	/	30.6	31.0	31.5
		S/T	0.85	0.92	0.96	0.99	0.60	0.83	0.92	0.95	0.38	0.56	0.75	0.87	/	0.38	0.53	0.69
		kW	1.36	1.37	1.40	1.41	1.40	1.41	1.42	1.43	1.43	1.44	1.46	1.47	/	1.88	1.89	1.92
	75	TC	23.5	23.9	24.5	24.8	24.4	24.7	25.0	25.3	25.8	26.1	26.6	26.9	/	30.6	31.0	31.5
		S/T	0.85	0.92	0.96	0.99	0.60	0.83	0.92	0.95	0.38	0.56	0.75	0.87	/	0.38	0.53	0.69
		kW	2.01	2.02	2.05	2.06	2.05	2.06	2.08	2.09	2.10	2.10	2.12	2.14	/	2.40	2.42	2.45
	85	TC	23.5	23.9	24.4	24.8	24.3	24.6	25.0	25.2	25.8	26.1	26.5	26.9	/	30.6	30.9	31.0
		S/T	0.85	0.92	0.96	0.99	0.60	0.83	0.92	0.95	0.38	0.56	0.75	0.87	/	0.38	0.53	0.69
		kW	2.12	2.14	2.16	2.17	2.16	2.18	2.20	2.21	2.23	2.23	2.24	2.25	/	2.66	2.68	2.71
	95	TC	23.3	23.7	24.2	24.6	24.1	24.4	24.8	25.1	25.5	25.9	26.3	26.7	/	30.1	30.4	30.6
		S/T	0.85	0.92	0.96	0.99	0.60	0.83	0.92	0.95	0.38	0.56	0.75	0.87	/	0.38	0.53	0.69
		kW	2.24	2.27	2.29	2.30	2.29	2.31	2.33	2.35	2.36	2.38	2.40	2.41	/	2.91	2.94	2.96
	105	TC	22.6	22.9	23.5	23.8	23.3	23.6	24.0	24.4	24.9	25.1	25.5	25.8	/	30.3	30.5	30.6
		S/T	0.85	0.92	0.96	0.99	0.60	0.83	0.92	0.95	0.38	0.56	0.75	0.87	/	0.38	0.53	0.69
		kW	2.65	2.69	2.71	2.72	2.71	2.73	2.77	2.79	2.81	2.82	2.84	2.87	/	3.48	3.50	3.53
	115	TC	21.1	21.4	21.9	22.2	21.9	22.2	22.4	22.6	23.5	23.7	23.9	24.1	/	25.8	26.0	26.2
		S/T	0.86	0.93	0.97	0.99	0.61	0.84	0.93	0.96	0.39	0.57	0.76	0.88	/	0.39	0.54	0.70
		kW	2.92	2.95	2.99	2.99	3.18	3.19	3.21	3.24	3.25	3.28	3.31	3.33	/	3.50	3.51	3.53
960	65	TC	29.0	29.3	29.9	30.3	30.2	30.5	30.8	31.1	32.1	32.4	32.7	32.9	/	34.8	35.1	35.3
		S/T	0.89	0.94	0.97	0.99	0.62	0.85	0.94	0.99	0.38	0.56	0.75	0.96	/	0.38	0.53	0.69
		kW	1.91	1.94	1.95	1.95	1.95	1.97	1.98	2.00	2.00	2.01	2.03	2.06	/	2.46	2.49	2.52
	75	TC	28.9	29.3	29.9	30.2	30.0	30.3	30.7	31.0	32.0	32.3	32.6	32.8	/	34.4	34.7	35.0
		S/T	0.89	0.94	0.97	0.99	0.62	0.85	0.94	0.99	0.38	0.56	0.75	0.96	/	0.38	0.53	0.69
		kW	2.34	2.36	2.39	2.40	2.39	2.41	2.43	2.44	2.44	2.46	2.49	2.51	/	2.65	2.66	2.67
	85	TC	28.6	28.9	29.5	29.9	29.7	30.1	30.4	30.7	31.9	32.1	32.4	32.6	/	34.3	34.6	34.8
		S/T	0.89	0.94	0.97	0.99	0.62	0.85	0.94	0.99	0.38	0.56	0.75	0.96	/	0.38	0.53	0.69
		kW	2.47	2.50	2.52	2.52	2.52	2.54	2.56	2.58	2.58	2.61	2.63	2.65	/	2.94	2.97	2.99
	95	TC	28.2	28.5	29.0	29.4	29.2	29.6	29.9	30.2	31.4	31.7	31.9	32.1	/	34.0	34.3	34.5
		S/T	0.89	0.94	0.97	0.99	0.62	0.85	0.94	0.99	0.38	0.56	0.75	0.96	/	0.38	0.53	0.69
		kW	2.79	2.82	2.85	2.86	2.85	2.87	2.90	2.93	2.95	2.96	2.98	3.01	/	3.50	3.51	3.52
	105	TC	26.3	26.7	27.4	27.7	27.2	27.5	27.9	28.3	28.9	29.3	29.6	30.0	/	33.7	33.8	34.0
		S/T	0.90	0.95	0.98	0.99	0.63	0.86	0.95	0.99	0.39	0.57	0.76	0.97	/	0.39	0.54	0.70
		kW	3.32	3.34	3.37	3.39	3.57	3.58	3.60	3.62	3.81	3.83	3.84	3.85	/	4.08	4.09	4.10
	115	TC	21.4	21.7	22.1	22.4	23.8	24.2	24.5	24.7	25.5	25.8	26.0	26.3	/	26.8	27.1	27.3
		S/T	0.91	0.96	0.99	0.99	0.64	0.87	0.96	0.99	0.40	0.58	0.77	0.98	/	0.40	0.55	0.71
		kW	2.94	2.97	2.99	3.01	3.19	3.20	3.22	3.24	3.43	3.45	3.47	3.48	/	3.59	3.61	3.63
1150	65	TC	30.4	30.9	31.6	31.9	31.5	31.9	32.2	32.6	33.6	33.8	34.2	34.5	/	38.4	38.7	39.0
		S/T	0.89	0.95	0.98	0.99	0.63	0.86	0.95	0.99	0.38	0.57	0.76	0.97	/	0.38	0.54	0.70
		kW	2.11	2.13	2.16	2.17	2.16	2.18	2.20	2.22	2.28	2.31	2.33	2.35	/	2.72	2.73	2.76
	75	TC	30.4	30.9	31.5	31.8	31.5	31.9	32.2	32.6	33.5	33.8	34.1	34.4	/	38.1	38.4	38.7
		S/T	0.90	0.95	0.98	0.99	0.63	0.86	0.95	0.99	0.38	0.57	0.76	0.97	/	0.38	0.54	0.70
		kW	2.39	2.41	2.43	2.44	2.43	2.45	2.47	2.50	2.51	2.52	2.55	2.57	/	2.87	2.89	2.90
	85	TC	29.9	30.3	31.0	31.4	31.1	31.4	31.7	32.0	33.2	33.5	33.9	34.2	/	37.1	37.4	37.7
		S/T	0.90	0.95	0.98	0.99	0.63	0.86	0.95	0.99	0.38	0.57	0.76	0.97	/	0.38	0.54	0.70
		kW	2.52	2.54	2.57	2.58	2.57	2.61	2.62	2.65	2.77	2.79	2.82	2.84	/	3.27	3.27	3.29
	95	TC	29.5	30.0	30.7	31.1	31.0	31.3	31.6	31.9	32.7	33.2	33.6	33.7	/	36.4	36.5	36.7
		S/T	0.90	0.95	0.98	0.99	0.63	0.86	0.95	0.99	0.38	0.57	0.76	0.97	/	0.38	0.54	0.70
		kW	2.97	3.00	3.04	3.05	3.04	3.07	3.09	3.12	3.26	3.28	3.31	3.32	/	3.82	3.83	3.84
	105	TC	27.5	27.9	28.3	28.6	29.4	29.7	30.0	30.4	31.3	31.7	31.9	32.2	/	34.6	34.9	35.1
		S/T	0.91	0.96	0.99	0.99	0.63	0.87	0.95	0.99	0.39	0.59	0.77	0.98	/	0.39	0.55	0.71
		kW	3.42	3.45	3.47	3.49	3.57	3.61	3.64	3.68	3.81	3.83	3.87	3.89	/	4.14	4.15	4.16
	115	TC	22.0	22.4	22.6	22.9	24.2	24.6	24.8	25.1	26.0	26.4	26.6	26.9	/	27.5	27.7	27.8
		S/T	0.92	0.97	0.99	0.99	0.64	0.89	0.97	0.99	0.40	0.63	0.79	0.99	/	0.40	0.56	0.75
		kW	3.01	3.03	3.05	3.08	3.21	3.23	3.25	3.27	3.50	3.52	3.53	3.54	/	3.65	3.67	3.68
1300	65	TC	32.3	32.8	33.6	34.0	33.4	33.9	34.3	34.8	35.6	36.1	36.5	36.9	/	41.0	41.3	41.6
		S/T	0.92	0.97	0.99	0.99	0.65	0.88	0.97	0.99	0.40	0.59	0.78	0.99	/	0.40	0.56	0.72
		kW	2.45	2.47	2.50	2.51	2.50	2.53	2.55	2.57	2.58	2.61	2.63	2.65	/	3.08	3.10	3.13
	75	TC	32.2	32.6	33.4	33.7	33.4	33.7	34.1	34.5	35.5	36.0	36.3	36.6	/	40.6	40.8	40.9
		S/T	0.92	0.97	0.99	0.99	0.65	0.88	0.97	0.99	0.40	0.59	0.78	0.99	/	0.40	0.56	0.72
		kW	2.52	2.54	2.57	2.58	2.57	2.58	2.61	2.64	2.65	2.67	2.69	2.73	/	3.38	3.39	3.40
	85	TC	31.8	32.2	33.0	33.4	32.8	33.3	33.6	34.1	35.1	35.4	35.8	36.2	/	39.6	39.9	40.3
		S/T	0.92	0.97	0.99	0.99	0.65	0.88	0.97	0.99	0.40	0.59	0.78	0.99	/	0.40	0.56	0.72
		kW	2.83	2.85	2.88	2.89	2.88	2.91	2.94	2.97	2.99	3.01	3.02	3.05	/	3.61	3.63	3.66
	95	TC	31.0	31.4	32.1	32.5	31.9	32.4	32.8	33.2	34.2	34.5	34.8	35.3	/	37.7	38.0	38.2
		S/T	0.92	0.97	0.99	0.99	0.65	0.88	0.97	0.99	0.40	0.59	0.78	0.99	/	0.40	0.56	0.72
		kW	3.30	3.33	3.36	3.38	3.36	3.40	3.43	3.46	3.50	3.52	3.53	3.55	/	4.05	4.06	4.07
	105	TC	28.0	28.6	29.0	29.3	30.7	31.1	31.4	31.6	32.4	32.7	32.9	33.2	/	35.1	35.6	35.4
		S/T	0.92	0.97	0.99	0.99	0.65	0.89	0.97	0.99	0.40	0.60	0.79	0.99	/	0.40	0.58	0.75
		kW	3.54	3.57	3.59	3.61	3.79	3.80	3.82	3.84	4.03	4.05	4.07	4.08	/	4.51	4.53	4.55
	115	TC	22.5	22.9	23.3	23.6	25.0	25.4	25.7	25.9	26.6	27.0	27.2	27.5	/	28.1	28.2	28.3
		S/T	0.94	0.99	0.99	0.99	0.67	0.91	0.99	0.99	0.42	0.65	0.88	0.99	/	0.42	0.64	0.83
		kW	3.05	3.08	3.10	3.12	3.25	3.28	3.32	3.35	3.54	3.57	3.58	3.59	/	3.70	3.72	3.73

Table 11

TC refers to total capacity in kBTU/hr S/T: refer to the ratio of sensible heat and total capacity kW: refer to total input power

BOVB18-60 + BVA20-36 For Cooling																		
Indoor Airflow (CFM)	Outdoor DB (°F)	IWB (°F)	59				63				67				71			
		IDB (°F)	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
700	65	TC	22.4	22.7	23.4	23.7	23.2	23.6	23.8	24.2	24.7	24.9	25.1	25.4	/	30.5	30.8	31.0
		S/T	0.84	0.91	0.95	0.99	0.59	0.82	0.91	0.94	0.38	0.55	0.74	0.87	/	0.38	0.52	0.68
		kW	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.16	1.06	1.16	1.16	1.16	/	1.45	1.45	1.45
	75	TC	22.1	22.4	23.1	23.4	22.8	23.3	23.5	23.9	24.2	24.6	25.0	25.4	/	30.5	30.8	31.0
		S/T	0.84	0.91	0.95	0.99	0.59	0.82	0.91	0.94	0.38	0.55	0.74	0.87	/	0.38	0.52	0.68
		kW	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.74	/	2.03	2.03	2.03
	85	TC	22.0	22.4	23.1	23.3	22.8	23.1	23.5	23.8	24.2	24.5	25.0	25.4	/	30.3	30.5	30.8
		S/T	0.84	0.91	0.95	0.99	0.59	0.82	0.91	0.94	0.38	0.55	0.74	0.87	/	0.38	0.52	0.68
		kW	1.74	1.74	1.74	1.74	1.74	1.74	1.84	1.84	1.84	1.84	1.84	1.84	/	2.13	2.13	2.23
	95	TC	22.0	22.3	22.8	23.2	22.6	23.0	23.3	23.7	24.1	24.4	24.8	25.2	/	29.8	30.2	30.5
		S/T	0.84	0.91	0.95	0.99	0.59	0.82	0.91	0.94	0.38	0.55	0.74	0.87	/	0.38	0.52	0.68
		kW	1.84	1.84	1.84	1.84	1.84	1.84	1.94	1.94	1.94	1.94	1.94	1.94	/	2.32	2.32	2.32
	105	TC	23.1	23.5	24.1	24.3	23.9	24.2	24.6	24.9	25.4	25.7	26.1	26.6	/	31.0	31.2	31.6
		S/T	0.84	0.91	0.95	0.99	0.59	0.82	0.91	0.94	0.38	0.55	0.74	0.87	/	0.38	0.52	0.68
		kW	2.21	2.21	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.42	2.42	/	2.81	2.81	2.81
	115	TC	22.9	23.4	23.9	24.1	23.7	24.0	24.3	24.7	25.2	25.4	25.9	26.3	/	27.7	27.9	28.2
		S/T	0.85	0.92	0.96	0.99	0.60	0.83	0.92	0.95	0.39	0.56	0.75	0.88	/	0.39	0.53	0.69
		kW	2.62	2.62	2.62	2.62	2.62	2.72	2.72	2.72	2.72	2.72	2.82	2.82	/	3.10	3.10	3.10
820	65	TC	24.8	25.2	25.8	26.1	25.6	26.0	26.3	26.8	27.4	27.6	28.0	28.4	/	33.3	33.9	34.4
		S/T	0.85	0.92	0.96	0.99	0.60	0.83	0.92	0.95	0.38	0.56	0.75	0.87	/	0.38	0.53	0.69
		kW	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.35	1.35	1.35	/	1.74	1.74	1.74
	75	TC	24.6	25.0	25.7	25.9	25.5	25.8	26.1	26.6	27.1	27.4	27.8	28.2	/	33.3	33.9	34.4
		S/T	0.85	0.92	0.96	0.99	0.60	0.83	0.92	0.95	0.38	0.56	0.75	0.87	/	0.38	0.53	0.69
		kW	1.84	1.84	1.84	1.84	1.84	1.84	1.94	1.94	1.94	1.94	1.94	1.94	/	2.23	2.23	2.23
	85	TC	24.6	25.0	25.6	25.9	25.4	25.7	26.1	26.5	27.1	27.4	27.7	28.2	/	33.3	33.7	33.9
		S/T	0.85	0.92	0.96	0.99	0.60	0.83	0.92	0.95	0.38	0.56	0.75	0.87	/	0.38	0.53	0.69
		kW	1.94	1.94	1.94	1.94	1.94	1.94	2.03	2.03	2.03	2.03	2.03	2.03	/	2.42	2.42	2.42
	95	TC	24.4	24.8	25.4	25.7	25.2	25.5	25.9	26.2	26.8	27.2	27.5	27.9	/	32.8	33.1	33.3
		S/T	0.85	0.92	0.96	0.99	0.60	0.83	0.92	0.95	0.38	0.56	0.75	0.87	/	0.38	0.53	0.69
		kW	2.03	2.03	2.03	2.13	2.03	2.13	2.13	2.13	2.13	2.13	2.23	2.23	/	2.61	2.71	2.71
	105	TC	25.5	26.0	26.6	27.0	26.4	26.9	27.2	27.6	28.3	28.5	28.8	29.3	/	33.9	34.2	34.4
		S/T	0.85	0.92	0.96	0.99	0.60	0.83	0.92	0.95	0.38	0.56	0.75	0.87	/	0.38	0.53	0.69
		kW	2.52	2.52	2.52	2.52	2.52	2.52	2.62	2.62	2.62	2.62	2.62	2.72	/	3.22	3.32	3.32
	115	TC	23.9	24.2	24.8	25.1	24.8	25.1	25.3	25.7	26.6	26.9	27.1	27.3	/	29.0	29.2	29.4
		S/T	0.86	0.93	0.97	0.99	0.61	0.84	0.93	0.96	0.39	0.57	0.76	0.88	/	0.39	0.54	0.70
		kW	2.72	2.72	2.82	2.82	3.02	3.02	3.02	3.02	3.02	3.02	3.12	3.12	/	3.32	3.32	3.32
960	65	TC	30.5	30.8	31.3	31.7	31.6	31.9	32.2	32.5	33.7	34.0	34.3	34.5	/	38.0	38.3	38.6
		S/T	0.89	0.94	0.97	0.99	0.62	0.85	0.94	0.99	0.38	0.56	0.75	0.96	/	0.38	0.53	0.69
		kW	1.74	1.74	1.74	1.74	1.74	1.74	1.84	1.84	1.84	1.84	1.84	1.84	/	2.23	2.23	2.32
	75	TC	30.4	30.8	31.3	31.6	31.4	31.7	32.1	32.4	33.6	33.9	34.2	34.4	/	37.6	37.9	38.2
		S/T	0.89	0.94	0.97	0.99	0.62	0.85	0.94	0.99	0.38	0.56	0.75	0.96	/	0.38	0.53	0.69
		kW	2.13	2.13	2.13	2.23	2.13	2.23	2.23	2.23	2.23	2.23	2.23	2.32	/	2.42	2.42	2.42
	85	TC	30.1	30.4	30.9	31.3	31.1	31.5	31.8	32.1	33.3	33.7	34.0	34.2	/	37.5	37.8	38.0
		S/T	0.89	0.94	0.97	0.99	0.62	0.85	0.94	0.99	0.38	0.56	0.75	0.96	/	0.38	0.53	0.69
		kW	2.23	2.23	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.42	2.42	/	2.71	2.71	2.71
	95	TC	29.5	29.8	30.5	30.8	30.7	31.0	31.3	31.6	32.8	33.1	33.3	33.7	/	37.2	37.5	37.7
		S/T	0.89	0.94	0.97	0.99	0.62	0.85	0.94	0.99	0.38	0.56	0.75	0.96	/	0.38	0.53	0.69
		kW	2.52	2.52	2.61	2.61	2.61	2.61	2.61	2.61	2.71	2.71	2.71	2.71	/	3.19	3.19	3.19
	105	TC	29.8	30.3	31.0	31.4	30.9	31.2	31.7	32.1	32.7	33.2	33.6	34.1	/	37.8	37.9	38.1
		S/T	0.90	0.95	0.98	0.99	0.63	0.86	0.95	0.99	0.39	0.57	0.76	0.97	/	0.39	0.54	0.70
		kW	3.12	3.12	3.12	3.22	3.32	3.32	3.32	3.42	3.52	3.62	3.62	3.62	/	3.82	3.82	3.82
	115	TC	24.2	24.7	25.1	25.4	27.1	27.5	27.8	28.1	28.8	29.3	29.5	29.8	/	30.2	30.5	30.7
		S/T	0.91	0.96	0.99	0.99	0.64	0.87	0.96	0.99	0.40	0.58	0.77	0.98	/	0.40	0.55	0.71
		kW	2.72	2.82	2.82	2.82	3.02	3.02	3.02	3.02	3.22	3.22	3.22	3.22	/	3.32	3.42	3.42
1150	65	TC	31.8	32.3	33.1	33.5	32.9	33.3	33.8	34.2	35.2	35.4	35.8	36.1	/	41.9	42.2	42.5
		S/T	0.89	0.95	0.98	0.99	0.63	0.86	0.95	0.99	0.38	0.57	0.76	0.97	/	0.38	0.54	0.70
		kW	1.94	1.94	1.94	1.94	1.94	1.94	2.03	2.03	2.03	2.13	2.13	2.13	/	2.52	2.52	2.52
	75	TC	31.8	32.3	32.9	33.2	32.9	33.3	33.8	34.2	35.1	35.4	35.7	36.0	/	41.6	41.9	42.2
		S/T	0.90	0.95	0.98	0.99	0.63	0.86	0.95	0.99	0.38	0.57	0.76	0.97	/	0.38	0.54	0.70
		kW	2.13	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.32	2.32	2.32	2.32	/	2.61	2.61	2.61
	85	TC	31.3	31.7	32.5	32.8	32.5	32.8	33.1	33.6	34.8	35.1	35.5	35.8	/	40.4	40.8	41.1
		S/T	0.90	0.95	0.98	0.99	0.63	0.86	0.95	0.99	0.38	0.57	0.76	0.97	/	0.38	0.54	0.70
		kW	2.32	2.32	2.32	2.32	2.32	2.32	2.42	2.42	2.52	2.52	2.52	2.61	/	3.00	3.00	3.00
	95	TC	30.9	31.4	32.2	32.5	32.4	32.7	33.0	33.5	34.3	34.8	35.2	35.3	/	39.6	39.8	40.0
		S/T	0.90	0.95	0.98	0.99	0.63	0.86	0.95	0.99	0.38	0.57	0.76	0.97	/	0.38	0.54	0.70
		kW	2.71	2.71	2.81	2.81	2.81	2.81	2.81	2.81	3.00	3.00	3.00	3.00	/	3.48	3.48	3.48
	105	TC	31.2	31.7	32.1	32.4	33.3	33.6	33.9	34.4	35.5	35.9	36.1	36.5	/	39.3	39.6	39.8
		S/T	0.91	0.96	0.99	0.99	0.63	0.87	0.95	0.99	0.39	0.59	0.77	0.98	/	0.39	0.55	0.71
		kW	3.22	3.22	3.22	3.22	3.32	3.42	3.42	3.42	3.52	3.62	3.62	3.62	/	3.93	3.93	3.93
	115	TC	24.9	25.3	25.7	26.0	27.4	27.8	28.2	28.5	29.5	29.9	30.2	30.6	/	31.2	31.4	31.5
		S/T	0.92	0.97	0.99	0.99	0.64	0.89	0.97	0.99	0.40	0.63	0.79	0.99	/	0.40	0.56	0.75
		kW	2.82	2.82	2.82	2.92	3.02	3.02	3.02	3.02	3.32	3.32	3.32	3.32	/	3.42	3.42	3.42
1300	65	TC	33.9	34.4	35.2	35.6	35.0	35.5	35.9	36.4	37.4	37.8	38.2	38.6	/	44.8	45.1	45.4
		S/T	0.92	0.97	0.99	0.99	0.65	0.88	0.97	0.99	0.40	0.59	0.78	0.99	/	0.40	0.56	0.72
		kW	2.23	2.23	2.23	2.32	2.23	2.32	2.32	2.32	2.32	2.32	2.42	2.42	/	2.81	2.81	2.81
	75	TC	33.8	34.2	35.0	35.3	35.0	35.3	35.7	36.1	37.3	37.8	38.1	38.4	/	44.4	44.6	44.7
		S/T	0.92	0.97	0.99	0.99	0.65	0.88	0.97	0.99	0.40	0.59	0.78	0.99	/	0.40	0.56	0.72
		kW	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.42	2.42	2.42	2.42	2.52	/	3.10	3.10	3.10
	85	TC	33.2	33.8	34.6	35.0	34.4	34.9	35.2	35.7	36.7	37.1	37.5	37.9	/	43.2	43.6	44.1
		S/T	0.92	0.97	0.99	0.99	0.65	0.88	0.97	0.99	0.40	0.59	0.78	0.99	/	0.40	0.56	0.72
		kW	2.61	2.61	2.61	2.61	2.61	2.61	2.71	2.71	2.71	2.71	2.71	2.81	/	3.29	3.29	3.29
	95	TC	32.4	32.8	33.7	34.1	33.5	34.0	34.4	34.8	35.8	36.1	36.4	36.9	/	41.1	41.5	41.7
		S/T	0.92	0.97	0.99	0.99	0.65	0.88	0.97	0.99	0.40	0.59	0.78	0.99	/	0.40	0.56	0.72
		kW	3.00	3.00	3.10	3.10	3.10	3.10	3.10	3.19	3.19	3.19	3.19	3.19	/	3.68	3.68	3.68
	105	TC	31.8	32.5	32.9	33.2	34.8	35.3	35.6	35.8	36.7	37.1	37.3	37.7	/	39.8	40.4	40.2
		S/T	0.92	0.97	0.99	0.99	0.65	0.89	0.97	0.99	0.40	0.60	0.79	0.99	/	0.40	0.58	0.75
		kW	3.32	3.32	3.32	3.42	3.52	3.52	3.62	3.62	3.82	3.82	3.82	3.82	/	4.23	4.23	4.23
	115	TC	25.4	26.0	26.4	26.7	28.4	28.8	29.1	29.4	30.2	30.7	30.9	31.2	/	31.9	32.0	32.1
		S/T	0.94	0.99	0.99	0.99	0.67	0.91	0.99	0.99	0.42	0.65	0.88	0.99	/	0.42	0.64	0.83
		kW	2.82	2.92	2.92	2.92	3.02	3.02	3.12	3.12	3.32	3.32	3.32	3.32	/	3.42	3.52	3.52

Table 12

TC refers to total capacity in kBTU/hr S/T: refer to the ratio of sensible heat and total capacity kW: refer to total input power

BOVB18-60 + BVA20-48 For Cooling																	
Indoor Airflow (CFM)	Outdoor DB (°F)	IWB (°F)	59				63				67				71			
		IDB (°F)	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
1120	65	TC	35.4	35.8	36.7	37.1	36.5	36.9	37.5	37.9	38.9	39.3	39.9	40.2	/	44.0	44.4	44.7
		S/T	0.80	0.92	0.94	0.98	0.58	0.76	0.92	0.95	0.39	0.55	0.72	0.90	/	0.39	0.54	0.67
		kW	1.99	2.01	2.03	2.03	2.03	2.04	2.06	2.08	2.09	2.11	2.14	2.15	/	2.70	2.73	2.53
	75	TC	35.1	35.6	36.4	36.9	36.2	36.7	37.2	37.7	38.6	39.1	39.6	40.0	/	43.6	44.1	44.4
		S/T	0.80	0.92	0.94	0.98	0.58	0.76	0.92	0.95	0.39	0.55	0.72	0.90	/	0.39	0.54	0.67
		kW	2.40	2.42	2.44	2.45	2.44	2.47	2.48	2.49	2.52	2.54	2.57	2.59	/	3.00	2.92	2.93
	85	TC	34.7	35.1	36.1	36.4	35.8	36.2	36.8	37.2	38.6	38.9	39.2	39.5	/	43.0	43.4	43.7
		S/T	0.80	0.92	0.94	0.98	0.58	0.76	0.92	0.95	0.39	0.55	0.72	0.90	/	0.39	0.54	0.67
		kW	2.62	2.64	2.66	2.67	2.66	2.68	2.71	2.72	2.78	2.79	2.79	2.81	/	3.33	3.35	3.38
	95	TC	34.4	34.8	35.7	36.1	35.5	35.9	36.4	36.9	37.8	38.3	38.8	39.1	/	42.3	42.7	43.0
		S/T	0.80	0.92	0.94	0.98	0.58	0.76	0.92	0.95	0.39	0.55	0.72	0.90	/	0.39	0.54	0.67
		kW	3.06	3.08	3.11	3.12	3.11	3.14	3.17	3.19	3.22	3.24	3.26	3.29	/	3.87	3.90	3.93
	105	TC	33.3	33.7	34.5	34.9	34.3	34.7	35.3	35.7	36.7	37.0	37.6	37.8	/	42.4	42.7	43.0
		S/T	0.81	0.93	0.96	1.00	0.60	0.77	0.93	0.97	0.39	0.56	0.73	0.91	/	0.39	0.54	0.67
		kW	3.32	3.36	3.37	3.39	3.39	3.41	3.45	3.48	3.50	3.53	3.55	3.58	/	4.28	4.32	4.35
	115	TC	31.2	31.6	32.4	32.7	32.4	32.7	33.1	33.4	34.7	35.0	35.3	35.5	/	38.5	38.6	38.9
		S/T	0.83	0.95	0.98	1.00	0.62	0.79	0.95	0.99	0.41	0.58	0.75	0.93	/	0.40	0.56	0.69
		kW	3.98	4.02	4.05	4.08	4.08	4.12	4.16	4.20	4.21	4.24	4.28	4.31	/	4.53	4.54	4.54
1240	65	TC	36.9	37.3	38.2	38.7	38.0	38.5	39.2	39.5	41.1	41.3	41.6	42.0	/	46.8	47.2	47.6
		S/T	0.82	0.94	0.95	0.98	0.60	0.78	0.93	0.95	0.40	0.57	0.73	0.90	/	0.39	0.55	0.67
		kW	2.14	2.16	2.18	2.18	2.18	2.19	2.21	2.23	2.28	2.29	2.30	2.33	/	2.80	2.83	2.86
	75	TC	37.1	37.5	38.4	38.9	38.2	38.7	39.3	39.8	40.9	41.3	41.7	42.2	/	46.6	46.9	47.3
		S/T	0.82	0.94	0.95	0.98	0.60	0.78	0.93	0.95	0.40	0.57	0.73	0.90	/	0.39	0.55	0.67
		kW	2.48	2.49	2.52	2.53	2.52	2.54	2.56	2.58	2.60	2.63	2.64	2.67	/	3.20	3.23	3.25
	85	TC	36.6	37.1	38.0	38.3	37.7	38.2	38.8	39.2	40.3	40.8	41.2	41.6	/	45.8	46.1	46.5
		S/T	0.82	0.94	0.95	0.98	0.60	0.78	0.93	0.95	0.40	0.57	0.73	0.90	/	0.39	0.55	0.67
		kW	2.79	2.82	2.84	2.85	2.84	2.87	2.90	2.91	2.94	2.96	2.98	3.01	/	3.53	3.56	3.59
	95	TC	36.1	36.6	37.5	37.9	37.3	37.7	38.3	38.7	39.8	40.3	40.6	41.1	/	44.4	44.7	45.1
		S/T	0.82	0.94	0.95	0.98	0.60	0.78	0.93	0.95	0.40	0.57	0.73	0.90	/	0.39	0.55	0.67
		kW	3.25	3.28	3.31	3.32	3.31	3.34	3.37	3.38	3.42	3.45	3.48	3.50	/	4.11	4.13	4.16
	105	TC	35.0	35.1	35.4	35.8	36.0	36.4	36.9	37.4	38.6	39.0	39.4	39.6	/	43.8	44.2	44.5
		S/T	0.83	0.95	0.97	1.00	0.61	0.79	0.94	0.97	0.41	0.58	0.74	0.91	/	0.39	0.55	0.67
		kW	3.90	3.91	3.95	3.95	3.95	3.99	4.04	4.05	4.06	4.09	4.13	4.15	/	4.56	4.59	4.61
	115	TC	32.1	32.5	33.3	33.6	33.5	33.8	34.1	34.4	36.0	36.2	36.4	36.3	/	38.8	39.0	39.2
		S/T	0.85	0.97	0.99	1.00	0.63	0.81	0.96	0.99	0.43	0.60	0.76	0.93	/	0.41	0.57	0.69
		kW	4.08	4.12	4.16	4.18	4.21	4.24	4.27	4.30	4.33	4.36	4.39	4.41	/	4.58	4.60	4.62
1420	65	TC	39.3	39.8	40.7	41.1	40.5	41.0	41.6	42.1	43.2	43.8	44.2	44.7	/	47.9	48.2	48.7
		S/T	0.85	0.97	0.98	0.99	0.63	0.81	0.96	0.98	0.43	0.60	0.76	0.93	/	0.39	0.55	0.68
		kW	2.41	2.44	2.46	2.47	2.46	2.48	2.50	2.52	2.53	2.56	2.59	2.62	/	3.03	3.06	3.08
	75	TC	39.5	40.0	40.9	41.3	40.7	41.2	41.8	42.3	43.5	44.0	44.4	44.8	/	47.5	47.9	48.2
		S/T	0.85	0.97	0.98	0.99	0.63	0.81	0.96	0.98	0.43	0.60	0.76	0.93	/	0.39	0.55	0.68
		kW	2.73	2.76	2.78	2.79	2.78	2.80	2.83	2.85	2.87	2.90	2.93	2.94	/	3.39	3.41	3.44
	85	TC	38.8	39.3	40.4	40.8	40.1	40.6	41.2	41.7	42.9	43.4	43.7	44.2	/	46.6	47.0	47.3
		S/T	0.85	0.97	0.98	0.99	0.63	0.81	0.96	0.98	0.43	0.60	0.76	0.93	/	0.39	0.55	0.68
		kW	3.04	3.07	3.09	3.10	3.09	3.12	3.14	3.16	3.20	3.23	3.24	3.27	/	3.83	3.85	3.87
	95	TC	38.4	38.9	39.9	40.3	39.7	40.1	40.7	41.2	42.3	42.8	43.4	43.6	/	45.5	45.9	46.2
		S/T	0.85	0.97	0.98	0.99	0.63	0.81	0.96	0.98	0.43	0.60	0.76	0.93	/	0.39	0.55	0.68
		kW	3.36	3.38	3.42	3.42	3.42	3.45	3.49	3.52	3.53	3.55	3.56	3.59	/	4.24	4.28	4.30
	105	TC	36.0	36.3	36.8	37.0	37.3	37.8	38.1	38.6	39.9	40.4	40.6	41.0	/	44.7	44.9	45.2
		S/T	0.85	0.97	0.98	1.00	0.63	0.81	0.96	0.98	0.43	0.60	0.76	0.93	/	0.40	0.56	0.70
		kW	4.00	4.01	4.04	4.04	4.08	4.12	4.15	4.18	4.19	4.23	4.26	4.28	/	4.64	4.66	4.68
	115	TC	32.7	33.3	33.7	34.3	34.6	35.1	35.7	36.3	36.9	37.3	37.7	38.1	/	39.2	39.4	39.5
		S/T	0.89	0.99	1.00	1.00	0.66	0.85	0.98	1.00	0.47	0.64	0.80	0.97	/	0.44	0.60	0.74
		kW	4.20	4.24	4.26	4.27	4.28	4.32	4.39	4.43	4.50	4.53	4.55	4.58	/	4.61	4.63	4.64
1580	65	TC	41.4	41.9	42.8	43.2	42.8	43.2	43.7	44.1	45.9	46.2	46.5	47.2	/	48.6	48.9	49.8
		S/T	0.87	0.99	1.00	1.00	0.65	0.83	0.98	1.00	0.45	0.62	0.78	0.95	/	0.41	0.57	0.71
		kW	2.71	2.74	2.77	2.78	2.77	2.78	2.81	2.84	2.86	2.89	2.91	2.93	/	3.36	3.38	3.37
	75	TC	41.6	42.0	43.0	43.4	43.0	43.4	43.9	44.4	45.8	46.2	46.7	47.1	/	48.5	48.8	49.2
		S/T	0.87	0.99	1.00	1.00	0.65	0.83	0.98	1.00	0.45	0.62	0.78	0.95	/	0.41	0.57	0.71
		kW	2.90	2.93	2.95	2.96	2.95	2.98	3.01	3.02	3.08	3.10	3.13	3.14	/	3.59	3.61	3.64
	85	TC	40.9	41.4	42.5	42.9	42.2	42.7	43.4	43.9	45.2	45.7	46.0	46.4	/	47.2	47.5	47.9
		S/T	0.87	0.99	1.00	1.00	0.65	0.83	0.98	1.00	0.45	0.62	0.78	0.95	/	0.41	0.57	0.71
		kW	3.30	3.33	3.36	3.37	3.36	3.38	3.41	3.44	3.48	3.51	3.53	3.55	/	3.95	3.98	4.01
	95	TC	40.1	40.6	41.6	42.0	41.4	41.9	42.5	43.0	44.3	44.8	45.2	45.6	/	46.8	47.1	47.5
		S/T	0.87	0.99	1.00	1.00	0.65	0.83	0.98	1.00	0.45	0.62	0.78	0.95	/	0.41	0.57	0.71
		kW	3.80	3.83	3.87	3.88	3.87	3.90	3.94	3.97	4.01	4.04	4.05	4.08	/	4.59	4.63	4.66
	105	TC	36.6	37.0	37.4	37.8	38.0	38.4	38.8	39.3	40.7	41.0	41.2	41.6	/	45.6	45.7	45.9
		S/T	0.88	1.00	1.00	1.00	0.66	0.84	0.99	1.00	0.46	0.63	0.79	0.96	/	0.42	0.58	0.72
		kW	4.05	4.07	4.09	4.11	4.14	4.18	4.23	4.25	4.26	4.27	4.30	4.33	/	4.69	4.70	4.73
	115	TC	33.6	34.0	34.3	34.8	35.3	35.9	36.4	37.0	37.6	38.0	38.4	38.8	/	39.7	40.2	40.4
		S/T	0.91	1.00	1.00	1.00	0.69	0.88	1.00	1.00	0.50	0.67	0.83	1.00	/	0.46	0.62	0.76
		kW	4.26	4.31	4.33	4.34	4.35	4.40	4.45	4.48	4.54	4.56	4.57	4.59	/	4.64	4.66	4.67
1780	65	TC	43.6	44.2	45.2	45.7	45.0	45.6	46.2	46.8	48.2	48.7	49.0	49.5	/	50.9	51.3	51.6
		S/T	0.90	0.99	1.00	1.00	0.68	0.86	1.00	1.00	0.48	0.65	0.81	0.98	/	0.44	0.60	0.74
		kW	2.76	2.78	2.81	2.81	2.83	2.84	2.86	2.89	2.90	2.93	2.94	2.97	/	3.41	3.44	3.47
	75	TC	43.2	43.8	44.8	45.3	44.6	45.2	45.8	46.3	47.7	48.3	48.7	49.2	/	50.2	50.6	50.9
		S/T	0.90	0.99	1.00	1.00	0.68	0.86	1.00	1.00	0.48	0.65	0.81	0.98	/	0.44	0.60	0.74
		kW	3.06	3.08	3.11	3.12	3.11	3.14	3.17	3.19	3.23	3.25	3.27	3.30	/	3.68	3.71	3.74
	85	TC	42.5	43.0	44.0	44.5	43.8	44.4	45.0	45.5	46.8	47.4	47.8	48.2	/	49.3	49.7	50.1
		S/T	0.90	0.99	1.00	1.00	0.68	0.86	1.00	1.00	0.48	0.65	0.81	0.98	/	0.44	0.60	0.74
		kW	3.47	3.50	3.53	3.54	3.53	3.56	3.59	3.62	3.66	3.68	3.70	3.73	/	4.15	4.18	4.21
	95	TC	41.5	42.0	43.1	43.5	42.9	43.4	44.0	44.5	45.9	46.3	46.8	47.2	/	48.4	48.7	49.0
		S/T	0.90	0.99	1.00	1.00	0.68	0.86	1.00	1.00	0.48	0.65	0.81	0.98	/	0.44	0.60	0.74
		kW	3.98	4.01	4.05	4.06	4.05	4.09	4.13	4.15	4.20	4.23	4.25	4.27	/	4.81	4.85	4.88
	105	TC	37.3	37.8	38.6	39.1	39.1	39.5	40.0	40.4	42.1	42.3	42.7	43.0	/	46.8	47.1	47.3
		S/T	0.91	1.00	1.00	1.00	0.69	0.87	1.00	1.00	0.49	0.66	0.82	0.99	/	0.45	0.61	0.75
		kW	4.14	4.19	4.23	4.23	4.23	4.27	4.32	4.36	4.38	4.41	4.45	4.47	/	4.76	4.78	4.80
	115	TC	35.4	35.8	36.7	37.1	36.5	36.9	37.5	38.0	39.2	39.6	39.8	40.0	/	40.7	40.8	41.1
		S/T	0.93	1.00	1.00	1.00	0.71	0.91	1.00	1.00	0.51	0.68	0.85	1.00	/	0.47	0.63	0.77
		kW	4.33	4.38	4.43	4.43	4.43	4.47	4.51	4.56	4.64	4.65	4.65	4.65	/	4.67	4.69	4.70

Table 13

TC refers to total capacity in kBTU/hr S/T: refer to the ratio of sensible heat and total capacity kW: refer to total input power

BOVB18-60 + BVA20-60 For Cooling																		
Indoor Airflow (CFM)	Outdoor DB (°F)	IWB (°F)	59				63				67				71			
		IDB (°F)	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
1150	65	TC	37.8	38.4	39.3	39.8	39.1	39.7	40.2	40.6	41.7	42.3	42.8	43.3	/	47.7	48.0	49.0
		S/T	0.81	0.92	0.94	0.97	0.60	0.79	0.94	0.94	0.41	0.58	0.73	0.88	/	0.36	0.54	0.68
		kW	2.31	2.35	2.38	2.38	2.40	2.42	2.44	2.46	2.53	2.56	2.58	2.60	/	3.15	3.18	3.20
	75	TC	37.6	38.2	39.1	39.5	38.9	39.4	40.0	40.4	41.4	42.1	42.4	43.0	/	47.5	47.8	48.3
		S/T	0.81	0.92	0.94	0.97	0.60	0.79	0.94	0.94	0.41	0.58	0.73	0.88	/	0.36	0.54	0.68
		kW	2.60	2.63	2.66	2.66	2.66	2.69	2.71	2.73	2.78	2.80	2.83	2.86	/	3.29	3.32	3.34
	85	TC	37.2	37.8	38.7	39.1	38.5	39.0	39.5	40.0	41.0	41.7	42.0	42.6	/	47.2	47.6	47.9
		S/T	0.81	0.92	0.94	0.97	0.60	0.79	0.94	0.94	0.41	0.58	0.73	0.88	/	0.36	0.54	0.68
		kW	2.90	2.93	2.96	2.96	2.96	2.98	3.01	3.03	3.10	3.12	3.14	3.15	/	3.69	3.72	3.74
	95	TC	36.8	37.4	38.0	38.4	38.1	38.5	39.0	39.4	40.6	41.0	41.3	41.7	/	46.4	46.8	47.2
		S/T	0.81	0.92	0.94	0.97	0.60	0.79	0.94	0.94	0.41	0.58	0.73	0.88	/	0.36	0.54	0.68
		kW	3.31	3.34	3.35	3.38	3.38	3.41	3.44	3.45	3.51	3.55	3.58	3.60	/	4.40	4.44	4.47
	105	TC	35.5	36.1	36.8	37.2	36.8	37.2	37.5	37.9	39.4	39.7	40.2	40.6	/	46.6	46.9	47.2
		S/T	0.83	0.93	0.95	0.97	0.62	0.81	0.94	0.95	0.43	0.59	0.74	0.90	/	0.37	0.56	0.70
		kW	3.80	3.84	3.88	3.89	3.88	3.91	3.97	3.99	4.02	4.06	4.08	4.11	/	4.91	4.94	5.00
	115	TC	34.5	34.9	35.7	36.1	35.7	36.1	36.5	36.9	38.3	38.5	38.9	39.2	/	40.3	40.4	40.7
		S/T	0.84	0.94	0.96	0.97	0.63	0.83	0.95	0.96	0.44	0.60	0.76	0.94	/	0.39	0.57	0.72
		kW	4.82	4.86	4.91	4.91	4.91	4.96	5.01	5.03	5.14	5.18	5.20	5.24	/	5.33	5.36	5.37
1310	65	TC	40.3	41.0	41.9	42.4	42.0	42.4	42.9	43.4	44.9	45.3	45.7	46.0	/	51.3	51.6	52.0
		S/T	0.81	0.92	0.94	0.97	0.60	0.79	0.94	0.94	0.41	0.58	0.73	0.88	/	0.36	0.54	0.68
		kW	3.00	3.03	3.06	3.06	3.05	3.08	3.10	3.13	3.28	3.30	3.33	3.36	/	3.61	3.64	3.68
	75	TC	40.3	40.8	41.8	42.2	42.0	42.4	43.0	43.6	44.9	45.7	46.1	46.4	/	50.9	51.2	51.6
		S/T	0.81	0.92	0.94	0.97	0.60	0.79	0.94	0.94	0.41	0.58	0.73	0.88	/	0.36	0.54	0.68
		kW	3.17	3.19	3.24	3.24	3.23	3.25	3.28	3.30	3.46	3.48	3.51	3.55	/	3.84	3.87	3.90
	85	TC	40.0	40.4	41.3	41.8	41.9	42.3	42.8	43.5	44.8	45.5	45.9	46.2	/	50.5	50.8	51.2
		S/T	0.81	0.92	0.94	0.97	0.60	0.79	0.94	0.94	0.41	0.58	0.73	0.88	/	0.36	0.54	0.68
		kW	3.54	3.57	3.59	3.61	3.60	3.62	3.65	3.69	3.80	3.83	3.85	3.88	/	4.18	4.21	4.24
	95	TC	39.5	40.1	41.0	41.5	41.8	42.2	42.8	43.4	44.5	45.3	45.8	46.2	/	50.0	50.4	50.8
		S/T	0.81	0.92	0.94	0.97	0.60	0.79	0.94	0.94	0.41	0.58	0.73	0.88	/	0.36	0.54	0.68
		kW	3.81	3.85	3.87	3.89	3.91	3.92	3.95	3.98	4.00	4.03	4.06	4.09	/	4.75	4.79	4.82
	105	TC	37.9	38.5	39.3	39.6	39.3	39.8	40.3	40.6	42.0	42.5	42.9	43.2	/	48.5	48.7	49.0
		S/T	0.83	0.93	0.95	0.97	0.62	0.81	0.94	0.95	0.43	0.59	0.74	0.90	/	0.37	0.56	0.70
		kW	4.46	4.50	4.54	4.56	4.55	4.59	4.65	4.68	4.70	4.74	4.77	4.80	/	5.32	5.37	5.40
	115	TC	35.1	35.5	36.3	36.7	36.6	37.0	37.5	37.9	38.7	39.0	39.3	39.7	/	40.8	41.0	41.2
		S/T	0.84	0.94	0.96	0.97	0.63	0.83	0.94	0.96	0.44	0.60	0.76	0.94	/	0.39	0.57	0.72
		kW	4.93	4.97	5.04	5.04	5.03	5.07	5.14	5.17	5.34	5.36	5.37	5.39	/	5.53	5.54	5.56
1480	65	TC	46.4	46.9	47.8	48.3	48.9	49.4	49.9	50.4	52.3	52.7	53.1	53.4	/	56.4	56.9	57.3
		S/T	0.82	0.93	0.95	0.97	0.61	0.80	0.94	0.95	0.42	0.59	0.74	0.89	/	0.38	0.56	0.70
		kW	3.54	3.56	3.59	3.59	3.70	3.73	3.76	3.78	3.78	3.81	3.85	3.88	/	4.00	4.04	4.07
	75	TC	45.8	46.4	47.4	47.9	48.7	49.3	49.7	50.2	52.1	52.6	52.9	53.2	/	55.9	56.3	56.6
		S/T	0.82	0.93	0.95	0.97	0.61	0.80	0.94	0.95	0.42	0.59	0.74	0.89	/	0.38	0.56	0.70
		kW	3.86	3.89	3.93	3.93	3.92	3.95	3.99	4.02	4.04	4.06	4.08	4.10	/	4.32	4.35	4.39
	85	TC	45.6	46.0	46.9	47.4	48.1	48.6	49.1	49.5	51.2	51.8	52.4	52.8	/	54.9	55.4	55.8
		S/T	0.82	0.93	0.95	0.97	0.61	0.80	0.94	0.95	0.42	0.59	0.74	0.89	/	0.38	0.56	0.70
		kW	4.33	4.35	4.37	4.39	4.39	4.44	4.47	4.50	4.58	4.61	4.63	4.66	/	4.86	4.91	4.93
	95	TC	44.3	45.1	45.9	46.6	47.6	48.2	48.7	49.2	50.8	51.4	52.0	52.7	/	53.5	53.9	54.3
		S/T	0.82	0.93	0.95	0.97	0.61	0.80	0.94	0.95	0.42	0.59	0.74	0.89	/	0.38	0.56	0.70
		kW	4.73	4.77	4.82	4.82	4.83	4.85	4.86	4.89	4.98	5.00	5.03	5.05	/	5.37	5.40	5.43
	105	TC	41.8	42.3	43.2	43.7	43.6	44.2	44.7	45.2	46.0	46.3	46.6	46.9	/	50.8	50.9	50.9
		S/T	0.84	0.94	0.96	0.97	0.63	0.82	0.95	0.96	0.44	0.60	0.75	0.91	/	0.39	0.57	0.72
		kW	5.15	5.20	5.22	5.25	5.26	5.30	5.36	5.40	5.42	5.47	5.51	5.54	/	6.02	6.04	6.04
	115	TC	35.7	36.1	36.8	37.3	37.1	37.6	38.0	38.4	39.4	39.9	40.3	40.5	/	41.5	41.8	42.0
		S/T	0.85	0.94	0.97	0.97	0.64	0.84	0.96	0.97	0.45	0.61	0.77	0.95	/	0.41	0.59	0.74
		kW	5.08	5.14	5.18	5.20	5.29	5.31	5.36	5.41	5.55	5.57	5.60	5.60	/	5.64	5.65	5.67
1720	65	TC	48.5	49.3	50.3	50.9	51.6	52.2	52.8	53.2	54.6	55.0	55.4	55.8	/	58.2	58.5	58.8
		S/T	0.83	0.94	0.96	0.97	0.62	0.81	0.95	0.96	0.43	0.60	0.75	0.90	/	0.40	0.57	0.72
		kW	3.71	3.74	3.76	3.77	3.78	3.81	3.85	3.88	3.93	3.96	4.00	4.03	/	4.39	4.43	4.47
	75	TC	48.3	48.8	49.9	50.4	51.4	51.9	52.5	53.1	54.4	54.8	55.2	55.6	/	57.7	58.0	58.3
		S/T	0.83	0.94	0.96	0.97	0.62	0.81	0.95	0.96	0.43	0.60	0.75	0.90	/	0.40	0.57	0.72
		kW	4.01	4.04	4.09	4.09	4.08	4.11	4.15	4.19	4.21	4.24	4.25	4.29	/	4.53	4.58	4.59
	85	TC	48.1	48.7	49.7	50.2	51.3	51.8	52.4	53.0	54.2	54.8	55.1	55.6	/	57.1	57.5	57.8
		S/T	0.83	0.94	0.96	0.97	0.62	0.81	0.95	0.96	0.43	0.60	0.75	0.90	/	0.40	0.57	0.72
		kW	4.53	4.55	4.59	4.61	4.71	4.76	4.80	4.83	4.85	4.88	4.92	4.95	/	5.09	5.13	5.16
	95	TC	47.7	48.3	49.1	49.9	51.2	51.8	52.3	52.8	54.2	54.8	55.0	55.5	/	56.3	56.6	56.9
		S/T	0.83	0.94	0.96	0.97	0.62	0.81	0.95	0.96	0.43	0.60	0.75	0.90	/	0.40	0.57	0.72
		kW	4.96	5.01	5.06	5.09	5.06	5.11	5.15	5.20	5.33	5.37	5.39	5.42	/	5.72	5.77	5.80
	105	TC	42.5	43.0	44.1	44.6	46.1	46.6	47.0	47.6	49.4	49.8	50.1	50.4	/	52.0	52.3	52.6
		S/T	0.85	0.94	0.97	0.97	0.64	0.83	0.96	0.97	0.45	0.61	0.76	0.92	/	0.41	0.59	0.74
		kW	5.49	5.54	5.59	5.61	5.72	5.77	5.83	5.88	5.91	5.96	5.99	6.02	/	6.20	6.21	6.22
	115	TC	37.2	37.6	38.4	38.8	38.4	38.8	39.3	39.8	41.4	41.7	41.9	42.2	/	43.2	43.3	43.5
		S/T	0.86	0.95	0.97	0.97	0.65	0.85	0.97	0.97	0.46	0.62	0.78	0.96	/	0.43	0.61	0.76
		kW	5.22	5.27	5.29	5.32	5.38	5.43	5.48	5.53	5.65	5.67	5.69	5.71	/	5.84	5.85	5.86
1880	65	TC	50.8	51.4	52.1	52.9	53.0	53.4	54.0	54.6	56.5	56.8	57.1	57.5	/	59.9	60.3	60.6
		S/T	0.84	0.94	0.97	0.97	0.63	0.82	0.96	0.97	0.44	0.61	0.76	0.91	/	0.41	0.58	0.73
		kW	3.94	3.98	4.01	4.01	4.01	4.05	4.08	4.13	4.13	4.16	4.19	4.23	/	4.67	4.70	4.74
	75	TC	50.3	51.1	52.0	52.6	52.7	53.2	53.8	54.4	56.6	56.9	57.3	57.7	/	59.4	59.8	60.3
		S/T	0.84	0.94	0.97	0.97	0.63	0.82	0.96	0.97	0.44	0.61	0.76	0.91	/	0.41	0.58	0.73
		kW	4.25	4.30	4.34	4.34	4.33	4.37	4.40	4.45	4.48	4.50	4.52	4.55	/	4.93	4.96	4.99
	85	TC	49.5	50.1	51.1	51.7	51.8	52.4	52.9	53.5	55.4	55.8	56.3	56.8	/	58.5	58.9	59.2
		S/T	0.84	0.94	0.97	0.97	0.63	0.82	0.96	0.97	0.44	0.61	0.76	0.91	/	0.41	0.58	0.73
		kW	4.75	4.79	4.83	4.83	4.85	4.88	4.92	4.96	4.98	5.01	5.05	5.08	/	5.41	5.44	5.48
	95	TC	48.5	49.0	50.1	50.6	51.6	52.1	52.7	53.2	55.3	55.7	56.0	56.3	/	57.2	57.6	57.8
		S/T	0.84	0.94	0.97	0.97	0.63	0.82	0.96	0.97	0.44	0.61	0.76	0.91	/	0.41	0.58	0.73
		kW	5.05	5.10	5.12	5.14	5.09	5.14	5.20	5.24	5.39	5.42	5.45	5.49	/	5.80	5.83	5.87
	105	TC	43.8	44.3	45.3	45.8	48.1	48.6	49.1	49.6	51.6	51.9	52.2	52.6	/	53.0	53.2	53.5
		S/T	0.86	0.94	0.97	0.97	0.65	0.84	0.97	0.97	0.46	0.62	0.77	0.93	/	0.42	0.60	0.75
		kW	5.64	5.69	5.74	5.76	5.88	5.94	6.00	6.06	6.10	6.13	6.18	6.21	/	6.24	6.25	6.27
	115	TC	38.0	38.4	38.9	39.4	38.9	39.4	39.8	40.3	41.9	42.3	42.5	42.6	/	43.9	44.1	44.2
		S/T	0.87	0.95	0.97	0.97	0.66	0.86	0.97	0.97	0.47	0.63	0.79	0.97	/	0.44	0.62	0.77
		kW	5.38	5.41	5.44	5.47	5.51	5.59	5.64	5.69	5.77	5.78	5.80	5.81	/	5.92	5.94	5.96

Table 14

TC refers to total capacity in kBTU/hr S/T: refer to the ratio of sensible heat and total capacity kW: refer to total input power

BOVB18-36 + BVA20-24 for Heating																		
Airflow (CFM)	ID (°F)	OD (°F)	86	72	67	62	57	52	47	42	37	32	27	22	17	12	7	5
550	60	TC	26.8	26.0	26.0	26.0	25.8	25.4	25.2	24.0	24.0	24.5	24.0	23.0	22.9	21.2	20.3	19.3
		kW	2.04	2.09	2.11	2.31	2.49	2.57	2.63	2.54	2.69	2.55	2.75	2.57	2.52	2.41	2.41	2.32
	70	TC	19.9	19.3	19.3	19.3	19.2	19.2	19.2	18.4	18.3	18.3	18.2	18.2	17.5	16.4	15.6	15.4
		kW	1.43	1.60	1.59	1.76	1.77	1.87	1.88	1.81	1.95	2.07	2.14	2.48	2.43	2.75	2.69	2.58
	75	TC	16.7	16.2	16.1	16.1	16.0	16.0	15.9	15.3	15.3	15.2	15.2	15.2	15.2	15.1	15.1	15.1
		kW	1.41	1.43	1.47	1.55	1.64	1.72	1.79	1.82	1.88	1.98	2.05	2.31	2.26	2.30	2.45	2.56
	80	TC	13.2	12.8	12.8	12.7	12.7	12.7	12.7	12.1	12.1	12.1	12.0	12.0	12.0	12.0	12.0	11.9
		kW	1.22	1.27	1.28	1.30	1.40	1.47	1.56	1.66	1.79	1.84	1.92	2.20	2.16	2.27	2.35	2.18
620	60	TC	28.0	27.0	26.7	26.4	26.2	25.9	25.7	25.6	25.6	24.4	24.2	22.8	22.7	21.5	20.4	19.5
		kW	2.09	2.22	2.22	2.37	2.56	2.57	2.74	2.67	2.82	2.62	2.80	2.69	2.57	2.68	2.58	2.48
	70	TC	20.7	20.1	20.1	20.0	20.0	19.9	19.8	18.9	18.8	18.8	18.5	18.4	18.1	17.1	16.3	15.9
		kW	1.44	1.62	1.64	1.80	1.81	1.92	1.94	1.87	1.98	2.12	2.23	2.56	2.51	2.77	2.75	2.64
	75	TC	17.0	16.5	16.5	16.4	16.4	16.4	16.3	15.6	15.6	15.6	15.6	15.5	15.6	15.4	15.4	15.3
		kW	1.41	1.43	1.50	1.59	1.65	1.74	1.80	1.81	1.87	1.98	2.04	2.31	2.26	2.31	2.46	2.58
	80	TC	13.5	13.1	13.0	13.0	13.0	13.0	13.0	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.3
		kW	1.28	1.31	1.33	1.40	1.43	1.56	1.66	1.68	1.84	1.88	1.96	2.24	2.20	2.29	2.41	2.33
680	60	TC	29.8	28.9	28.4	28.4	28.4	28.3	28.2	27.6	26.4	24.9	24.8	23.3	23.2	22.0	21.1	20.0
		kW	2.14	2.35	2.43	2.57	2.64	2.71	2.86	2.80	2.84	2.68	2.82	2.72	2.66	2.66	2.57	2.47
	70	TC	22.8	22.1	22.1	22.0	22.0	21.9	21.9	21.0	20.9	20.9	20.7	20.2	20.0	18.8	18.0	17.6
		kW	1.48	1.69	1.78	1.90	1.97	2.05	2.09	2.04	2.18	2.30	2.47	2.84	2.78	2.82	2.71	2.63
	75	TC	18.7	18.2	18.2	18.1	18.1	18.1	18.1	17.3	17.3	17.2	17.2	17.2	17.1	17.1	17.0	16.1
		kW	1.51	1.54	1.62	1.71	1.78	1.88	1.94	1.96	2.07	2.14	2.25	2.50	2.45	2.54	2.70	2.68
	80	TC	14.8	14.4	14.3	14.3	14.3	14.3	14.3	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.6	13.5
		kW	1.36	1.41	1.42	1.50	1.54	1.67	1.80	1.80	1.90	1.96	2.04	2.38	2.33	2.42	2.48	2.39
720	60	TC	32.7	31.7	31.2	31.2	31.2	30.9	30.9	28.2	26.8	25.6	25.5	23.9	23.5	22.3	21.3	20.3
		kW	2.31	2.61	2.63	2.79	2.86	2.86	3.02	2.86	2.88	2.78	2.85	2.82	2.76	2.66	2.57	2.48
	70	TC	24.9	24.2	24.2	24.1	24.1	24.0	24.0	22.9	22.9	22.8	22.8	22.1	21.0	20.5	19.6	18.7
		kW	1.62	1.78	1.88	2.00	2.13	2.16	2.20	2.23	2.37	2.53	2.73	2.89	2.85	2.85	2.74	2.64
	75	TC	20.5	19.9	19.8	19.8	19.7	19.7	19.7	18.8	18.8	18.8	18.8	18.8	18.7	18.7	18.1	16.6
		kW	1.56	1.66	1.74	1.85	1.92	2.02	2.05	2.12	2.23	2.31	2.44	2.72	2.67	2.78	2.85	2.78
	80	TC	16.3	15.8	15.7	15.7	15.7	15.7	15.6	15.0	15.0	15.0	15.0	15.0	15.0	15.0	14.9	14.9
		kW	1.45	1.51	1.54	1.62	1.65	1.70	1.70	1.92	1.92	1.99	2.03	2.44	2.40	2.47	2.50	2.61
960	60	TC	37.6	36.5	36.4	36.3	35.5	33.3	31.5	29.1	27.5	26.6	26.1	24.7	25.2	23.9	22.8	21.8
		kW	2.63	2.86	2.92	3.14	3.21	3.15	3.15	2.93	2.83	2.82	2.88	3.07	3.01	2.93	2.83	2.76
	70	TC	29.5	28.6	28.6	28.3	28.3	28.2	28.0	26.6	26.3	25.5	25.2	23.7	23.4	22.8	21.7	20.6
		kW	2.04	2.15	2.30	2.44	2.56	2.63	2.67	2.73	2.85	2.81	3.09	3.00	2.89	2.90	2.80	2.71
	75	TC	24.7	24.0	23.9	23.9	23.7	23.7	23.4	22.4	22.4	22.3	22.3	22.3	21.7	20.1	18.7	17.1
		kW	1.95	1.98	2.09	2.22	2.29	2.47	2.51	2.53	2.66	2.76	2.93	3.22	3.16	3.00	2.90	2.80
	80	TC	19.7	19.0	19.0	18.9	18.8	18.8	18.8	18.0	18.0	18.0	17.9	17.9	17.8	17.8	17.8	16.9
		kW	1.73	1.79	1.83	1.92	1.99	2.04	2.04	2.26	2.32	2.39	2.46	2.86	2.81	2.95	2.86	2.79

Table 15

TC refers to total capacity in kBTU/hr kW: refer to total input power

BOVB18-36 + BVA20-36 For Heating																		
Airflow (CFM)	ID (°F)	OD (°F)	86	72	67	62	57	52	47	42	37	32	27	22	17	12	7	5
700	60	TC	30.5	29.6	29.6	29.6	29.4	28.8	28.5	27.4	27.4	27.1	27.1	25.8	25.1	23.2	21.4	19.6
		kW	2.24	2.36	2.42	2.62	2.80	2.88	2.97	2.66	2.80	2.81	2.95	2.77	2.71	2.62	2.62	2.53
	70	TC	23.5	22.9	22.7	22.7	22.7	22.7	22.7	21.7	21.6	21.5	21.4	21.4	21.5	21.5	20.5	18.7
		kW	1.65	1.81	1.84	2.01	2.03	2.16	2.20	2.04	2.17	2.24	2.27	2.71	2.66	2.96	2.92	2.82
	75	TC	20.0	19.4	19.3	19.3	19.3	19.3	19.2	18.4	18.4	18.3	18.3	18.1	18.1	18.1	18.1	18.1
		kW	1.54	1.63	1.66	1.77	1.89	1.97	2.06	1.88	1.94	2.05	2.17	2.41	2.36	2.49	2.69	2.87
	80	TC	16.4	15.9	15.9	15.8	15.8	15.8	15.8	15.1	15.1	15.1	15.0	15.0	15.0	14.8	14.8	14.8
		kW	1.37	1.43	1.45	1.49	1.59	1.68	1.79	1.73	1.83	1.89	1.97	2.27	2.23	2.34	2.50	2.46
820	60	TC	35.0	34.0	33.5	33.2	33.2	33.1	33.1	32.1	31.4	29.6	29.1	27.3	25.3	23.5	21.8	20.2
		kW	2.58	2.80	2.86	3.01	3.11	3.15	3.33	3.11	3.19	3.07	3.10	2.96	2.93	2.84	2.76	2.69
	70	TC	27.5	26.7	26.7	26.6	26.6	26.6	26.5	25.2	25.2	25.2	25.2	24.5	23.9	23.1	21.2	19.7
		kW	1.82	1.95	2.09	2.24	2.32	2.42	2.56	2.31	2.49	2.61	2.75	3.12	3.06	3.06	2.95	2.87
	75	TC	23.2	22.6	22.5	22.5	22.4	22.3	22.3	21.2	21.3	21.1	21.1	21.2	21.1	21.1	21.1	19.2
		kW	1.70	1.84	1.94	2.06	2.14	2.25	2.29	2.05	2.23	2.29	2.45	2.78	2.72	2.88	2.89	2.80
	80	TC	19.1	18.5	18.4	18.4	18.4	18.3	18.3	17.6	17.5	17.5	17.5	17.5	17.3	17.3	17.3	17.4
		kW	1.42	1.66	1.70	1.80	1.85	1.90	1.92	1.93	1.94	2.01	2.08	2.45	2.40	2.56	2.65	2.82
960	60	TC	42.0	40.5	40.0	39.9	39.9	39.8	38.2	34.1	32.1	30.7	29.4	27.9	26.6	24.9	23.2	21.5
		kW	2.66	2.88	3.05	3.29	3.53	3.79	3.81	3.13	3.04	2.93	2.97	2.86	2.79	2.81	2.74	2.67
	70	TC	32.9	32.0	32.0	31.9	31.8	31.5	31.4	29.9	29.9	29.4	28.3	26.2	24.3	23.6	22.7	21.7
		kW	2.09	2.42	2.52	2.72	2.81	2.93	3.09	2.67	2.86	3.03	3.26	3.17	3.00	2.91	2.83	2.75
	75	TC	27.3	26.5	26.4	26.4	26.4	26.4	26.4	24.7	24.5	24.5	24.0	23.9	23.6	23.0	21.2	19.7
		kW	1.81	2.16	2.28	2.31	2.35	2.51	2.57	2.21	2.38	2.51	2.70	3.09	3.03	2.94	2.90	2.82
	80	TC	22.8	22.2	22.1	22.1	22.1	22.0	22.0	21.0	21.0	21.0	20.8	20.8	20.8	20.8	20.8	19.4
		kW	1.46	1.60	1.68	1.80	1.93	2.04	2.14	1.93	2.10	2.19	2.29	2.62	2.56	2.66	2.89	2.88
1150	60	TC	46.8	45.3	44.8	44.7	43.5	41.0	38.7	34.7	32.6	31.4	30.4	28.4	27.4	25.5	23.7	22.1
		kW	3.22	3.81	3.87	4.01	4.10	4.01	3.97	3.19	3.06	2.97	2.99	2.88	2.87	2.81	2.74	2.68
	70	TC	36.7	35.5	35.3	35.2	35.2	35.2	35.0	33.3	31.8	29.9	28.6	26.7	25.0	24.8	23.0	21.9
		kW	2.44	2.71	2.80	2.94	3.03	3.15	3.21	3.06	3.07	3.05	3.22	3.15	2.98	2.91	2.83	2.76
	75	TC	30.6	29.7	29.6	29.4	29.6	29.5	29.1	27.7	27.6	27.6	27.1	26.1	24.0	23.4	21.5	19.9
		kW	2.01	2.42	2.53	2.56	2.66	2.76	2.83	2.53	2.71	2.86	3.10	3.13	3.01	2.93	2.84	2.77
	80	TC	25.5	24.8	24.7	24.7	24.7	24.7	24.6	23.6	23.3	23.3	23.2	23.3	23.3	23.3	21.6	19.6
		kW	1.52	1.74	1.84	1.97	2.10	2.24	2.39	2.22	2.31	2.43	2.59	2.96	2.90	3.03	2.96	2.87
1300	60	TC	50.6	49.1	48.3	45.4	43.8	41.7	39.5	35.6	33.1	31.9	30.9	29.0	28.0	25.9	24.1	22.5
		kW	3.46	4.10	4.18	4.10	4.08	4.00	3.86	3.19	3.08	2.99	3.01	3.10	3.00	2.95	2.88	2.82
	70	TC	40.3	39.1	39.0	38.7	38.7	38.6	38.2	34.4	32.5	30.5	29.7	28.1	27.1	25.6	23.8	22.2
		kW	2.66	2.97	3.08	3.31	3.46	3.71	3.83	3.21	3.15	3.05	3.24	3.26	3.20	3.13	2.97	2.90
	75	TC	34.3	33.3	33.2	33.2	32.8	32.8	32.7	31.2	30.9	29.2	28.6	27.0	25.2	23.8	21.8	20.4
		kW	2.29	2.72	2.85	2.94	2.95	3.14	3.25	2.91	3.11	3.03	3.28	3.25	3.13	2.96	2.89	2.82
	80	TC	28.5	27.7	27.6	27.5	27.5	27.5	27.4	26.0	25.6	25.4	25.0	24.7	24.7	23.5	21.8	20.1
		kW	1.77	2.01	2.11	2.26	2.39	2.58	2.75	2.38	2.55	2.77	2.96	3.22	3.16	3.08	3.00	2.92

Table 16

TC refers to total capacity in kBTU/hr kW: refer to total input power

BOVB18-60 + BVA20-36 For Heating																		
Airflow (CFM)	ID (°F)	OD (°F)	86	72	67	62	57	52	47	42	37	32	27	22	17	12	7	5
700	60	TC	29.5	29.8	29.8	29.8	29.6	29.0	28.7	29.3	29.3	28.9	28.9	26.2	26.5	24.6	22.6	20.8
		kW	2.33	2.44	2.55	2.76	2.97	3.08	2.86	2.91	3.10	3.18	3.36	3.15	3.09	2.98	2.98	2.88
	70	TC	23.2	23.0	22.7	22.7	22.7	22.7	22.7	23.1	23.0	22.9	22.8	21.7	22.7	22.7	21.7	19.8
		kW	1.70	1.91	1.91	2.12	2.12	2.23	2.12	2.27	2.46	2.54	2.52	3.04	2.98	3.39	3.29	3.19
	75	TC	19.7	19.6	19.5	19.5	19.5	19.5	19.3	19.6	19.6	19.5	19.5	18.3	19.1	19.1	19.1	19.1
		kW	1.59	1.70	1.80	1.91	2.02	2.12	2.02	2.05	2.14	2.33	2.41	2.73	2.67	2.78	2.98	3.29
	80	TC	16.1	16.0	16.0	15.9	15.9	15.9	15.9	16.2	16.1	16.1	16.0	15.2	15.8	15.6	15.6	15.6
		kW	1.49	1.49	1.49	1.59	1.70	1.80	1.70	1.94	2.03	2.12	2.20	2.52	2.47	2.67	2.78	2.78
820	60	TC	34.5	34.2	33.7	33.3	33.3	33.2	33.2	34.3	33.5	31.7	31.2	27.7	26.8	24.9	23.0	21.4
		kW	2.76	2.97	2.97	3.18	3.29	3.29	3.18	3.45	3.53	3.39	3.46	3.32	3.29	3.19	3.09	2.98
	70	TC	27.1	26.9	26.9	26.8	26.8	26.8	26.7	27.0	27.0	27.0	27.0	24.8	25.3	24.5	22.4	20.9
		kW	1.91	2.02	2.23	2.33	2.44	2.55	2.44	2.59	2.78	2.97	3.04	3.57	3.50	3.50	3.29	3.29
	75	TC	22.9	22.6	22.5	22.5	22.4	22.3	22.3	22.6	22.7	22.5	22.5	21.5	22.3	22.3	22.3	20.4
		kW	1.80	1.91	2.02	2.12	2.23	2.33	2.23	2.27	2.46	2.54	2.73	3.15	3.09	3.29	3.29	3.19
	80	TC	18.8	18.6	18.5	18.5	18.5	18.4	18.4	18.8	18.7	18.7	18.7	17.7	18.3	18.3	18.3	18.4
		kW	1.49	1.80	1.80	1.91	1.91	2.02	1.80	2.16	2.14	2.22	2.31	2.73	2.67	2.88	2.98	3.19
960	60	TC	41.3	40.7	40.1	40.0	40.0	39.9	38.5	35.4	33.3	31.8	30.6	27.5	27.4	25.5	23.9	22.0
		kW	2.76	3.08	3.18	3.50	3.71	4.03	3.61	3.45	3.42	3.28	3.36	3.22	3.19	3.19	3.09	2.98
	70	TC	32.4	32.1	32.1	32.0	31.9	31.6	31.5	31.1	31.1	30.6	29.3	25.8	25.0	24.3	23.4	22.2
		kW	2.23	2.55	2.65	2.86	2.97	3.08	2.97	3.02	3.21	3.39	3.67	3.53	3.39	3.29	3.19	3.09
	75	TC	26.9	26.7	26.6	26.6	26.6	26.6	26.6	25.6	25.4	25.4	24.9	23.6	24.3	23.7	21.7	20.3
		kW	1.91	2.23	2.44	2.44	2.44	2.65	2.44	2.48	2.67	2.86	3.04	3.46	3.39	3.29	3.29	3.19
	80	TC	22.5	22.2	22.1	22.1	22.1	22.0	22.0	21.8	21.8	21.8	21.6	20.5	21.4	21.4	21.4	20.0
		kW	1.59	1.70	1.80	1.91	2.02	2.12	2.02	2.16	2.35	2.44	2.52	2.94	2.88	2.98	3.29	3.29
1150	60	TC	46.1	45.6	45.1	45.0	43.7	41.2	39.0	36.0	33.9	32.5	31.5	28.0	28.2	26.2	24.4	22.7
		kW	3.39	4.03	4.03	4.24	4.35	4.24	3.82	3.56	3.42	3.28	3.36	3.36	3.29	3.19	3.09	2.98
	70	TC	36.1	35.7	35.5	35.4	35.4	35.4	35.2	34.6	32.9	31.1	29.7	26.3	25.6	25.4	23.7	22.5
		kW	2.55	2.86	2.97	3.08	3.18	3.29	3.03	3.45	3.42	3.39	3.57	3.53	3.04	3.29	3.19	3.09
	75	TC	30.2	30.0	29.8	29.6	29.8	29.7	29.3	28.7	28.6	28.6	28.1	25.7	24.7	24.1	22.0	20.5
		kW	2.12	2.55	2.65	2.65	2.76	2.97	2.76	2.81	2.99	3.18	3.46	3.53	3.39	3.29	3.19	3.09
	80	TC	25.1	24.9	24.8	24.8	24.8	24.8	24.7	24.5	24.2	24.2	24.1	23.0	24.0	24.0	22.1	20.2
		kW	1.59	1.80	1.91	2.12	2.23	2.33	2.33	2.48	2.57	2.75	2.94	3.36	3.29	3.39	3.39	3.29
1300	60	TC	49.9	49.3	48.5	45.7	44.1	41.9	39.6	36.9	34.4	33.0	32.0	28.6	28.7	26.7	24.8	23.2
		kW	3.61	4.35	4.46	4.35	4.35	4.24	3.71	3.56	3.42	3.39	3.36	3.53	3.39	3.29	3.29	3.19
	70	TC	39.8	39.4	39.3	39.0	39.0	38.9	38.5	35.7	33.8	31.6	30.9	27.7	27.9	26.3	24.5	22.8
		kW	2.76	3.18	3.29	3.50	3.61	3.93	3.71	3.56	3.53	3.39	3.67	3.64	3.60	3.50	3.39	3.29
	75	TC	33.8	33.5	33.3	33.3	32.9	32.9	32.8	32.3	32.0	30.4	29.7	26.7	25.9	24.5	22.4	21.0
		kW	2.44	2.86	2.97	3.08	3.08	3.29	3.08	3.24	3.53	3.39	3.67	3.64	3.50	3.39	3.29	3.19
	80	TC	28.1	27.9	27.8	27.7	27.7	27.7	27.6	27.0	26.7	26.5	25.9	24.3	25.3	24.2	22.3	20.7
		kW	1.91	2.12	2.23	2.44	2.55	2.76	2.65	2.70	2.89	3.07	3.36	3.67	3.60	3.50	3.39	3.29

Table 17

TC refers to total capacity in kBTU/hr kW: refer to total input power

BOVB18-60 + BVA20-48 For Heating																		
Airflow (CFM)	ID (°F)	OD (°F)	86	72	67	62	57	52	47	42	37	32	27	22	17	12	7	5
1120	60	TC	48.6	48.6	48.6	48.5	48.5	48.5	48.2	46.8	45.9	43.1	40.4	39.1	39.0	37.6	35.9	34.1
		kW	1.86	2.26	2.47	2.68	2.91	3.14	3.39	3.90	4.10	4.30	4.51	4.74	4.98	5.23	5.49	5.76
	70	TC	37.4	37.4	37.3	37.4	37.3	37.3	37.3	38.4	38.6	38.4	36.5	35.3	35.3	34.0	32.4	30.9
		kW	1.48	1.77	1.89	2.03	2.22	2.37	2.58	2.97	3.24	3.44	3.62	3.96	4.13	4.02	3.94	3.88
	75	TC	31.6	31.6	31.5	31.5	31.5	31.5	31.4	32.4	32.6	32.6	32.6	32.4	33.7	33.6	31.9	30.1
		kW	1.28	1.54	1.63	1.75	1.89	2.01	2.15	2.50	2.72	2.90	3.15	3.36	3.77	4.08	4.32	4.16
	80	TC	26.0	26.0	26.0	26.0	26.0	26.0	25.9	26.8	26.9	26.9	26.9	26.9	28.0	27.7	27.7	27.7
		kW	1.10	1.32	1.41	1.49	1.62	1.71	1.84	2.07	2.24	2.40	2.57	2.77	3.10	3.31	3.59	3.92
1240	60	TC	52.2	52.2	52.1	52.0	52.0	51.7	51.8	50.2	46.4	43.4	41.3	39.9	39.9	38.5	36.8	34.9
		kW	1.96	2.51	2.69	2.92	3.16	3.40	3.70	3.84	3.70	3.55	3.74	4.09	4.26	4.15	4.08	4.00
	70	TC	40.2	40.1	40.1	40.1	40.0	39.9	39.9	41.2	41.2	41.2	39.2	37.9	37.8	36.6	34.8	33.1
		kW	1.54	1.93	2.04	2.22	2.38	2.57	2.79	3.21	3.48	3.75	3.93	4.31	4.50	4.38	4.30	4.22
	75	TC	33.8	33.8	33.7	33.7	33.7	33.7	33.6	34.7	34.8	34.8	34.7	34.7	36.2	34.4	32.9	31.2
		kW	1.35	1.67	1.75	1.87	2.02	2.15	2.37	2.69	2.93	3.12	3.38	3.63	4.09	4.13	4.01	3.93
	80	TC	27.9	27.9	27.8	27.8	27.8	27.8	27.8	28.7	28.6	28.6	28.6	28.6	29.9	29.7	29.8	29.7
		kW	1.20	1.43	1.51	1.60	1.73	1.83	1.96	2.22	2.43	2.57	2.78	2.98	3.32	3.57	3.88	4.25
1420	60	TC	57.4	57.4	57.4	57.2	57.1	56.5	53.6	50.6	47.0	43.9	41.7	40.4	40.3	38.9	37.1	35.3
		kW	2.19	2.88	3.07	3.31	3.58	3.79	3.74	3.78	3.67	3.57	3.75	4.11	4.28	4.17	4.10	4.02
	70	TC	44.3	44.3	44.2	44.1	44.1	44.0	43.9	45.4	45.4	43.0	40.8	39.6	39.4	38.1	36.3	34.5
		kW	1.74	2.16	2.31	2.49	2.70	2.90	3.17	3.63	3.94	3.89	4.08	4.47	4.66	4.54	4.46	4.38
	75	TC	37.3	37.3	37.2	37.2	37.0	37.1	37.1	38.3	38.3	38.3	38.3	38.3	39.4	37.4	35.9	33.9
		kW	1.51	1.87	1.97	2.10	2.25	2.44	2.65	3.03	3.28	3.50	3.82	4.11	4.60	4.65	4.51	4.42
	80	TC	30.7	30.7	30.6	30.6	30.6	30.6	30.5	31.6	31.6	31.6	31.6	31.6	32.8	32.8	32.8	30.5
		kW	1.34	1.61	1.69	1.79	1.93	2.05	2.19	2.52	2.72	2.89	3.13	3.34	3.72	4.02	4.38	4.48
1580	60	TC	62.8	62.6	62.6	62.6	60.8	57.4	54.4	45.8	42.2	39.1	37.1	35.9	40.5	39.1	37.2	35.4
		kW	2.54	3.25	3.47	3.76	3.87	3.77	3.73	4.21	4.07	3.97	4.16	4.56	4.30	4.19	4.11	4.04
	70	TC	48.5	48.5	48.5	48.3	48.3	48.2	48.0	49.7	46.5	43.6	41.5	40.1	40.0	38.6	36.9	35.0
		kW	1.97	2.44	2.62	2.82	3.05	3.27	3.52	4.07	4.02	3.91	4.11	4.50	4.69	4.56	4.49	4.40
	75	TC	40.9	40.9	40.9	40.8	40.8	40.7	40.6	42.0	42.0	41.9	41.9	39.6	39.9	37.9	36.3	34.3
		kW	1.71	2.10	2.22	2.39	2.57	2.75	2.97	3.40	3.68	3.94	4.31	4.57	4.62	4.67	4.53	4.44
	80	TC	33.8	33.7	33.6	33.6	33.6	33.6	33.5	34.6	34.7	34.7	34.6	34.6	36.1	36.1	33.9	31.1
		kW	1.51	1.82	1.90	2.01	2.16	2.29	2.50	2.83	3.05	3.25	3.49	3.74	4.18	4.53	4.52	4.61
1780	60	TC	67.4	67.4	67.4	64.6	61.5	57.9	54.6	51.5	47.6	44.9	42.7	41.4	41.3	39.9	37.9	36.1
		kW	3.19	3.58	3.86	3.87	3.82	3.74	3.69	3.76	3.66	3.60	3.77	4.14	4.73	4.60	4.51	4.44
	70	TC	52.4	52.4	52.4	52.3	52.3	51.8	51.8	50.9	47.0	44.0	41.7	40.4	40.4	39.0	37.1	35.3
		kW	2.49	2.68	2.91	3.13	3.37	3.59	3.88	4.13	4.10	4.09	4.29	4.71	5.38	5.24	5.14	5.05
	75	TC	44.4	44.4	44.4	44.3	44.3	44.2	44.0	45.4	45.4	44.4	43.3	40.5	40.2	38.1	36.6	34.5
		kW	2.12	2.29	2.46	2.63	2.85	3.04	3.27	3.75	4.06	4.08	4.69	4.56	5.07	5.12	4.97	4.86
	80	TC	36.6	36.6	36.6	36.6	36.6	36.5	36.4	37.6	37.8	37.7	37.5	37.5	39.1	37.1	34.3	31.4
		kW	1.72	1.97	2.08	2.22	2.37	2.55	2.73	3.12	3.37	3.54	3.85	4.13	5.08	5.12	4.96	5.07

Table 18

TC refers to total capacity in kBTU/hr kW: refer to total input power

BOVB18-60 + BVA20-60 for Heating																		
Airflow (CFM)	ID (°F)	OD (°F)	86	72	67	62	57	52	47	42	37	32	27	22	17	12	7	5
1150	60	TC	55.5	55.5	55.5	55.4	55.4	55.1	54.9	54.9	54.3	50.8	48.2	44.1	41.3	39.3	38.1	35.5
		kW	2.26	2.65	2.91	3.17	3.45	3.69	4.03	4.45	4.83	5.07	5.44	5.63	5.91	6.21	6.52	6.84
	70	TC	41.8	41.8	41.7	41.7	41.6	41.6	41.5	41.4	41.4	41.2	39.1	36.7	34.2	33.3	32.6	31.9
		kW	1.86	2.00	2.16	2.32	2.51	2.71	2.98	3.25	3.51	3.78	3.89	4.00	4.04	3.97	3.90	3.81
	75	TC	34.6	34.6	34.6	34.5	34.5	34.5	34.4	34.3	34.3	34.3	34.2	34.0	34.0	32.4	31.0	29.2
		kW	1.64	1.71	1.83	1.96	2.13	2.27	2.44	2.64	2.92	3.13	3.42	3.61	3.89	3.89	3.73	3.62
	80	TC	27.8	27.8	27.8	27.8	27.8	27.7	27.7	27.6	27.5	27.5	27.5	27.5	27.5	27.4	27.3	27.3
		kW	1.38	1.46	1.55	1.65	1.77	1.88	2.04	2.18	2.36	2.50	2.71	2.89	3.11	3.32	3.60	3.93
1310	60	TC	60.9	60.9	60.9	60.5	60.3	60.2	60.1	59.5	54.9	51.4	48.7	44.5	42.2	41.5	39.0	35.9
		kW	2.40	3.01	3.29	3.53	3.84	4.15	4.52	4.93	4.74	4.60	5.73	5.54	5.35	5.18	5.00	4.83
	70	TC	45.8	45.8	45.8	45.8	45.7	45.7	45.6	45.4	45.2	45.2	42.9	40.2	37.5	36.6	35.7	33.4
		kW	1.79	2.22	2.39	2.59	2.81	3.06	3.33	3.63	3.93	4.24	4.69	5.07	5.53	5.61	5.41	5.22
	75	TC	38.0	38.0	38.0	38.0	37.9	37.9	37.8	37.8	37.8	37.8	37.4	37.5	37.4	36.4	35.1	32.8
		kW	1.65	1.89	2.02	2.18	2.34	2.51	2.69	3.00	3.25	3.48	3.76	4.04	4.36	5.61	5.41	5.22
	80	TC	30.5	30.5	30.5	30.5	30.5	30.4	30.5	30.5	30.4	30.4	30.4	30.4	30.1	30.0	30.0	30.0
		kW	1.46	1.59	1.71	1.82	1.95	2.10	2.24	2.40	2.61	2.77	3.02	3.22	3.41	3.69	4.01	4.41
1480	60	TC	67.5	67.5	67.0	67.0	66.9	66.8	66.0	60.3	55.4	51.8	51.1	51.5	48.0	44.6	41.2	37.8
		kW	2.71	3.54	3.75	4.09	4.42	4.80	5.05	4.85	4.68	4.56	5.44	5.48	5.31	5.15	4.98	4.82
	70	TC	50.9	50.9	50.9	50.9	50.9	50.8	50.4	50.4	50.3	50.3	47.8	44.8	41.7	40.7	39.7	37.1
		kW	2.04	2.57	2.75	2.99	3.25	3.49	3.73	4.14	4.51	4.88	5.03	5.17	5.22	5.12	5.04	4.92
	75	TC	42.3	42.3	42.3	42.2	42.2	42.2	42.1	42.0	41.9	41.7	41.7	41.7	41.6	39.6	37.9	35.9
		kW	1.76	2.18	2.30	2.47	2.65	2.86	3.12	3.41	3.65	3.92	4.30	4.63	5.02	5.02	4.83	4.68
	80	TC	34.1	34.1	34.1	34.1	34.0	34.0	34.0	33.6	33.9	33.9	33.9	33.5	33.4	33.4	33.4	33.4
		kW	1.52	1.83	1.93	2.05	2.22	2.35	2.53	2.71	2.96	3.18	3.45	3.62	3.90	4.20	4.58	5.05
1720	60	TC	74.5	74.0	73.9	73.9	73.9	70.6	66.7	54.7	50.4	47.1	44.8	42.0	43.6	42.6	41.5	38.9
		kW	3.17	4.08	4.33	4.70	5.09	5.08	5.01	5.45	5.27	5.15	2.43	5.92	5.25	5.11	5.02	4.93
	70	TC	56.2	56.1	56.3	56.2	56.0	55.2	55.0	54.9	54.1	52.4	49.9	46.7	43.5	42.4	41.4	38.8
		kW	2.34	2.95	3.16	3.42	3.70	3.92	4.24	4.68	4.90	4.97	5.12	5.26	5.31	5.21	5.13	5.01
	75	TC	46.8	46.8	46.8	46.7	46.6	46.6	46.5	46.1	46.0	46.0	46.0	46.0	43.0	40.9	39.2	37.0
		kW	2.00	2.47	2.62	2.81	3.04	3.29	3.54	3.83	4.15	4.45	4.91	5.31	5.56	5.56	5.33	5.17
	80	TC	37.8	37.8	37.7	37.7	37.6	37.6	37.4	37.4	37.4	37.4	37.1	37.1	37.0	37.0	37.0	36.4
		kW	1.73	2.07	2.19	2.33	2.50	2.65	2.83	3.09	3.38	3.60	3.84	4.12	4.41	4.80	5.22	5.68
1880	60	TC	79.5	79.3	79.3	79.3	75.5	71.0	67.1	61.2	56.7	53.0	53.2	52.6	48.9	45.5	42.1	39.3
		kW	3.55	4.52	4.79	5.22	5.16	5.03	4.97	4.81	4.68	4.57	5.41	5.47	5.92	5.76	5.60	5.44
	70	TC	60.3	60.3	60.4	60.3	59.7	59.5	59.6	59.7	55.6	53.0	50.4	47.1	44.0	42.9	41.8	39.1
		kW	2.58	3.27	3.48	3.76	4.01	4.31	4.66	5.16	5.10	4.97	5.12	5.26	5.91	5.80	5.71	5.58
	75	TC	50.2	50.2	50.2	50.0	50.0	50.0	49.9	49.4	49.3	49.3	49.3	49.3	43.6	41.4	39.7	37.5
		kW	2.19	2.69	2.87	3.06	3.35	3.59	3.86	4.19	4.55	4.90	5.41	5.85	6.68	6.68	6.41	6.21
	80	TC	40.5	40.5	40.5	40.5	40.4	40.3	40.3	40.3	40.3	40.0	39.8	39.8	39.8	39.8	39.8	36.9
		kW	1.88	2.27	2.38	2.54	2.71	2.88	3.10	3.41	3.68	3.87	4.20	4.51	5.40	5.85	6.45	6.34

Table 19

TC refers to total capacity in kBTU/hr kW: refer to total input power

5 Model & Part Numbers

BOSCH BOVB 18 MODEL OUTDOOR UNIT		
Model Number	Part Number	Description
BOVB-36HDN1-M18M	8733955036	36 kBTU/hr (3 ton), Inverter Condensing Unit BOVB
BOVB-60HDN1-M18M	8733955037	60 kBTU/hr (5 ton), Inverter Condensing Unit BOVB

Table 20

BOSCH BVA 2.0 MODEL INDOOR UNIT		
Model Number	Part Number	Description
BVA-24WN1-M20	8733952439	24 kBTU/hr (2 ton), Air Handler Unit, 20 SEER, x13 ECM
BVA-36WN1-M20	8733952440	36 kBTU/hr (3 ton), Air Handler Unit, 20 SEER, x13 ECM
BVA-48WN1-M20	8733952441	48 kBTU/hr (4 ton), Air Handler Unit, 20 SEER, x13 ECM
BVA-60WN1-M20	8733952442	60 kBTU/hr (5 ton), Air Handler Unit, 20 SEER, x13 ECM

Table 21

BOSCH BVA 15 MODEL INDOOR UNIT		
Model Number	Part Number	Description
BVA-24WN1-M15	8733955038	24 kBTU/hr (2 ton), Air Handler Unit, 15 SEER, PSC
BVA-36WN1-M15	8733955039	36 kBTU/hr (3 ton), Air Handler Unit, 15 SEER, PSC
BVA-48WN1-M15	8733955040	48 kBTU/hr (4 ton), Air Handler Unit, 15 SEER, PSC
BVA-60WN1-M15	8733955041	60 kBTU/hr (5 ton), Air Handler Unit, 15 SEER, PSC

Table 22

6 AHRI 210/240 Performance Data

6.1 SEER

Inverter Ducted Split AHRI 210/240 Performance Data										
System Configuration	Outdoor Unit Model	Indoor Unit Model	Furnace Model	Cooling Capacity (BTU/h)			Heating Capacity			CFM
		Coils/Air Handlers		Total	EER[1]	SEER[2]	Hi	HSPF[3]	Low[4]	
BOVB18 with BVA15	BOVB-36HDN1-M18M	BVA-24WN1-M15	/	24000	11.8	16	24000	9	21200	850
	BOVB-36HDN1-M18M	BVA-36WN1-M15	/	33600	10.4	15	35000	9	25000	1210
	BOVB-60HDN1-M18M	BVA-48WN1-M15	/	47000	11.2	15.5	48000	9	38000	1510
	BOVB-60HDN1-M18M	BVA-60WN1-M15	/	55000	10.2	15	56000	9	40500	1830
BOVB18 with BVA20	BOVB-36HDN1-M18M	BVA-24WN1-M20	/	24000	13.0	18.5	24000	9.5	21600	860/680
	BOVB-36HDN1-M18M	BVA-36WN1-M20	/	34200	10.8	17.5	34200	9.0	25000	1150/820
	BOVB-60HDN1-M18M	BVA-36WN1-M20	/	35200	12.5	18.5	35200	10.5	24000	1150/820
	BOVB-60HDN1-M18M	BVA-48WN1-M20	/	47000	12.5	18.5	46500	9.5	38000	1530/1150
	BOVB-60HDN1-M18M	BVA-60WN1-M20	/	56000	10.8	17.5	55000	9.5	40500	1750/1350
BOVB18 with Cased Coil	BOVB-36HDN1-M18M	BMA*2430ANTD	/	23400	11.50	15.00	24000	9.00	17200	700
	BOVB-36HDN1-M18M	BMA*2430BNTD	/	23400	11.50	15.00	24000	9.00	17200	700
	BOVB-36HDN1-M18M	BMA*3036ANTD	/	32000	10.00	14.50	35000	9.00	22000	900
	BOVB-36HDN1-M18M	BMA*3036BNTD	/	32400	10.00	14.50	35000	9.00	23000	1000
	BOVB-36HDN1-M18M	BMA*3036CNTD	/	32400	10.00	14.50	35000	9.00	23000	1000
	BOVB-36HDN1-M18M	BMA*4248BNTF	/	32400	10.00	15.00	35000	9.00	23000	1000
	BOVB-36HDN1-M18M	BMA*4248CNTF	/	32400	10.00	15.00	35000	9.00	23000	1000
	BOVB-60HDN1-M18M	BMA*4248BNTF	/	44500	11.00	16.00	45500	9.50	31000	1150
	BOVB-60HDN1-M18M	BMA*4248CNTF	/	46000	11.00	16.00	47000	9.50	32000	1300
	BOVB-60HDN1-M18M	BMA*4248DNTF	/	46000	11.00	16.00	48000	9.50	32000	1400
	BOVB-60HDN1-M18M	BMA*4860CNTF	/	54000	10.50	16.00	55500	9.50	32000	1300
	BOVB-60HDN1-M18M	BMA*4860DNTF	/	55000	10.50	16.00	56000	9.50	39000	1500
BOVB18 with 96% Gas Furnace	BOVB-36HDN1-M18M	BMA*2430ANTD	BGH96M060B3A	23600	12.50	18.00	24000	9.50	17200	820/630
	BOVB-36HDN1-M18M	BMA*2430ANTD	BGH96M080B3A	23600	12.50	18.00	24000	9.50	17200	800/580
	BOVB-36HDN1-M18M	BMA*2430BNTD	BGH96M060B3A	24000	12.50	18.00	24000	9.50	17200	860/680
	BOVB-36HDN1-M18M	BMA*2430BNTD	BGH96M080B3A	24000	12.50	18.00	24000	9.50	17200	840/630
	BOVB-36HDN1-M18M	BMA*3036ANTD	BGH96M060B3A	33000	10.50	16.50	34200	9.00	22600	1050/800
	BOVB-36HDN1-M18M	BMA*3036ANTD	BGH96M080B3A	33000	10.50	16.50	34200	9.00	22600	1020/800
	BOVB-36HDN1-M18M	BMA*3036BNTD	BGH96M060B3A	33600	10.60	16.50	34200	9.00	23000	1100/850
	BOVB-36HDN1-M18M	BMA*3036BNTD	BGH96M080B3A	33600	10.60	16.50	34200	9.00	23000	1070/850
	BOVB-36HDN1-M18M	BMA*3036CNTD	BGH96M080C4A	34000	10.60	16.50	34200	9.00	23000	1050/820
	BOVB-36HDN1-M18M	BMA*3036CNTD	BGH96M100C5A	34000	10.60	16.50	34200	9.00	23000	1150/750
	BOVB-60HDN1-M18M	BMA*4248BNTF	BGH96M080B3A	43000	10.50	17.50	45500	9.00	31000	1250/1050
	BOVB-60HDN1-M18M	BMA*4248CNTF	BGH96M080C4A	43000	11.00	18.00	45500	9.00	31000	1250/1050
	BOVB-60HDN1-M18M	BMA*4248CNTF	BGH96M100C5A	45000	11.20	18.00	47000	9.00	31400	1450/1150
	BOVB-60HDN1-M18M	BMA*4248DNTF	BGH96M100D5A	45500	11.20	18.00	47000	9.00	32000	1500/1200
	BOVB-60HDN1-M18M	BMA*4248DNTF	BGH96M120D5A	45500	11.20	18.00	47000	9.00	32000	1500/1200
	BOVB-60HDN1-M18M	BMA*4860CNTF	BGH96M100C5A	52500	10.00	17.00	53500	9.50	37000	1450/1150
	BOVB-60HDN1-M18M	BMA*4860DNTF	BGH96M100D5A	53000	10.50	17.50	54000	9.50	38000	1500/1200
	BOVB-60HDN1-M18M	BMA*4860DNTF	BGH96M120D5A	53000	10.50	17.50	54000	9.50	38000	1500/1200

Table 23

[1] Energy Efficiency Ratio; Certified per AHRI 210/240

[2] Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240[3]

[3] HSPF = Heating Seasonal Performance Factor; Certified per AHRI 210/240

[4] Jumper cut or dip switch off

Items in bold boxes meet the requirements for ENERGY STAR v5.0

6.2 SEER2

Inverter Ducted Split AHRI 210/240 Performance Data										
System Configuration	Outdoor Unit Model	Indoor Unit Model	Furnace Model	Cooling Capacity (BTU/h)			Heating Capacity			CFM
				Total	EER2[1]	SEER2[2]	Hi	HSPF2[3]	Low[4]	
BOVB18 with BVA15	BOVB-36HDN1-M18M	BVA-24WN1-M15	/	24000	10.0	14.3	24000	8.0	18600	780/780
	BOVB-36HDN1-M18M	BVA-36WN1-M15	/	33600	10.0	14.3	35000	8.0	24000	1040/1040
	BOVB-60HDN1-M18M	BVA-48WN1-M15	/	46000	10.5	14.5	47000	8.4	38000	1580/1580
	BOVB-60HDN1-M18M	BVA-60WN1-M15	/	55000	10.2	15.0	56000	8.4	40500	1640/1640
BOVB18 with BVA20	BOVB-36HDN1-M18M	BVA-24WN1-M20	/	24000	11.7	17.5	24000	8.2	21000	700/540
	BOVB-36HDN1-M18M	BVA-36WN1-M20	/	33800	10.2	17.5	35000	8.5	25000	1220/780
	BOVB-60HDN1-M18M	BVA-36WN1-M20	/	35200	12.0	18.0	35200	8.2	25000	1220/780
	BOVB-60HDN1-M18M	BVA-48WN1-M20	/	45000	11.7	17.5	47000	9.0	38000	1580/1100
	BOVB-60HDN1-M18M	BVA-60WN1-M20	/	55000	10.2	17.0	57000	9.0	40500	1720/1310
BOVB18 with Cased Coil	BOVB-60HDN1-M18M	BMAC4248BNTF	/	43500	10.8	14.5	46000	8.5	32800	1140
	BOVB-60HDN1-M18M	BMAC4248CNTF	/	44500	10.8	14.3	47000	8.5	33000	1300
	BOVB-60HDN1-M18M	BMAC4248DNTF	/	45000	10.8	14.3	48000	8.5	33000	1400
	BOVB-60HDN1-M18M	BMAC4860CNTF	/	53000	10.2	14.6	54500	8.0	37000	1300
	BOVB-60HDN1-M18M	BMAC4860DNTF	/	54000	10.2	14.6	56000	8.0	37400	1500
BOVB18 with 96% Gas Furnace	BOVB-36HDN1-M18M	BMAC2430ANTD	BGH96M060B3B	23600	11.5	16.0	24000	8.0	18600	740/540
	BOVB-36HDN1-M18M	BMAC2430ANTD	BGH96M080B3B	23600	11.5	16.0	24000	8.0	18600	750/560
	BOVB-36HDN1-M18M	BMAC2430BNTD	BGH96M060B3B	23800	11.7	16.0	24000	8.0	18800	760/550
	BOVB-36HDN1-M18M	BMAC2430BNTD	BGH96M080B3B	24000	11.7	16.0	24000	8.0	19000	750/560
	BOVB-36HDN1-M18M	BMAC3036ANTD	BGH96M060B3B	32400	9.4	16.0	34200	8.0	22800	1090/840
	BOVB-36HDN1-M18M	BMAC3036ANTD	BGH96M080B3B	32400	9.4	16.0	34200	8.0	22800	1050/840
	BOVB-36HDN1-M18M	BMAC3036BNTD	BGH96M060B3B	32600	9.5	16.0	34200	8.0	23000	1120/870
	BOVB-36HDN1-M18M	BMAC3036BNTD	BGH96M080B3B	32600	9.5	16.0	34200	8.0	23000	1060/850
	BOVB-36HDN1-M18M	BMAC3036CNTD	BGH96M080C4B	32800	9.5	16.0	34200	8.0	23000	1100/870
	BOVB-36HDN1-M18M	BMAC3036CNTD	BGH96M100C5B	32800	9.5	16.0	34200	8.0	23000	1000/780
	BOVB-60HDN1-M18M	BMAC4248BNTF	BGH96M080B3B	43000	10.5	16.5	45500	8.0	33000	1120/880
	BOVB-60HDN1-M18M	BMAC4248CNTF	BGH96M080C4B	43000	10.8	17.0	45500	8.0	33000	1130/900
	BOVB-60HDN1-M18M	BMAC4248CNTF	BGH96M100C5B	44500	10.8	17.5	47000	8.0	34000	1370/1150
	BOVB-60HDN1-M18M	BMAC4248DNTF	BGH96M100D5B	45000	11.0	17.5	47000	8.0	34200	1480/1200
	BOVB-60HDN1-M18M	BMAC4248DNTF	BGH96M120D5B	45000	11.0	17.5	47000	8.0	34200	1480/1200
	BOVB-60HDN1-M18M	BMAC4860CNTF	BGH96M100C5B	53000	9.5	17.0	55000	8.5	37200	1590/1150
	BOVB-60HDN1-M18M	BMAC4860DNTF	BGH96M100D5B	53500	10.0	17.5	55000	8.5	37400	1590/1150
	BOVB-60HDN1-M18M	BMAC4860DNTF	BGH96M120D5B	53500	10.0	17.5	55000	8.5	37400	1590/1150

Table 24

[1] Energy Efficiency Ratio; Certified per AHRI 210/240

[2] Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240[3]

[3] HSPF = Heating Seasonal Performance Factor; Certified per AHRI 210/240

[4] Jumper cut or dip switch off

Items in bold boxes meet the requirements for ENERGY STAR v6.1

7 Suction Corrected Factor

Model Size		2 Ton	3 Ton	4 Ton	5 Ton
BOVB - Suction Line Connection Size		3/4	3/4	7/8	7/8
Suction Line Run - Feet		3/4 STD	3/4 STD	7/8 STD	7/8 STD
		5/8 OPT	5/8 OPT	3/4 OPT	3/4 OPT
25'	Standard	1.00	1.00	1.00	1.00
	Optional	1.00	0.99	0.99	0.98
50'	Standard	0.99	0.99	0.99	0.99
	Optional	0.99	0.98	0.98	0.97
100'	Standard	0.99	0.98	0.98	0.97
	Optional	0.98	0.95	0.97	0.95

Table 25

Std: Standard size
Opt: Optional size

Using suction line larger than shown in chart will result in poor oil return and is not recommended.

8 Sound Data

Model	Sound Power Level [dB(A)]	Full Octave Linear Sound Power Level dB -Center Frequency -Hz								Sound Power Level [dB(A)] with Sound Blanket
		63	125	250	500	1000	2000	4000	8000	
3 Ton	56 (Low)	52.2	42.7	47.8	48.4	43.7	45.2	41.9	37.6	Sound Blanket - Standard
	77 (High)	72.9	66.7	67.1	67.8	65.8	61.4	59.4	52.1	
5 Ton	60 (Low)	56	49	51.2	52.1	51.1	49.4	45.5	42.8	
	79 (High)	75.8	68.1	70.8	70.8	69	63.7	63	56.8	

Table 26 IDS BOVB 18 Outdoor Unit Sound Power Level

9 Dimensions

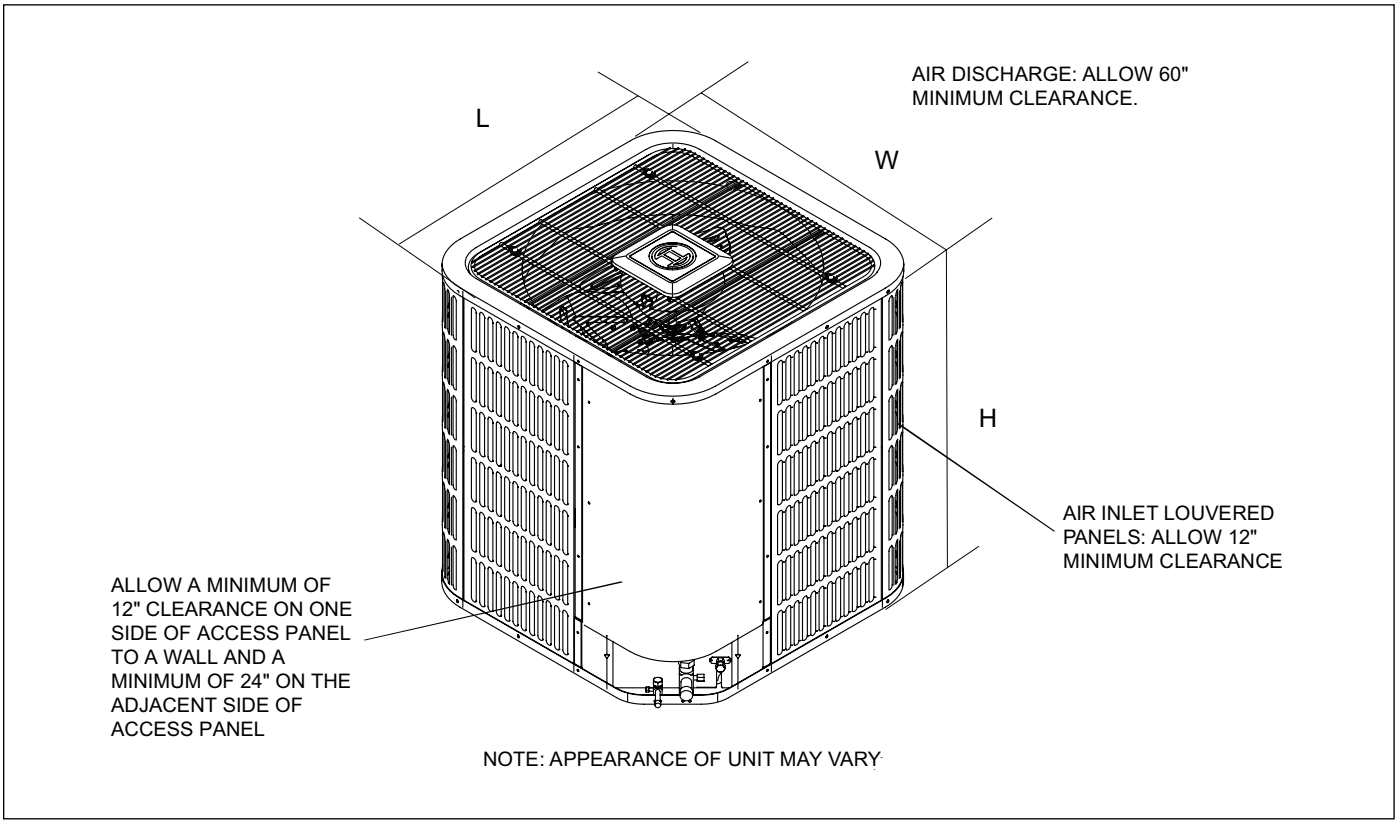

Figure 2

Model Size	Dimensions (Inches)		
Heat Pump	"H" in. [mm]	"W" in. [mm]	"L" in. [mm]
BOVB18-36	24-15/16 [633]	29-1/8 [740]	29-1/8 [740]
BOVB18-60	33-3/16 [843]	29-1/8 [740]	29-1/8 [740]

Table 27

United States and Canada

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Watertown, MA 02472

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BTC 761701314 D / 04.2023