



FRIEDRICH

1883

Floating Air Pro / Premier Extended Capacity Charts

DUCTLESS SPLIT SYSTEMS

Single Zone Wall Mounted Systems



THE EXPERTS IN ROOM AIR CONDITIONING

Capacity characteristic charts

The following charts show the characteristics of outdoor unit capacity, which corresponds with the operating ambient temperature of outdoor unit. This data is obtained with Free-Spin of the Condenser and not in a testing mode

Conditions:

- 1- Pipelength / height difference: 25 ft. (7.6m) / 0 ft. (0m)
- 2- Compressor at rated inverter frequency
- 3- Indoor fan speed at high fan speed
- 4- Capacity loss due to frost accumulation and defrost operation is not included.

Floating Air Pro / Premier Cooling Extended Capacity (By System Model)				
System Model	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB		
		80 / 67		
		TC	SHC	PI
		kBtu/h		
				kW
FRHW093 & FRHW093A	32	7.60	5.32	0.21
	41	8.41	5.89	0.28
	50	9.73	6.81	0.40
	59	11.23	7.86	0.50
	67	12.94	9.06	0.69
	77	14.12	9.89	0.89
	82	14.48	10.13	1.04
	87	14.27	9.99	1.07
	95	13.56	9.49	1.16
	104	12.67	8.87	1.25
FRHW123 & FRHW123A	115	11.62	8.13	1.40
	32	13.76	9.63	0.33
	41	14.12	9.88	0.47
	50	14.60	10.22	0.50
	59	14.92	10.44	0.70
	67	15.38	10.77	0.84
	77	15.50	10.85	1.09
	82	15.89	11.12	1.15
	87	15.73	11.01	1.17
	95	15.19	10.64	1.27
FPHW091 & FPHW091A	104	14.44	10.11	1.38
	115	13.31	9.32	1.32
	32	9.56	6.69	0.26
	41	10.09	7.06	0.36
	50	10.35	7.24	0.47
	59	10.96	7.67	0.50
	67	11.18	7.83	0.59
	77	11.57	8.10	0.70
	82	11.90	8.33	0.81
	87	11.78	8.25	1.00
FPHW121 & FPHW121A	95	11.63	8.14	1.02
	104	11.08	7.76	1.02
	115	9.94	6.96	1.00
	32	10.76	7.53	0.27
	41	11.29	7.90	0.36
	50	11.93	8.35	0.42
	59	12.17	8.52	0.59
	67	12.44	8.71	0.78
	77	12.68	8.88	1.01
	82	13.25	9.28	1.07
FPHW093 & FPHW093A	87	12.98	9.08	1.16
	95	12.55	8.79	1.25
	104	11.90	8.33	1.24
	115	10.53	7.37	1.18
	32	8.54	5.97	0.26
	41	8.72	6.10	0.36
	50	9.15	6.41	0.47
	59	9.53	6.67	0.60
	67	9.89	6.92	0.69
	77	10.21	7.14	0.80
FPHW123 & FPHW123A	82	10.37	7.25	0.90
	87	10.28	7.19	0.91
	95	10.11	7.08	0.92
	104	9.85	6.89	0.89
	115	9.26	6.48	0.88
	32	10.66	7.46	0.35
	41	11.39	7.97	0.54
	50	12.09	8.46	0.65
	59	12.73	8.91	0.76
	67	13.13	9.19	0.88
FPHW183 & FPHW183A	77	13.62	9.54	0.95
	82	14.07	9.85	1.09
	87	13.85	9.69	1.15
	95	13.25	9.27	1.22
	104	12.15	8.50	1.19
	115	9.81	6.87	1.10
	32	16.78	11.75	0.97
	41	17.75	12.43	1.09
	50	18.40	12.88	1.22
	59	18.62	13.03	1.30
FPHW243 & FPHW243A	67	19.03	13.32	1.35
	77	19.31	13.52	1.41
	82	19.55	13.69	1.60
	87	19.26	13.48	1.91
	95	18.57	13.00	1.91
	104	17.27	12.09	2.11
	115	15.80	11.06	2.11
	32	22.14	15.50	1.09
	41	25.05	17.54	1.47
	50	26.49	18.55	1.72
FPHW363 & FPHW363A	59	27.28	19.10	1.93
	67	27.51	19.26	2.13
	77	27.72	19.40	2.35
	82	28.08	19.66	2.52
	87	27.35	19.15	2.72
	95	26.47	18.53	3.02
	104	22.76	15.93	2.89
	115	18.34	12.84	2.60
	32	29.25	20.48	1.09
	41	32.72	22.90	1.45
FPHW363 & FPHW363A	50	33.50	23.45	2.20
	59	33.88	23.72	2.46
	67	35.27	24.69	2.63
	77	36.36	25.45	3.52
	82	37.89	26.52	3.59
	87	37.20	26.04	3.69
	95	32.91	23.04	3.90
	104	29.64	20.75	3.65
	115	23.63	16.54	3.13

Floating Air Pro / Premier Heating Extended Capacity (By System Model)				
System Model	Outdoor Air Temp.		Indoor Air Temp. °F DB	
	°F DB	°F WB	70	
			TC	PI
			kBtu/h	kW
FRHW093 & FRHW093A	-5	-7	5.25	1.08
	5	3	7.76	1.22
	14	12	9.82	1.41
	17	15	11.08	1.45
	23	19	11.77	1.45
	32	28	11.87	1.21
	35	33	11.92	1.12
	47	43	12.05	1.06
	59	50	11.81	0.86
FRHW123 & FRHW123A	-5	-7	8.56	1.46
	5	3	10.78	1.60
	14	12	11.96	1.80
	17	15	11.90	1.56
	23	19	13.03	1.48
	32	28	15.07	1.61
	35	33	15.22	1.66
	47	43	17.21	1.51
	59	50	16.45	1.17
FPHW091 & FPHW091A	-5	-7	4.95	1.14
	5	3	5.45	1.07
	14	12	7.08	1.17
	17	15	8.93	1.30
	23	19	9.67	1.30
	32	28	9.65	1.19
	35	33	9.89	1.03
	47	43	10.54	0.94
	59	50	9.86	0.82
FPHW121 & FPHW121A	-5	-7	6.40	1.22
	5	3	8.12	1.30
	14	12	9.76	1.49
	17	15	12.13	1.63
	23	19	12.95	1.68
	32	28	13.07	1.48
	35	33	14.00	1.43
	47	43	15.50	1.45
	59	50	12.73	0.91
FPHW093 & FPHW093A	-5	-7	4.95	1.14
	5	3	6.20	1.20
	14	12	7.29	1.27
	17	15	8.59	1.34
	23	19	9.33	1.38
	32	28	9.85	1.34
	35	33	10.23	1.19
	47	43	11.65	1.11
	59	50	10.78	0.80
FPHW123 & FPHW123A	-5	-7	8.67	1.29
	5	3	10.18	1.34
	14	12	11.40	1.44
	17	15	12.10	1.48
	23	19	12.72	1.54
	32	28	13.46	1.56
	35	33	13.94	1.51
	47	43	14.19	1.31
	59	50	14.01	1.10
FPHW183 & FPHW183A	-5	-7	8.57	1.17
	5	3	10.90	1.27
	14	12	13.90	1.28
	17	15	15.43	1.49
	23	19	16.74	1.60
	32	28	18.24	1.65
	35	33	20.92	1.80
	47	43	21.27	1.81
	59	50	20.73	1.77
FPHW243 & FPHW243A	-5	-7	11.57	2.35
	5	3	15.61	2.62
	14	12	17.08	2.61
	17	15	19.55	2.79
	23	19	19.31	2.76
	32	28	20.88	2.57
	35	33	21.64	2.54
	47	43	26.78	2.52
	59	50	26.68	2.50
FPHW363 & FPHW363A	-5	-7	15.93	3.02
	5	3	19.21	3.12
	14	12	21.01	3.07
	17	15	21.32	3.15
	23	19	25.92	3.45
	32	28	27.41	3.61
	35	33	33.11	3.80
	47	43	38.07	3.90
	59	50	34.61	2.74



FRIEDRICH

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Floating Air Pro / Premier Extended Capacity Charts

DUCTLESS SPLIT SYSTEMS

**Single Zone Cassette / "The Insider"
Concealed Ducted**



THE EXPERTS IN ROOM AIR CONDITIONING

960-911-00

Capacities and selection data

"The Insider" - Concealed Ducted

Cooling Capacity Table																			
Model (Btu/h)	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB																	
		68 / 57			73 / 61			77 / 64			80 / 67			86 / 72			90 / 75		
		TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
9K	5	8.91	7.14	0.30	9.47	7.54	0.41	10.02	7.76	0.44	10.42	7.46	0.45	11.13	7.52	0.45	11.68	7.66	0.45
	10	8.90	7.19	0.31	9.45	7.60	0.42	10.01	7.82	0.45	10.41	7.51	0.46	11.12	7.58	0.46	11.67	7.72	0.46
	15	8.89	7.25	0.32	9.44	7.65	0.43	9.99	7.88	0.47	10.39	7.56	0.47	11.10	7.63	0.47	11.65	7.77	0.47
	20	8.88	7.29	0.32	9.43	7.71	0.44	9.98	7.93	0.48	10.38	7.62	0.48	11.08	7.68	0.48	11.63	7.83	0.48
	25	8.87	7.35	0.33	9.41	7.76	0.45	9.96	7.99	0.49	10.36	7.67	0.50	11.07	7.74	0.50	11.62	7.88	0.50
	30	8.85	7.40	0.34	9.40	7.82	0.46	9.95	8.04	0.50	10.35	7.73	0.51	11.05	7.79	0.51	11.60	7.94	0.51
	35	8.84	7.45	0.35	9.39	7.87	0.47	9.94	8.10	0.51	10.33	7.78	0.52	11.03	7.85	0.52	11.58	8.00	0.52
	40	8.82	7.50	0.36	9.38	7.92	0.48	9.92	8.16	0.53	10.32	7.83	0.53	11.02	7.90	0.53	11.57	8.05	0.53
	45	8.81	7.55	0.37	9.36	7.98	0.50	9.91	8.21	0.54	10.30	7.89	0.54	11.00	7.95	0.55	11.55	8.10	0.54
	50	8.80	7.60	0.38	9.35	8.03	0.51	9.89	8.27	0.55	10.29	7.94	0.56	10.99	8.01	0.56	11.53	8.16	0.56
	55	8.79	7.65	0.38	9.33	8.09	0.52	9.88	8.32	0.56	10.27	7.99	0.57	10.97	8.06	0.57	11.52	8.21	0.57
	60	8.78	7.70	0.39	9.32	8.14	0.53	9.86	8.38	0.57	10.26	8.04	0.58	10.95	8.11	0.59	11.50	8.27	0.58
	65	8.76	7.75	0.40	9.30	8.19	0.54	9.85	8.43	0.59	10.24	8.10	0.60	10.94	8.16	0.60	11.48	8.32	0.60
	70	8.75	7.80	0.41	9.29	8.24	0.55	9.84	8.49	0.60	10.23	8.15	0.61	10.92	8.22	0.61	11.46	8.37	0.61
	75	8.54	7.67	0.44	9.08	8.12	0.57	9.62	8.37	0.62	10.01	8.04	0.63	10.71	8.12	0.63	11.25	8.28	0.63
	80	8.33	7.54	0.46	8.87	7.99	0.59	9.41	8.24	0.63	9.80	7.93	0.64	10.49	8.02	0.65	11.03	8.18	0.66
	85	8.12	7.41	0.53	8.66	7.86	0.64	9.20	8.12	0.68	9.59	7.81	0.69	10.28	7.91	0.70	10.82	8.08	0.71
	90	7.91	7.26	0.59	8.45	7.72	0.69	8.99	7.98	0.72	9.38	7.69	0.74	10.06	7.80	0.75	10.60	7.97	0.76
	95	7.68	7.19	0.65	8.22	7.65	0.74	8.76	7.92	0.76	9.00	7.52	0.75	9.83	7.76	0.79	10.36	7.94	0.80
	100	7.50	7.00	0.68	8.03	7.46	0.75	8.57	7.73	0.77	8.88	7.41	0.76	9.64	7.59	0.79	10.17	7.77	0.80
	105	7.31	6.80	0.71	7.85	7.26	0.77	8.38	7.55	0.77	8.77	7.29	0.78	9.45	7.42	0.79	9.99	7.61	0.80
	110	7.12	6.57	0.69	7.66	7.03	0.72	8.19	7.31	0.72	8.58	7.07	0.72	9.26	7.21	0.72	9.80	7.40	0.74
	115	6.93	6.38	0.62	7.47	6.83	0.63	8.01	7.12	0.62	8.39	6.89	0.60	9.08	7.04	0.61	9.61	7.23	0.62
	118	6.55	6.08	0.55	7.07	6.52	0.54	7.58	6.80	0.52	7.95	6.59	0.51	8.61	6.74	0.51	9.12	6.93	0.52
	122	6.42	5.97	0.53	6.93	6.41	0.51	7.44	6.69	0.49	7.80	6.48	0.47	8.45	6.63	0.47	8.96	6.82	0.48

Heating Capacity Table														
Model (Btu/h)	Outdoor Air Temp. (°F DB)		Indoor Air Temp. °F DB / °F WB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
9K	0	-0.4	4.46	0.63	4.20	0.65	4.19	0.66	4.10	0.67	4.02	0.67	3.85	0.70
	5	4.5	5.21	0.64	4.97	0.66	4.90	0.67	4.79	0.68	4.71	0.69	4.52	0.71
	10	9	5.72	0.64	5.49	0.67	5.37	0.69	5.26	0.69	5.17	0.70	4.97	0.72
	17	15	6.28	0.66	6.06	0.68	5.89	0.70	5.77	0.71	5.68	0.72	5.46	0.74
	20	19	6.62	0.67	6.41	0.69	6.20	0.71	6.08	0.72	5.99	0.73	5.76	0.75
	25	23	7.18	0.68	6.97	0.70	6.72	0.73	6.60	0.74	6.50	0.75	6.25	0.77
	30	28	7.75	0.70	7.50	0.72	7.25	0.74	7.11	0.76	7.01	0.77	6.75	0.79
	35	32	8.31	0.72	8.05	0.74	7.77	0.76	7.63	0.78	7.52	0.79	7.25	0.81
	40	36	8.73	0.74	8.49	0.76	8.22	0.78	8.08	0.80	7.96	0.81	7.68	0.84
	45	41	9.27	0.76	9.04	0.79	8.78	0.81	8.63	0.83	8.51	0.84	8.20	0.87
	47	43	9.48	0.77	9.27	0.80	9.00	0.83	8.85	0.84	8.73	0.85	8.42	0.88
	50	46	9.50	0.77	9.31	0.79	9.08	0.81	8.95	0.83	8.85	0.84	8.55	0.86
	55	51	9.55	0.76	9.39	0.78	9.22	0.80	9.11	0.81	9.03	0.81	8.76	0.83
	60	56	9.60	0.75	9.47	0.77	9.35	0.78	9.28	0.79	9.21	0.79	8.98	0.80
	63	59	9.62	0.75	9.52	0.76	9.44	0.77	9.37	0.78	9.32	0.78	9.10	0.79
	68	64	9.65	0.74	9.57	0.75	9.52	0.76	9.47	0.76	9.43	0.77	9.24	0.77

Remarks:

TC: Total Cooling Capacity (Gross)

SHC: Sensible Heat Capacity (Gross) PI: Power Input (including the compressor, evap. fan motor & cond. fan motor)

DB: Dry Bulb Temperature

WB: Wet Bulb Temperature

Capacities and selection data

Cooling Capacity Table																			
Model (Btu/h)	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB																	
		68 / 57			73 / 61			77 / 64			80 / 67			86 / 72			90 / 75		
		TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
12K	5	11.89	9.52	0.38	12.63	10.06	0.52	13.37	10.35	0.56	13.90	9.94	0.57	14.84	10.03	0.57	15.58	10.22	0.57
	10	11.87	9.59	0.39	12.61	10.13	0.53	13.35	10.43	0.58	13.88	10.02	0.59	14.82	10.10	0.59	15.56	10.29	0.59
	15	11.85	9.66	0.40	12.59	10.21	0.55	13.33	10.50	0.60	13.86	10.09	0.60	14.80	10.17	0.60	15.54	10.37	0.60
	20	11.84	9.73	0.41	12.57	10.28	0.56	13.31	10.58	0.61	13.84	10.16	0.62	14.78	10.25	0.62	15.51	10.44	0.62
	25	11.82	9.80	0.43	12.55	10.35	0.58	13.29	10.65	0.62	13.82	10.23	0.63	14.76	10.32	0.63	15.49	10.51	0.63
	30	11.80	9.87	0.44	12.54	10.42	0.59	13.27	10.73	0.64	13.80	10.30	0.65	14.74	10.39	0.65	15.47	10.59	0.65
	35	11.79	9.94	0.45	12.52	10.49	0.60	13.25	10.80	0.66	13.78	10.38	0.67	14.71	10.46	0.67	15.45	10.66	0.67
	40	11.77	10.00	0.46	12.50	10.57	0.62	13.23	10.88	0.67	13.76	10.45	0.68	14.69	10.53	0.68	15.42	10.73	0.68
	45	11.75	10.07	0.47	12.48	10.64	0.63	13.21	10.95	0.69	13.74	10.52	0.70	14.67	10.61	0.70	15.40	10.81	0.70
	50	11.74	10.14	0.48	12.46	10.71	0.65	13.19	11.02	0.70	13.72	10.59	0.72	14.65	10.68	0.72	15.38	10.88	0.72
	55	11.72	10.21	0.49	12.45	10.78	0.66	13.17	11.10	0.72	13.70	10.66	0.73	14.63	10.75	0.73	15.36	10.95	0.73
	60	11.70	10.27	0.50	12.43	10.85	0.68	13.15	11.17	0.73	13.68	10.73	0.74	14.61	10.82	0.75	15.33	11.02	0.74
	65	11.68	10.34	0.51	12.41	10.92	0.69	13.14	11.24	0.75	13.66	10.80	0.76	14.59	10.89	0.76	15.31	11.10	0.76
	70	11.67	10.41	0.52	12.39	10.99	0.71	13.12	11.32	0.77	13.64	10.87	0.78	14.57	10.96	0.78	15.29	11.17	0.78
	75	11.39	10.23	0.56	12.11	10.83	0.73	12.83	11.16	0.79	13.35	10.72	0.80	14.28	10.83	0.81	15.00	11.04	0.81
	80	11.11	10.06	0.59	11.83	10.65	0.75	12.55	10.99	0.81	13.07	10.57	0.82	13.99	10.69	0.84	14.71	10.91	0.84
	85	10.83	9.88	0.67	11.55	10.48	0.82	12.27	10.82	0.87	12.79	10.42	0.88	13.70	10.55	0.90	14.42	10.77	0.91
	90	10.55	9.69	0.75	11.27	10.29	0.88	11.98	10.65	0.93	12.50	10.26	0.94	13.42	10.40	0.96	14.14	10.63	0.97
	95	10.25	9.59	0.83	10.96	10.20	0.94	11.68	10.57	0.97	12.00	10.03	0.96	13.10	10.34	1.01	13.82	10.59	1.03
	100	10.00	9.33	0.87	10.71	9.94	0.96	11.43	10.31	0.98	11.85	9.88	0.97	12.85	10.12	1.01	13.57	10.37	1.03
	105	9.75	9.07	0.91	10.46	9.69	0.98	11.18	10.06	0.99	11.69	9.72	0.99	12.60	9.90	1.01	13.32	10.15	1.03
	110	9.50	8.76	0.89	10.21	9.37	0.93	10.93	9.75	0.92	11.44	9.43	0.92	12.35	9.62	0.93	13.07	9.87	0.95
	115	9.25	8.50	0.80	9.96	9.11	0.81	10.68	9.49	0.79	11.19	9.19	0.77	12.10	9.39	0.78	12.82	9.65	0.80
	118	8.74	8.10	0.71	9.42	8.69	0.70	10.11	9.07	0.66	10.60	8.78	0.65	11.48	8.98	0.65	12.16	9.24	0.66
	122	8.56	7.97	0.68	9.24	8.55	0.66	9.92	8.92	0.62	10.40	8.65	0.60	11.27	8.84	0.60	11.94	9.10	0.62

Heating Capacity Table														
Model (Btu/h)	Outdoor Air Temp. (°F DB)		Indoor Air Temp. °F DB / °F WB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
12K	0	-0.4	5.94	0.70	5.60	0.73	5.59	0.74	5.46	0.75	5.36	0.75	5.14	0.78
	5	4.5	6.95	0.72	6.63	0.74	6.53	0.76	6.39	0.76	6.28	0.77	6.03	0.80
	10	9	7.63	0.72	7.32	0.75	7.16	0.77	7.01	0.78	6.89	0.79	6.62	0.81
	17	15	8.37	0.74	8.08	0.76	7.85	0.79	7.69	0.80	7.57	0.81	7.28	0.83
	20	19	8.82	0.75	8.54	0.77	8.27	0.80	8.11	0.81	7.98	0.82	7.68	0.84
	25	23	9.57	0.76	9.29	0.79	8.97	0.81	8.80	0.83	8.66	0.84	8.34	0.87
	30	28	10.33	0.79	10.01	0.81	9.67	0.84	9.49	0.85	9.35	0.87	9.00	0.89
	35	32	11.08	0.81	10.73	0.84	10.37	0.86	10.18	0.88	10.03	0.89	9.67	0.91
	40	36	11.65	0.83	11.32	0.86	10.96	0.88	10.77	0.90	10.62	0.91	10.23	0.94
	45	41	12.35	0.86	12.06	0.88	11.70	0.91	11.51	0.93	11.35	0.94	10.94	0.97
	47	43	12.63	0.87	12.35	0.90	12.00	0.93	11.80	0.94	11.65	0.95	11.22	0.98
	50	46	12.67	0.86	12.42	0.89	12.11	0.91	11.93	0.93	11.79	0.94	11.40	0.97
	55	51	12.73	0.86	12.52	0.88	12.29	0.90	12.15	0.91	12.04	0.91	11.68	0.93
	60	56	12.80	0.84	12.63	0.86	12.47	0.88	12.37	0.88	12.28	0.89	11.97	0.90
	63	59	12.83	0.84	12.69	0.85	12.58	0.87	12.50	0.87	12.43	0.87	12.14	0.88
	68	64	12.87	0.84	12.76	0.84	12.70	0.86	12.63	0.86	12.58	0.86	12.31	0.87

Remarks:

TC: Total Cooling Capacity (Gross)

SHC: Sensible Heat Capacity (Gross) PI: Power Input (including the compressor, evap. fan motor & cond. fan motor)

DB: Dry Bulb Temperature

WB: Wet Bulb Temperature

Capacities and selection data

Cooling Capacity Table																			
Model (Btu/h)	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB																	
		68 / 57			73 / 61			77 / 64			80 / 67			86 / 72			90 / 75		
		TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
18K	5	17.83	14.28	0.67	18.94	15.08	0.90	20.05	15.53	0.98	20.84	14.91	0.99	22.26	15.04	0.99	23.36	15.32	0.99
	10	17.81	14.39	0.68	18.91	15.20	0.93	20.02	15.64	1.00	20.81	15.02	1.02	22.23	15.15	1.02	23.33	15.44	1.02
	15	17.78	14.49	0.70	18.89	15.31	0.95	19.99	15.75	1.04	20.78	15.13	1.04	22.19	15.26	1.05	23.30	15.55	1.04
	20	17.75	14.59	0.72	18.86	15.41	0.98	19.96	15.86	1.06	20.75	15.24	1.08	22.16	15.37	1.08	23.27	15.66	1.08
	25	17.73	14.69	0.74	18.83	15.53	1.00	19.93	15.98	1.09	20.72	15.35	1.10	22.13	15.47	1.10	23.24	15.77	1.10
	30	17.70	14.80	0.76	18.80	15.63	1.03	19.90	16.09	1.11	20.69	15.45	1.13	22.10	15.59	1.14	23.20	15.88	1.13
	35	17.68	14.90	0.78	18.77	15.74	1.05	19.88	16.20	1.14	20.66	15.56	1.16	22.07	15.69	1.16	23.17	15.99	1.16
	40	17.65	15.00	0.79	18.75	15.85	1.08	19.85	16.31	1.17	20.63	15.67	1.19	22.04	15.80	1.19	23.13	16.10	1.19
	45	17.63	15.11	0.82	18.72	15.95	1.10	19.82	16.43	1.19	20.60	15.77	1.21	22.01	15.91	1.22	23.10	16.21	1.21
	50	17.60	15.20	0.84	18.69	16.06	1.13	19.79	16.53	1.22	20.57	15.88	1.24	21.98	16.01	1.24	23.06	16.31	1.24
	55	17.57	15.31	0.85	18.67	16.17	1.15	19.76	16.64	1.25	20.54	15.98	1.27	21.94	16.12	1.27	23.03	16.43	1.27
	60	17.55	15.41	0.87	18.64	16.28	1.18	19.73	16.76	1.28	20.51	16.09	1.29	21.91	16.22	1.30	23.00	16.53	1.29
	65	17.52	15.50	0.89	18.61	16.38	1.20	19.70	16.86	1.30	20.48	16.19	1.33	21.88	16.33	1.33	22.97	16.64	1.33
	70	17.50	15.61	0.91	18.59	16.49	1.23	19.67	16.97	1.34	20.45	16.30	1.35	21.85	16.43	1.35	22.93	16.75	1.35
	75	17.08	15.35	0.97	18.16	16.24	1.27	19.25	16.73	1.37	20.03	16.08	1.39	21.41	16.24	1.40	22.49	16.56	1.41
	80	16.66	15.08	1.03	17.74	15.98	1.31	18.82	16.49	1.40	19.60	15.86	1.43	20.98	16.04	1.45	22.07	16.37	1.47
	85	16.24	14.81	1.17	17.32	15.71	1.42	18.40	16.23	1.51	19.18	15.62	1.54	20.55	15.82	1.56	21.63	16.16	1.59
	90	15.82	14.53	1.30	16.90	15.44	1.54	17.97	15.97	1.61	18.75	15.38	1.64	20.12	15.59	1.67	21.20	15.95	1.70
	95	15.37	14.38	1.44	16.44	15.30	1.64	17.51	15.85	1.70	18.00	15.05	1.67	19.65	15.51	1.75	20.72	15.88	1.79
	100	14.99	14.00	1.52	16.07	14.91	1.67	17.14	15.47	1.71	17.77	14.81	1.70	19.28	15.17	1.75	20.35	15.55	1.79
	105	14.62	13.61	1.59	15.69	14.53	1.70	16.76	15.09	1.72	17.54	14.58	1.73	18.90	14.84	1.75	19.97	15.23	1.79
	110	14.24	13.14	1.54	15.32	14.06	1.61	16.39	14.63	1.60	17.16	14.15	1.59	18.53	14.42	1.61	19.60	14.81	1.65
	115	13.87	12.75	1.39	14.94	13.66	1.40	16.01	14.24	1.37	16.79	13.79	1.34	18.15	14.08	1.35	19.22	14.47	1.39
	118	13.10	12.15	1.23	14.13	13.04	1.21	15.16	13.60	1.15	15.90	13.17	1.13	17.21	13.47	1.13	18.24	13.85	1.15
	122	12.84	11.95	1.18	13.86	12.83	1.14	14.87	13.38	1.09	15.60	12.97	1.05	16.90	13.26	1.05	17.91	13.64	1.08

Heating Capacity Table														
Model (Btu/h)	Outdoor Air Temp. (°F DB)		Indoor Air Temp. °F DB / °F WB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18K	0	-0.4	8.91	1.21	8.39	1.26	8.39	1.28	8.20	1.29	8.04	1.30	7.70	1.35
	5	4.5	10.43	1.23	9.94	1.28	9.79	1.31	9.59	1.32	9.42	1.33	9.04	1.38
	10	9	11.44	1.25	10.98	1.29	10.73	1.33	10.52	1.34	10.34	1.36	9.93	1.40
	17	15	12.56	1.27	12.12	1.31	11.77	1.36	11.54	1.38	11.36	1.40	10.92	1.43
	20	19	13.23	1.29	12.81	1.33	12.40	1.38	12.16	1.40	11.97	1.42	11.51	1.46
	25	23	14.36	1.32	13.93	1.36	13.45	1.41	13.19	1.43	12.99	1.46	12.50	1.50
	30	28	15.50	1.36	15.01	1.40	14.50	1.44	14.23	1.47	14.02	1.50	13.50	1.53
	35	32	16.62	1.39	16.09	1.44	15.55	1.48	15.27	1.51	15.04	1.53	14.50	1.58
	40	36	17.47	1.43	16.98	1.48	16.44	1.52	16.15	1.56	15.93	1.58	15.35	1.62
	45	41	18.53	1.48	18.09	1.53	17.55	1.58	17.26	1.61	17.03	1.63	16.41	1.68
	47	43	18.95	1.50	18.53	1.55	18.00	1.60	17.70	1.63	17.47	1.65	16.83	1.70
	50	46	19.01	1.49	18.62	1.53	18.16	1.58	17.90	1.61	17.69	1.62	17.10	1.67
	55	51	19.10	1.48	18.79	1.51	18.44	1.55	18.22	1.56	18.06	1.58	17.52	1.61
	60	56	19.19	1.46	18.94	1.48	18.71	1.51	18.55	1.53	18.42	1.53	17.95	1.56
	63	59	19.25	1.45	19.04	1.47	18.87	1.50	18.75	1.51	18.64	1.51	18.21	1.53
68	64	19.30	1.44	19.13	1.46	19.04	1.48	18.94	1.48	18.87	1.48	18.47	1.50	

Remarks:

TC: Total Cooling Capacity (Gross)

SHC: Sensible Heat Capacity (Gross) PI: Power Input (including the compressor, evap. fan motor & cond. fan motor)

DB: Dry Bulb Temperature

WB: Wet Bulb Temperature

Capacities and selection data

Cooling Capacity Table																			
Model (Btu/h)	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB																	
		68 / 57			73 / 61			77 / 64			80 / 67			86 / 72			90 / 75		
		TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
24K	5	23.77	19.04	0.92	25.25	20.11	1.24	26.73	20.70	1.34	27.79	19.88	1.36	29.68	20.05	1.36	31.15	20.43	1.36
	10	23.74	19.18	0.94	25.21	20.26	1.27	26.69	20.85	1.37	27.75	20.03	1.40	29.64	20.20	1.40	31.11	20.58	1.40
	15	23.70	19.32	0.96	25.18	20.41	1.31	26.65	21.00	1.42	27.71	20.17	1.43	29.59	20.34	1.44	31.07	20.73	1.43
	20	23.67	19.45	0.98	25.14	20.55	1.34	26.61	21.15	1.45	27.67	20.32	1.48	29.55	20.49	1.48	31.02	20.88	1.48
	25	23.64	19.59	1.02	25.10	20.70	1.37	26.57	21.30	1.49	27.63	20.46	1.51	29.51	20.63	1.51	30.98	21.02	1.51
	30	23.60	19.73	1.04	25.07	20.84	1.41	26.53	21.45	1.52	27.59	20.60	1.55	29.47	20.78	1.56	30.93	21.17	1.55
	35	23.57	19.87	1.06	25.03	20.98	1.44	26.50	21.60	1.57	27.55	20.75	1.59	29.42	20.92	1.59	30.89	21.32	1.59
	40	23.53	20.00	1.09	25.00	21.13	1.48	26.46	21.75	1.60	27.51	20.89	1.63	29.38	21.06	1.63	30.84	21.46	1.63
	45	23.50	20.14	1.12	24.96	21.27	1.51	26.42	21.90	1.64	27.47	21.03	1.66	29.34	21.21	1.67	30.80	21.61	1.66
	50	23.47	20.27	1.15	24.92	21.41	1.55	26.38	22.04	1.67	27.43	21.17	1.71	29.30	21.35	1.71	30.75	21.75	1.71
	55	23.43	20.41	1.17	24.89	21.56	1.58	26.34	22.19	1.72	27.39	21.31	1.74	29.25	21.49	1.74	30.71	21.90	1.74
	60	23.40	20.54	1.19	24.85	21.70	1.61	26.30	22.34	1.75	27.35	21.45	1.77	29.21	21.63	1.79	30.66	22.04	1.77
	65	23.36	20.67	1.23	24.81	21.84	1.65	26.27	22.48	1.79	27.31	21.59	1.82	29.17	21.77	1.82	30.62	22.19	1.82
	70	23.33	20.81	1.25	24.78	21.98	1.68	26.23	22.63	1.83	27.27	21.73	1.85	29.13	21.91	1.85	30.57	22.33	1.85
	75	22.77	20.46	1.33	24.21	21.65	1.74	25.66	22.31	1.88	26.70	21.44	1.91	28.55	21.65	1.92	29.99	22.08	1.94
	80	22.21	20.11	1.41	23.65	21.30	1.80	25.09	21.98	1.92	26.13	21.14	1.96	27.97	21.38	1.99	29.42	21.82	2.02
	85	21.65	19.75	1.60	23.09	20.95	1.95	24.53	21.64	2.07	25.57	20.83	2.11	27.40	21.09	2.14	28.84	21.54	2.18
	90	21.09	19.37	1.79	22.53	20.58	2.11	23.96	21.29	2.21	25.00	20.51	2.24	26.83	20.79	2.29	28.27	21.26	2.32
	95	20.49	19.17	1.98	21.92	20.40	2.24	23.35	21.13	2.32	24.00	20.06	2.29	26.20	20.68	2.40	27.63	21.17	2.45
	100	19.99	18.66	2.08	21.42	19.88	2.29	22.85	20.62	2.35	23.69	19.75	2.32	25.70	20.23	2.40	27.13	20.73	2.45
	105	19.49	18.14	2.18	20.92	19.37	2.34	22.35	20.12	2.36	23.38	19.44	2.37	25.20	19.79	2.40	26.63	20.30	2.45
	110	18.99	17.52	2.12	20.42	18.74	2.21	21.85	19.50	2.20	22.88	18.86	2.19	24.70	19.23	2.21	26.13	19.74	2.27
	115	18.49	17.00	1.90	19.92	18.21	1.92	21.35	18.98	1.88	22.38	18.38	1.84	24.20	18.77	1.85	25.63	19.29	1.90
	118	17.47	16.20	1.68	18.84	17.38	1.66	20.21	18.13	1.58	21.20	17.56	1.55	22.95	17.96	1.55	24.32	18.47	1.58
	122	17.12	15.93	1.61	18.48	17.10	1.57	19.83	17.84	1.49	20.80	17.29	1.44	22.53	17.68	1.44	23.88	18.19	1.48

Heating Capacity Table														
Model (Btu/h)	Outdoor Air Temp. (°F DB)		Indoor Air Temp. °F DB / °F WB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24K	0	-0.4	11.88	1.48	11.19	1.54	11.18	1.56	10.93	1.58	10.72	1.58	10.27	1.65
	5	4.5	13.90	1.51	13.25	1.56	13.05	1.59	12.78	1.61	12.56	1.63	12.06	1.68
	10	9	15.26	1.52	14.64	1.58	14.31	1.62	14.02	1.64	13.79	1.65	13.25	1.71
	17	15	16.74	1.55	16.16	1.60	15.69	1.65	15.39	1.68	15.14	1.71	14.56	1.75
	20	19	17.64	1.58	17.08	1.62	16.53	1.68	16.22	1.71	15.97	1.73	15.35	1.78
	25	23	19.15	1.61	18.58	1.65	17.93	1.71	17.59	1.75	17.32	1.78	16.67	1.83
	30	28	20.66	1.65	20.01	1.71	19.33	1.76	18.97	1.79	18.69	1.83	18.00	1.87
	35	32	22.16	1.70	21.46	1.76	20.73	1.80	20.35	1.85	20.06	1.87	19.33	1.92
	40	36	23.29	1.74	22.64	1.80	21.92	1.85	21.53	1.90	21.24	1.92	20.47	1.98
	45	41	24.71	1.80	24.11	1.86	23.41	1.92	23.01	1.96	22.71	1.98	21.88	2.05
	47	43	25.27	1.83	24.71	1.89	24.00	1.95	23.61	1.98	23.29	2.01	22.44	2.07
	50	46	25.35	1.82	24.83	1.87	24.22	1.92	23.87	1.96	23.59	1.98	22.79	2.04
	55	51	25.47	1.80	25.05	1.85	24.59	1.89	24.30	1.91	24.08	1.92	23.36	1.97
	60	56	25.59	1.78	25.26	1.81	24.94	1.85	24.73	1.86	24.56	1.87	23.94	1.90
	63	59	25.66	1.77	25.38	1.79	25.16	1.83	25.00	1.84	24.86	1.84	24.28	1.86
68	64	25.74	1.76	25.51	1.78	25.39	1.80	25.26	1.80	25.15	1.81	24.63	1.83	

Remarks:

TC: Total Cooling Capacity (Gross)

SHC: Sensible Heat Capacity (Gross) PI: Power Input (including the compressor, evap. fan motor & cond. fan motor)

DB: Dry Bulb Temperature

WB: Wet Bulb Temperature

Capacities and selection data

Cooling Capacity Table																			
Model (Btu/h)	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB																	
		68 / 57			73 / 61			77 / 64			80 / 67			86 / 72			90 / 75		
		TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
36K	5	10.41	8.33	1.32	11.05	8.80	1.78	11.70	9.06	1.92	12.17	8.70	1.96	12.99	8.78	1.96	13.64	8.94	1.96
	10	10.39	8.40	1.35	11.04	8.87	1.83	11.68	9.13	1.97	12.15	8.77	2.01	12.97	8.84	2.01	13.62	9.01	2.01
	15	10.37	8.46	1.38	11.02	8.93	1.87	11.67	9.19	2.04	12.13	8.83	2.06	12.95	8.90	2.07	13.60	9.07	2.06
	20	10.36	8.51	1.41	11.01	9.00	1.92	11.65	9.26	2.09	12.11	8.90	2.12	12.94	8.97	2.12	13.58	9.14	2.12
	25	10.35	8.58	1.46	10.99	9.06	1.97	11.63	9.32	2.14	12.10	8.96	2.17	12.92	9.03	2.17	13.56	9.20	2.17
	30	10.33	8.64	1.50	10.97	9.12	2.02	11.61	9.39	2.19	12.08	9.02	2.22	12.90	9.10	2.24	13.54	9.27	2.22
	35	10.32	8.70	1.53	10.96	9.18	2.07	11.60	9.46	2.25	12.06	9.08	2.29	12.88	9.16	2.29	13.52	9.33	2.29
	40	10.30	8.76	1.56	10.94	9.25	2.12	11.58	9.52	2.30	12.04	9.14	2.34	12.86	9.22	2.34	13.50	9.39	2.34
	45	10.29	8.82	1.61	10.93	9.31	2.17	11.57	9.59	2.35	12.02	9.21	2.38	12.84	9.28	2.40	13.48	9.46	2.38
	50	10.27	8.87	1.64	10.91	9.37	2.22	11.55	9.65	2.40	12.01	9.27	2.45	12.83	9.35	2.45	13.46	9.52	2.45
	55	10.26	8.93	1.68	10.90	9.44	2.27	11.53	9.71	2.47	11.99	9.33	2.50	12.80	9.41	2.50	13.44	9.59	2.50
	60	10.24	8.99	1.71	10.88	9.50	2.32	11.51	9.78	2.52	11.97	9.39	2.55	12.79	9.47	2.57	13.42	9.65	2.55
	65	10.23	9.05	1.76	10.86	9.56	2.37	11.50	9.84	2.57	11.95	9.45	2.61	12.77	9.53	2.61	13.40	9.71	2.61
	70	10.21	9.11	1.79	10.85	9.62	2.42	11.48	9.91	2.63	11.94	9.51	2.66	12.75	9.59	2.66	13.38	9.77	2.66
	75	9.97	8.96	1.91	10.60	9.48	2.50	11.23	9.77	2.70	11.69	9.39	2.75	12.50	9.48	2.76	13.13	9.67	2.78
	80	9.72	8.80	2.02	10.35	9.32	2.58	10.98	9.62	2.76	11.44	9.25	2.81	12.24	9.36	2.86	12.88	9.55	2.89
	85	9.48	8.65	2.30	10.11	9.17	2.80	10.74	9.47	2.98	11.19	9.12	3.03	11.99	9.23	3.08	12.62	9.43	3.12
	90	9.23	8.48	2.57	9.86	9.01	3.03	10.49	9.32	3.17	10.94	8.98	3.22	11.74	9.10	3.29	12.38	9.31	3.34
	95	8.97	8.39	2.84	9.60	8.93	3.22	10.22	9.25	3.34	10.51	8.78	3.29	11.47	9.05	3.45	12.10	9.27	3.52
	100	8.75	8.17	2.99	9.38	8.70	3.29	10.00	9.03	3.37	10.37	8.65	3.34	11.25	8.86	3.45	11.88	9.07	3.52
	105	8.53	7.94	3.12	9.16	8.48	3.35	9.78	8.81	3.39	10.23	8.51	3.40	11.03	8.66	3.45	11.66	8.89	3.52
	110	8.31	7.67	3.04	8.94	8.20	3.17	9.56	8.54	3.16	10.02	8.26	3.14	10.81	8.42	3.17	11.44	8.64	3.26
	115	8.09	7.44	2.73	8.72	7.97	2.76	9.35	8.31	2.70	9.80	8.05	2.65	10.59	8.22	2.66	11.22	8.44	2.73
	118	7.65	7.09	2.42	8.25	7.61	2.38	8.85	7.94	2.27	9.28	7.69	2.22	10.05	7.86	2.22	10.65	8.09	2.27
	122	7.49	6.97	2.32	8.09	7.49	2.25	8.68	7.81	2.14	9.11	7.57	2.07	9.86	7.74	2.07	10.45	7.96	2.12

Heating Capacity Table														
Model (Btu/h)	Outdoor Air Temp. (°F DB)		Indoor Air Temp. °F DB / °F WB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36K	0	-0.4	5.51	2.52	5.19	2.62	5.19	2.65	5.07	2.68	4.97	2.70	4.76	2.80
	5	4.5	6.45	2.56	6.15	2.65	6.05	2.71	5.93	2.74	5.82	2.77	5.59	2.86
	10	9	7.08	2.59	6.79	2.68	6.64	2.75	6.50	2.78	6.39	2.81	6.14	2.90
	17	15	7.76	2.64	7.49	2.72	7.28	2.81	7.14	2.86	7.02	2.90	6.75	2.98
	20	19	8.18	2.68	7.92	2.75	7.67	2.86	7.52	2.90	7.40	2.95	7.12	3.02
	25	23	8.88	2.74	8.62	2.81	8.32	2.92	8.16	2.98	8.03	3.02	7.73	3.11
	30	28	9.58	2.81	9.28	2.90	8.96	2.99	8.80	3.05	8.67	3.11	8.35	3.18
	35	32	10.28	2.89	9.95	2.99	9.61	3.07	9.44	3.14	9.30	3.18	8.96	3.27
	40	36	10.80	2.96	10.50	3.07	10.16	3.15	9.99	3.23	9.85	3.27	9.49	3.36
	45	41	11.46	3.07	11.18	3.17	10.85	3.27	10.67	3.33	10.53	3.38	10.14	3.48
	47	43	11.72	3.11	11.46	3.21	11.13	3.32	10.95	3.38	10.80	3.42	10.41	3.52
	50	46	11.75	3.09	11.52	3.18	11.23	3.27	11.07	3.33	10.94	3.36	10.57	3.47
	55	51	11.81	3.07	11.62	3.14	11.40	3.21	11.27	3.24	11.17	3.27	10.83	3.35
	60	56	11.87	3.02	11.71	3.08	11.57	3.14	11.47	3.17	11.39	3.18	11.10	3.23
	63	59	11.90	3.01	11.77	3.05	11.67	3.11	11.59	3.12	11.53	3.12	11.26	3.17
	68	64	11.94	2.99	11.83	3.02	11.77	3.07	11.71	3.07	11.67	3.08	11.42	3.11

Remarks:
 TC: Total Cooling Capacity (Gross)
 SHC: Sensible Heat Capacity (Gross)
 PI: Power Input (including the compressor,
 evap. fan motor & cond. fan motor)
 DB: Dry Bulb Temperature
 WB: Wet Bulb Temperature

Capacities and selection data

Cassette

Cooling Capacity Table																			
Model (Btu/h)	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB																	
		68 / 57			73 / 61			77 / 64			80 / 67			86 / 72			90 / 75		
		TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
9K	5	8.91	7.14	0.28	9.47	7.54	0.38	10.02	7.76	0.41	10.42	7.46	0.42	11.13	7.52	0.42	11.68	7.66	0.42
	10	8.90	7.19	0.29	9.45	7.60	0.39	10.01	7.82	0.42	10.41	7.51	0.43	11.12	7.58	0.43	11.67	7.72	0.43
	15	8.89	7.25	0.29	9.44	7.65	0.40	9.99	7.88	0.43	10.39	7.56	0.44	11.10	7.63	0.44	11.65	7.77	0.44
	20	8.88	7.29	0.30	9.43	7.71	0.41	9.98	7.93	0.44	10.38	7.62	0.45	11.08	7.68	0.45	11.63	7.83	0.45
	25	8.87	7.35	0.31	9.41	7.76	0.42	9.96	7.99	0.46	10.36	7.67	0.46	11.07	7.74	0.46	11.62	7.88	0.46
	30	8.85	7.40	0.32	9.40	7.82	0.43	9.95	8.04	0.47	10.35	7.73	0.47	11.05	7.79	0.48	11.60	7.94	0.47
	35	8.84	7.45	0.33	9.39	7.87	0.44	9.94	8.10	0.48	10.33	7.78	0.49	11.03	7.85	0.49	11.58	8.00	0.49
	40	8.82	7.50	0.33	9.38	7.92	0.45	9.92	8.16	0.49	10.32	7.83	0.50	11.02	7.90	0.50	11.57	8.05	0.50
	45	8.81	7.55	0.34	9.36	7.98	0.46	9.91	8.21	0.50	10.30	7.89	0.51	11.00	7.95	0.51	11.55	8.10	0.51
	50	8.80	7.60	0.35	9.35	8.03	0.47	9.89	8.27	0.51	10.29	7.94	0.52	10.99	8.01	0.52	11.53	8.16	0.52
	55	8.79	7.65	0.36	9.33	8.09	0.48	9.88	8.32	0.53	10.27	7.99	0.53	10.97	8.06	0.53	11.52	8.21	0.53
	60	8.78	7.70	0.36	9.32	8.14	0.49	9.86	8.38	0.54	10.26	8.04	0.54	10.95	8.11	0.55	11.50	8.27	0.54
	65	8.76	7.75	0.37	9.30	8.19	0.50	9.85	8.43	0.55	10.24	8.10	0.56	10.94	8.16	0.56	11.48	8.32	0.56
	70	8.75	7.80	0.38	9.29	8.24	0.51	9.84	8.49	0.56	10.23	8.15	0.57	10.92	8.22	0.57	11.46	8.37	0.57
	75	8.54	7.67	0.41	9.08	8.12	0.53	9.62	8.37	0.57	10.01	8.04	0.58	10.71	8.12	0.59	11.25	8.28	0.59
	80	8.33	7.54	0.43	8.87	7.99	0.55	9.41	8.24	0.59	9.80	7.93	0.60	10.49	8.02	0.61	11.03	8.18	0.62
	85	8.12	7.41	0.49	8.66	7.86	0.60	9.20	8.12	0.63	9.59	7.81	0.64	10.28	7.91	0.65	10.82	8.08	0.67
	90	7.91	7.26	0.55	8.45	7.72	0.64	8.99	7.98	0.68	9.38	7.69	0.69	10.06	7.80	0.70	10.60	7.97	0.71
	95	7.68	7.19	0.61	8.22	7.65	0.69	8.76	7.92	0.71	9.00	7.52	0.70	9.83	7.76	0.74	10.36	7.94	0.75
	100	7.50	7.00	0.64	8.03	7.46	0.70	8.57	7.73	0.72	8.88	7.41	0.71	9.64	7.59	0.74	10.17	7.77	0.75
	105	7.31	6.80	0.67	7.85	7.26	0.71	8.38	7.55	0.72	8.77	7.29	0.72	9.45	7.42	0.74	9.99	7.61	0.75
	110	7.12	6.57	0.65	7.66	7.03	0.68	8.19	7.31	0.67	8.58	7.07	0.67	9.26	7.21	0.68	9.80	7.40	0.69
	115	6.93	6.38	0.58	7.47	6.83	0.59	8.01	7.12	0.57	8.39	6.89	0.56	9.08	7.04	0.57	9.61	7.23	0.58
	118	6.55	6.08	0.51	7.07	6.52	0.51	7.58	6.80	0.48	7.95	6.59	0.47	8.61	6.74	0.47	9.12	6.93	0.48
	122	6.42	5.97	0.49	6.93	6.41	0.48	7.44	6.69	0.46	7.80	6.48	0.44	8.45	6.63	0.44	8.96	6.82	0.45

Heating Capacity Table														
Model (Btu/h)	Outdoor Air Temp. (°F DB)		Indoor Air Temp. °F DB / °F WB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
9K	0	-0.4	4.46	0.48	4.20	0.50	4.19	0.51	4.10	0.52	4.02	0.52	3.85	0.54
	5	4.5	5.21	0.49	4.97	0.51	4.90	0.52	4.79	0.53	4.71	0.53	4.52	0.55
	10	9	5.72	0.50	5.49	0.52	5.37	0.53	5.26	0.54	5.17	0.54	4.97	0.56
	17	15	6.28	0.51	6.06	0.52	5.89	0.54	5.77	0.55	5.68	0.56	5.46	0.57
	20	19	6.62	0.52	6.41	0.53	6.20	0.55	6.08	0.56	5.99	0.57	5.76	0.58
	25	23	7.18	0.53	6.97	0.54	6.72	0.56	6.60	0.57	6.50	0.58	6.25	0.60
	30	28	7.75	0.54	7.50	0.56	7.25	0.58	7.11	0.59	7.01	0.60	6.75	0.61
	35	32	8.31	0.56	8.05	0.58	7.77	0.59	7.63	0.60	7.52	0.61	7.25	0.63
	40	36	8.73	0.57	8.49	0.59	8.22	0.61	8.08	0.62	7.96	0.63	7.68	0.65
	45	41	9.27	0.59	9.04	0.61	8.78	0.63	8.63	0.64	8.51	0.65	8.20	0.67
	47	43	9.48	0.60	9.27	0.62	9.00	0.64	8.85	0.65	8.73	0.66	8.42	0.68
	50	46	9.50	0.60	9.31	0.61	9.08	0.63	8.95	0.64	8.85	0.65	8.55	0.67
	55	51	9.55	0.59	9.39	0.60	9.22	0.62	9.11	0.62	9.03	0.63	8.76	0.64
	60	56	9.60	0.58	9.47	0.59	9.35	0.60	9.28	0.61	9.21	0.61	8.98	0.62
	63	59	9.62	0.58	9.52	0.59	9.44	0.60	9.37	0.60	9.32	0.60	9.10	0.61
	68	64	9.65	0.58	9.57	0.58	9.52	0.59	9.47	0.59	9.43	0.59	9.24	0.60

Remarks:
 TC: Total Cooling Capacity (Gross)
 SHC: Sensible Heat Capacity (Gross)
 PI: Power Input (including the compressor,
 evap. fan motor & cond. fan motor)
 DB: Dry Bulb Temperature
 WB: Wet Bulb Temperature

Capacities and selection data

Cooling Capacity Table																			
Model (Btu/h)	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB																	
		68 / 57			73 / 61			77 / 64			80 / 67			86 / 72			90 / 75		
		TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
12K	5	11.89	9.52	0.38	12.63	10.06	0.52	13.37	10.35	0.56	13.90	9.94	0.57	14.84	10.03	0.57	15.58	10.22	0.57
	10	11.87	9.59	0.39	12.61	10.13	0.53	13.35	10.43	0.58	13.88	10.02	0.59	14.82	10.10	0.59	15.56	10.29	0.59
	15	11.85	9.66	0.40	12.59	10.21	0.55	13.33	10.50	0.60	13.86	10.09	0.60	14.80	10.17	0.60	15.54	10.37	0.60
	20	11.84	9.73	0.41	12.57	10.28	0.56	13.31	10.58	0.61	13.84	10.16	0.62	14.78	10.25	0.62	15.51	10.44	0.62
	25	11.82	9.80	0.43	12.55	10.35	0.58	13.29	10.65	0.62	13.82	10.23	0.63	14.76	10.32	0.63	15.49	10.51	0.63
	30	11.80	9.87	0.44	12.54	10.42	0.59	13.27	10.73	0.64	13.80	10.30	0.65	14.74	10.39	0.65	15.47	10.59	0.65
	35	11.79	9.94	0.45	12.52	10.49	0.60	13.25	10.80	0.66	13.78	10.38	0.67	14.71	10.46	0.67	15.45	10.66	0.67
	40	11.77	10.00	0.46	12.50	10.57	0.62	13.23	10.88	0.67	13.76	10.45	0.68	14.69	10.53	0.68	15.42	10.73	0.68
	45	11.75	10.07	0.47	12.48	10.64	0.63	13.21	10.95	0.69	13.74	10.52	0.70	14.67	10.61	0.70	15.40	10.81	0.70
	50	11.74	10.14	0.48	12.46	10.71	0.65	13.19	11.02	0.70	13.72	10.59	0.72	14.65	10.68	0.72	15.38	10.88	0.72
	55	11.72	10.21	0.49	12.45	10.78	0.66	13.17	11.10	0.72	13.70	10.66	0.73	14.63	10.75	0.73	15.36	10.95	0.73
	60	11.70	10.27	0.50	12.43	10.85	0.68	13.15	11.17	0.73	13.68	10.73	0.74	14.61	10.82	0.75	15.33	11.02	0.74
	65	11.68	10.34	0.51	12.41	10.92	0.69	13.14	11.24	0.75	13.66	10.80	0.76	14.59	10.89	0.76	15.31	11.10	0.76
	70	11.67	10.41	0.52	12.39	10.99	0.71	13.12	11.32	0.77	13.64	10.87	0.78	14.57	10.96	0.78	15.29	11.17	0.78
	75	11.39	10.23	0.56	12.11	10.83	0.73	12.83	11.16	0.79	13.35	10.72	0.80	14.28	10.83	0.81	15.00	11.04	0.81
	80	11.11	10.06	0.59	11.83	10.65	0.75	12.55	10.99	0.81	13.07	10.57	0.82	13.99	10.69	0.84	14.71	10.91	0.84
	85	10.83	9.88	0.67	11.55	10.48	0.82	12.27	10.82	0.87	12.79	10.42	0.88	13.70	10.55	0.90	14.42	10.77	0.91
	90	10.55	9.69	0.75	11.27	10.29	0.88	11.98	10.65	0.93	12.50	10.26	0.94	13.42	10.40	0.96	14.14	10.63	0.97
	95	10.25	9.59	0.83	10.96	10.20	0.94	11.68	10.57	0.97	12.00	10.03	0.96	13.10	10.34	1.01	13.82	10.59	1.03
	100	10.00	9.33	0.87	10.71	9.94	0.96	11.43	10.31	0.98	11.85	9.88	0.97	12.85	10.12	1.01	13.57	10.37	1.03
	105	9.75	9.07	0.91	10.46	9.69	0.98	11.18	10.06	0.99	11.69	9.72	0.99	12.60	9.90	1.01	13.32	10.15	1.03
	110	9.50	8.76	0.89	10.21	9.37	0.93	10.93	9.75	0.92	11.44	9.43	0.92	12.35	9.62	0.93	13.07	9.87	0.95
	115	9.25	8.50	0.80	9.96	9.11	0.81	10.68	9.49	0.79	11.19	9.19	0.77	12.10	9.39	0.78	12.82	9.65	0.80
	118	8.74	8.10	0.71	9.42	8.69	0.70	10.11	9.07	0.66	10.60	8.78	0.65	11.48	8.98	0.65	12.16	9.24	0.66
	122	8.56	7.97	0.68	9.24	8.55	0.66	9.92	8.92	0.62	10.40	8.65	0.60	11.27	8.84	0.60	11.94	9.10	0.62

Heating Capacity Table														
Model (Btu/h)	Outdoor Air Temp. (°F DB)		Indoor Air Temp. °F DB / °F WB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
12K	0	-0.4	5.94	0.70	5.60	0.73	5.59	0.74	5.46	0.75	5.36	0.75	5.14	0.78
	5	4.5	6.95	0.71	6.63	0.74	6.53	0.75	6.39	0.76	6.28	0.77	6.03	0.80
	10	9	7.63	0.72	7.32	0.75	7.16	0.77	7.01	0.77	6.89	0.78	6.62	0.81
	17	15	8.37	0.73	8.08	0.76	7.85	0.78	7.69	0.80	7.57	0.81	7.28	0.83
	20	19	8.82	0.75	8.54	0.77	8.27	0.80	8.11	0.81	7.98	0.82	7.68	0.84
	25	23	9.57	0.76	9.29	0.78	8.97	0.81	8.80	0.83	8.66	0.84	8.34	0.87
	30	28	10.33	0.78	10.01	0.81	9.67	0.83	9.49	0.85	9.35	0.87	9.00	0.89
	35	32	11.08	0.80	10.73	0.83	10.37	0.85	10.18	0.87	10.03	0.89	9.67	0.91
	40	36	11.65	0.82	11.32	0.85	10.96	0.88	10.77	0.90	10.62	0.91	10.23	0.94
	45	41	12.35	0.85	12.06	0.88	11.70	0.91	11.51	0.93	11.35	0.94	10.94	0.97
	47	43	12.63	0.87	12.35	0.89	12.00	0.92	11.80	0.94	11.65	0.95	11.22	0.98
	50	46	12.67	0.86	12.42	0.89	12.11	0.91	11.93	0.93	11.79	0.94	11.40	0.96
	55	51	12.73	0.85	12.52	0.87	12.29	0.89	12.15	0.90	12.04	0.91	11.68	0.93
	60	56	12.80	0.84	12.63	0.86	12.47	0.87	12.37	0.88	12.28	0.89	11.97	0.90
	63	59	12.83	0.84	12.69	0.85	12.58	0.87	12.50	0.87	12.43	0.87	12.14	0.88
	68	64	12.87	0.83	12.76	0.84	12.70	0.85	12.63	0.85	12.58	0.86	12.31	0.87

Remarks:
 TC: Total Cooling Capacity (Gross)
 SHC: Sensible Heat Capacity (Gross)
 PI: Power Input (including the compressor,
 evap. fan motor & cond. fan motor)
 DB: Dry Bulb Temperature
 WB: Wet Bulb Temperature

Capacities and selection data

Cooling Capacity Table																			
Model (Btu/h)	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB																	
		68 / 57			73 / 61			77 / 64			80 / 67			86 / 72			90 / 75		
		TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
18K	5	17.83	14.28	0.57	18.94	15.08	0.77	20.05	15.53	0.83	20.84	14.91	0.84	22.26	15.04	0.84	23.36	15.32	0.84
	10	17.81	14.39	0.58	18.91	15.20	0.79	20.02	15.64	0.85	20.81	15.02	0.87	22.23	15.15	0.87	23.33	15.44	0.87
	15	17.78	14.49	0.60	18.89	15.31	0.81	19.99	15.75	0.88	20.78	15.13	0.89	22.19	15.26	0.89	23.30	15.55	0.89
	20	17.75	14.59	0.61	18.86	15.41	0.83	19.96	15.86	0.90	20.75	15.24	0.92	22.16	15.37	0.92	23.27	15.66	0.92
	25	17.73	14.69	0.63	18.83	15.53	0.85	19.93	15.98	0.92	20.72	15.35	0.94	22.13	15.47	0.94	23.24	15.77	0.94
	30	17.70	14.80	0.65	18.80	15.63	0.87	19.90	16.09	0.94	20.69	15.45	0.96	22.10	15.59	0.97	23.20	15.88	0.96
	35	17.68	14.90	0.66	18.77	15.74	0.89	19.88	16.20	0.97	20.66	15.56	0.99	22.07	15.69	0.99	23.17	15.99	0.99
	40	17.65	15.00	0.67	18.75	15.85	0.92	19.85	16.31	0.99	20.63	15.67	1.01	22.04	15.80	1.01	23.13	16.10	1.01
	45	17.63	15.11	0.70	18.72	15.95	0.94	19.82	16.43	1.02	20.60	15.77	1.03	22.01	15.91	1.04	23.10	16.21	1.03
	50	17.60	15.20	0.71	18.69	16.06	0.96	19.79	16.53	1.04	20.57	15.88	1.06	21.98	16.01	1.06	23.06	16.31	1.06
	55	17.57	15.31	0.72	18.67	16.17	0.98	19.76	16.64	1.07	20.54	15.98	1.08	21.94	16.12	1.08	23.03	16.43	1.08
	60	17.55	15.41	0.74	18.64	16.28	1.00	19.73	16.76	1.09	20.51	16.09	1.10	21.91	16.22	1.11	23.00	16.53	1.10
	65	17.52	15.50	0.76	18.61	16.38	1.02	19.70	16.86	1.11	20.48	16.19	1.13	21.88	16.33	1.13	22.97	16.64	1.13
	70	17.50	15.61	0.77	18.59	16.49	1.04	19.67	16.97	1.14	20.45	16.30	1.15	21.85	16.43	1.15	22.93	16.75	1.15
	75	17.08	15.35	0.82	18.16	16.24	1.08	19.25	16.73	1.16	20.03	16.08	1.19	21.41	16.24	1.19	22.49	16.56	1.20
	80	16.66	15.08	0.87	17.74	15.98	1.11	18.82	16.49	1.19	19.60	15.86	1.21	20.98	16.04	1.24	22.07	16.37	1.25
	85	16.24	14.81	0.99	17.32	15.71	1.21	18.40	16.23	1.29	19.18	15.62	1.31	20.55	15.82	1.33	21.63	16.16	1.35
	90	15.82	14.53	1.11	16.90	15.44	1.31	17.97	15.97	1.37	18.75	15.38	1.39	20.12	15.59	1.42	21.20	15.95	1.44
	95	15.37	14.38	1.23	16.44	15.30	1.39	17.51	15.85	1.44	18.00	15.05	1.42	19.65	15.51	1.49	20.72	15.88	1.52
	100	14.99	14.00	1.29	16.07	14.91	1.42	17.14	15.47	1.46	17.77	14.81	1.44	19.28	15.17	1.49	20.35	15.55	1.52
	105	14.62	13.61	1.35	15.69	14.53	1.45	16.76	15.09	1.46	17.54	14.58	1.47	18.90	14.84	1.49	19.97	15.23	1.52
	110	14.24	13.14	1.31	15.32	14.06	1.37	16.39	14.63	1.36	17.16	14.15	1.36	18.53	14.42	1.37	19.60	14.81	1.41
	115	13.87	12.75	1.18	14.94	13.66	1.19	16.01	14.24	1.16	16.79	13.79	1.14	18.15	14.08	1.15	19.22	14.47	1.18
	118	13.10	12.15	1.04	14.13	13.04	1.03	15.16	13.60	0.98	15.90	13.17	0.96	17.21	13.47	0.96	18.24	13.85	0.98
	122	12.84	11.95	1.00	13.86	12.83	0.97	14.87	13.38	0.92	15.60	12.97	0.89	16.90	13.26	0.89	17.91	13.64	0.92

Heating Capacity Table														
Model (Btu/h)	Outdoor Air Temp. (°F DB)		Indoor Air Temp. °F DB / °F WB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18K	0	-0.4	8.91	1.02	8.39	1.07	8.39	1.08	8.20	1.09	8.04	1.10	7.70	1.14
	5	4.5	10.43	1.04	9.94	1.08	9.79	1.10	9.59	1.11	9.42	1.13	9.04	1.16
	10	9	11.44	1.05	10.98	1.09	10.73	1.12	10.52	1.13	10.34	1.15	9.93	1.18
	17	15	12.56	1.07	12.12	1.11	11.77	1.15	11.54	1.16	11.36	1.18	10.92	1.21
	20	19	13.23	1.09	12.81	1.12	12.40	1.16	12.16	1.18	11.97	1.20	11.51	1.23
	25	23	14.36	1.11	13.93	1.15	13.45	1.19	13.19	1.21	12.99	1.23	12.50	1.27
	30	28	15.50	1.15	15.01	1.18	14.50	1.22	14.23	1.24	14.02	1.27	13.50	1.30
	35	32	16.62	1.18	16.09	1.22	15.55	1.25	15.27	1.28	15.04	1.30	14.50	1.33
	40	36	17.47	1.21	16.98	1.25	16.44	1.28	16.15	1.31	15.93	1.33	15.35	1.37
	45	41	18.53	1.25	18.09	1.29	17.55	1.33	17.26	1.36	17.03	1.37	16.41	1.42
	47	43	18.95	1.27	18.53	1.31	18.00	1.35	17.70	1.37	17.47	1.39	16.83	1.43
	50	46	19.01	1.26	18.62	1.30	18.16	1.33	17.90	1.36	17.69	1.37	17.10	1.41
	55	51	19.10	1.25	18.79	1.28	18.44	1.31	18.22	1.32	18.06	1.33	17.52	1.36
	60	56	19.19	1.23	18.94	1.25	18.71	1.28	18.55	1.29	18.42	1.30	17.95	1.31
	63	59	19.25	1.22	19.04	1.24	18.87	1.27	18.75	1.27	18.64	1.27	18.21	1.29
	68	64	19.30	1.22	19.13	1.23	19.04	1.25	18.94	1.25	18.87	1.25	18.47	1.27

Remarks:
 TC: Total Cooling Capacity (Gross)
 SHC: Sensible Heat Capacity (Gross)
 PI: Power Input (including the compressor,
 evap. fan motor & cond. fan motor)
 DB: Dry Bulb Temperature
 WB: Wet Bulb Temperature

Capacities and selection data

Cooling Capacity Table																			
Model (Btu/h)	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB																	
		68 / 57			73 / 61			77 / 64			80 / 67			86 / 72			90 / 75		
		TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
24K	5	23.77	19.04	0.77	25.25	20.11	1.04	26.73	20.70	1.12	27.79	19.88	1.14	29.68	20.05	1.14	31.15	20.43	1.14
	10	23.74	19.18	0.79	25.21	20.26	1.07	26.69	20.85	1.15	27.75	20.03	1.17	29.64	20.20	1.17	31.11	20.58	1.17
	15	23.70	19.32	0.81	25.18	20.41	1.09	26.65	21.00	1.19	27.71	20.17	1.20	29.59	20.34	1.21	31.07	20.73	1.20
	20	23.67	19.45	0.83	25.14	20.55	1.12	26.61	21.15	1.22	27.67	20.32	1.24	29.55	20.49	1.24	31.02	20.88	1.24
	25	23.64	19.59	0.85	25.10	20.70	1.15	26.57	21.30	1.25	27.63	20.46	1.27	29.51	20.63	1.27	30.98	21.02	1.27
	30	23.60	19.73	0.87	25.07	20.84	1.18	26.53	21.45	1.28	27.59	20.60	1.30	29.47	20.78	1.31	30.93	21.17	1.30
	35	23.57	19.87	0.89	25.03	20.98	1.21	26.50	21.60	1.32	27.55	20.75	1.33	29.42	20.92	1.33	30.89	21.32	1.33
	40	23.53	20.00	0.91	25.00	21.13	1.24	26.46	21.75	1.34	27.51	20.89	1.36	29.38	21.06	1.36	30.84	21.46	1.36
	45	23.50	20.14	0.94	24.96	21.27	1.27	26.42	21.90	1.37	27.47	21.03	1.39	29.34	21.21	1.40	30.80	21.61	1.39
	50	23.47	20.27	0.96	24.92	21.41	1.30	26.38	22.04	1.40	27.43	21.17	1.43	29.30	21.35	1.43	30.75	21.75	1.43
	55	23.43	20.41	0.98	24.89	21.56	1.32	26.34	22.19	1.44	27.39	21.31	1.46	29.25	21.49	1.46	30.71	21.90	1.46
	60	23.40	20.54	1.00	24.85	21.70	1.35	26.30	22.34	1.47	27.35	21.45	1.49	29.21	21.63	1.50	30.66	22.04	1.49
	65	23.36	20.67	1.03	24.81	21.84	1.38	26.27	22.48	1.50	27.31	21.59	1.53	29.17	21.77	1.53	30.62	22.19	1.53
	70	23.33	20.81	1.05	24.78	21.98	1.41	26.23	22.63	1.54	27.27	21.73	1.56	29.13	21.91	1.56	30.57	22.33	1.56
	75	22.77	20.46	1.11	24.21	21.65	1.46	25.66	22.31	1.57	26.70	21.44	1.60	28.55	21.65	1.61	29.99	22.08	1.62
	80	22.21	20.11	1.18	23.65	21.30	1.51	25.09	21.98	1.61	26.13	21.14	1.64	27.97	21.38	1.67	29.42	21.82	1.69
	85	21.65	19.75	1.34	23.09	20.95	1.63	24.53	21.64	1.74	25.57	20.83	1.77	27.40	21.09	1.80	28.84	21.54	1.82
	90	21.09	19.37	1.50	22.53	20.58	1.77	23.96	21.29	1.85	25.00	20.51	1.88	26.83	20.79	1.92	28.27	21.26	1.95
	95	20.49	19.17	1.66	21.92	20.40	1.88	23.35	21.13	1.95	24.00	20.06	1.92	26.20	20.68	2.02	27.63	21.17	2.05
	100	19.99	18.66	1.75	21.42	19.88	1.92	22.85	20.62	1.97	23.69	19.75	1.95	25.70	20.23	2.02	27.13	20.73	2.05
	105	19.49	18.14	1.82	20.92	19.37	1.96	22.35	20.12	1.98	23.38	19.44	1.99	25.20	19.79	2.02	26.63	20.30	2.05
	110	18.99	17.52	1.78	20.42	18.74	1.85	21.85	19.50	1.84	22.88	18.86	1.83	24.70	19.23	1.85	26.13	19.74	1.90
	115	18.49	17.00	1.59	19.92	18.21	1.61	21.35	18.98	1.57	22.38	18.38	1.55	24.20	18.77	1.56	25.63	19.29	1.59
	118	17.47	16.20	1.41	18.84	17.38	1.39	20.21	18.13	1.32	21.20	17.56	1.30	22.95	17.96	1.30	24.32	18.47	1.32
	122	17.12	15.93	1.35	18.48	17.10	1.32	19.83	17.84	1.25	20.80	17.29	1.21	22.53	17.68	1.21	23.88	18.19	1.24

Heating Capacity Table														
Model (Btu/h)	Outdoor Air Temp. (°F DB)		Indoor Air Temp. °F DB / °F WB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24K	0	-0.4	11.88	1.48	11.19	1.54	11.18	1.56	10.93	1.58	10.72	1.58	10.27	1.65
	5	4.5	13.90	1.51	13.25	1.56	13.05	1.59	12.78	1.61	12.56	1.63	12.06	1.68
	10	9	15.26	1.52	14.64	1.58	14.31	1.62	14.02	1.64	13.79	1.65	13.25	1.71
	17	15	16.74	1.55	16.16	1.60	15.69	1.65	15.39	1.68	15.14	1.71	14.56	1.75
	20	19	17.64	1.58	17.08	1.62	16.53	1.68	16.22	1.71	15.97	1.73	15.35	1.78
	25	23	19.15	1.61	18.58	1.65	17.93	1.71	17.59	1.75	17.32	1.78	16.67	1.83
	30	28	20.66	1.65	20.01	1.71	19.33	1.76	18.97	1.79	18.69	1.83	18.00	1.87
	35	32	22.16	1.70	21.46	1.76	20.73	1.80	20.35	1.85	20.06	1.87	19.33	1.92
	40	36	23.29	1.74	22.64	1.80	21.92	1.85	21.53	1.90	21.24	1.92	20.47	1.98
	45	41	24.71	1.80	24.11	1.86	23.41	1.92	23.01	1.96	22.71	1.98	21.88	2.05
	47	43	25.27	1.83	24.71	1.89	24.00	1.95	23.61	1.98	23.29	2.01	22.44	2.07
	50	46	25.35	1.82	24.83	1.87	24.22	1.92	23.87	1.96	23.59	1.98	22.79	2.04
	55	51	25.47	1.80	25.05	1.85	24.59	1.89	24.30	1.91	24.08	1.92	23.36	1.97
	60	56	25.59	1.78	25.26	1.81	24.94	1.85	24.73	1.86	24.56	1.87	23.94	1.90
	63	59	25.66	1.77	25.38	1.79	25.16	1.83	25.00	1.84	24.86	1.84	24.28	1.86
	68	64	25.74	1.76	25.51	1.78	25.39	1.80	25.26	1.80	25.15	1.81	24.63	1.83

Remarks:
 TC: Total Cooling Capacity (Gross)
 SHC: Sensible Heat Capacity (Gross)
 PI: Power Input (including the compressor,
 evap. fan motor & cond. fan motor)
 DB: Dry Bulb Temperature
 WB: Wet Bulb Temperature

Capacities and selection data

Cooling Capacity Table																			
Model (Btu/h)	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB																	
		68 / 57			73 / 61			77 / 64			80 / 67			86 / 72			90 / 75		
		TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
36K	5	10.58	8.47	1.29	11.24	8.95	1.74	11.89	9.21	1.89	12.37	8.85	1.92	13.21	8.92	1.92	13.86	9.09	1.92
	10	10.56	8.53	1.32	11.22	9.01	1.79	11.88	9.28	1.94	12.35	8.91	1.97	13.19	8.99	1.97	13.84	9.16	1.97
	15	10.55	8.60	1.36	11.20	9.08	1.84	11.86	9.34	2.00	12.33	8.97	2.02	13.17	9.05	2.03	13.82	9.22	2.02
	20	10.53	8.65	1.39	11.19	9.14	1.89	11.84	9.41	2.05	12.31	9.04	2.08	13.15	9.12	2.08	13.80	9.29	2.08
	25	10.52	8.72	1.44	11.17	9.21	1.94	11.82	9.48	2.10	12.29	9.10	2.13	13.13	9.18	2.13	13.78	9.35	2.13
	30	10.50	8.78	1.47	11.16	9.27	1.98	11.80	9.54	2.15	12.28	9.17	2.18	13.11	9.25	2.19	13.76	9.42	2.18
	35	10.49	8.84	1.50	11.14	9.34	2.03	11.79	9.61	2.21	12.26	9.23	2.24	13.09	9.31	2.24	13.74	9.49	2.24
	40	10.47	8.90	1.53	11.12	9.40	2.08	11.77	9.68	2.26	12.24	9.30	2.29	13.07	9.37	2.29	13.72	9.55	2.29
	45	10.46	8.96	1.58	11.11	9.46	2.13	11.76	9.74	2.31	12.22	9.36	2.34	13.06	9.44	2.36	13.70	9.62	2.34
	50	10.44	9.02	1.61	11.09	9.53	2.18	11.74	9.81	2.36	12.21	9.42	2.40	13.04	9.50	2.40	13.68	9.68	2.40
	55	10.43	9.08	1.65	11.08	9.59	2.23	11.72	9.87	2.42	12.19	9.48	2.45	13.02	9.56	2.45	13.66	9.74	2.45
	60	10.41	9.14	1.68	11.06	9.66	2.28	11.70	9.94	2.47	12.17	9.54	2.50	13.00	9.62	2.52	13.64	9.81	2.50
	65	10.39	9.20	1.73	11.04	9.72	2.32	11.69	10.00	2.52	12.15	9.61	2.57	12.98	9.69	2.57	13.62	9.87	2.57
	70	10.38	9.26	1.76	11.03	9.78	2.37	11.67	10.07	2.58	12.13	9.67	2.61	12.96	9.75	2.61	13.60	9.94	2.61
	75	10.13	9.10	1.87	10.77	9.63	2.45	11.42	9.93	2.65	11.88	9.54	2.69	12.70	9.63	2.71	13.34	9.82	2.73
	80	9.88	8.95	1.98	10.52	9.48	2.53	11.16	9.78	2.71	11.63	9.41	2.76	12.45	9.51	2.81	13.09	9.71	2.84
	85	9.63	8.79	2.26	10.27	9.32	2.74	10.91	9.63	2.92	11.38	9.27	2.97	12.19	9.38	3.02	12.83	9.58	3.07
	90	9.38	8.62	2.52	10.02	9.16	2.97	10.66	9.47	3.11	11.12	9.13	3.16	11.94	9.25	3.23	12.58	9.46	3.28
	95	9.12	8.53	2.79	9.75	9.08	3.16	10.39	9.40	3.28	10.68	8.93	3.23	11.66	9.20	3.39	12.29	9.42	3.45
	100	8.89	8.30	2.94	9.53	8.85	3.23	10.17	9.18	3.31	10.54	8.79	3.28	11.44	9.00	3.39	12.07	9.22	3.45
	105	8.67	8.07	3.07	9.31	8.62	3.29	9.94	8.95	3.32	10.40	8.65	3.34	11.21	8.81	3.39	11.85	9.03	3.45
	110	8.45	7.80	2.98	9.09	8.34	3.11	9.72	8.68	3.10	10.18	8.39	3.08	10.99	8.56	3.11	11.63	8.78	3.19
	115	8.23	7.56	2.68	8.86	8.10	2.71	9.50	8.45	2.65	9.96	8.18	2.60	10.77	8.35	2.61	11.40	8.58	2.68
	118	7.77	7.21	2.37	8.38	7.73	2.34	8.99	8.07	2.23	9.43	7.81	2.18	10.21	7.99	2.18	10.82	8.22	2.23
	122	7.62	7.09	2.28	8.22	7.61	2.21	8.82	7.94	2.10	9.26	7.69	2.03	10.02	7.87	2.03	10.63	8.09	2.08

Heating Capacity Table														
Model (Btu/h)	Outdoor Air Temp. (°F DB)		Indoor Air Temp. °F DB / °F WB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36K	0	-0.4	6.08	2.86	5.72	2.98	5.72	3.01	5.59	3.05	5.48	3.06	5.25	3.18
	5	4.5	7.11	2.91	6.78	3.01	6.68	3.08	6.54	3.11	6.42	3.15	6.17	3.25
	10	9	7.80	2.95	7.49	3.05	7.32	3.13	7.17	3.16	7.05	3.20	6.77	3.30
	17	15	8.56	3.00	8.26	3.10	8.03	3.20	7.87	3.25	7.75	3.30	7.45	3.38
	20	19	9.02	3.05	8.74	3.13	8.46	3.25	8.30	3.30	8.17	3.35	7.85	3.43
	25	23	9.79	3.11	9.50	3.20	9.17	3.32	9.00	3.38	8.86	3.43	8.53	3.53
	30	28	10.57	3.20	10.24	3.30	9.89	3.40	9.70	3.47	9.56	3.53	9.21	3.62
	35	32	11.34	3.28	10.97	3.40	10.60	3.48	10.41	3.57	10.26	3.62	9.89	3.72
	40	36	11.91	3.37	11.58	3.48	11.21	3.58	11.01	3.67	10.86	3.72	10.47	3.82
	45	41	12.64	3.48	12.33	3.60	11.97	3.72	11.77	3.79	11.61	3.84	11.19	3.96
	47	43	12.92	3.53	12.64	3.65	12.28	3.77	12.07	3.84	11.91	3.89	11.48	4.01
	50	46	12.96	3.52	12.70	3.62	12.39	3.72	12.21	3.79	12.06	3.82	11.66	3.94
	55	51	13.03	3.48	12.81	3.57	12.57	3.65	12.43	3.69	12.32	3.72	11.95	3.80
	60	56	13.09	3.43	12.92	3.50	12.76	3.57	12.65	3.60	12.56	3.62	12.24	3.67
	63	59	13.12	3.42	12.98	3.47	12.87	3.53	12.78	3.55	12.71	3.55	12.42	3.60
	68	64	13.16	3.40	13.05	3.43	12.99	3.48	12.92	3.48	12.87	3.50	12.60	3.53

Remarks:
 TC: Total Cooling Capacity (Gross)
 SHC: Sensible Heat Capacity (Gross)
 PI: Power Input (including the compressor,
 evap. fan motor & cond. fan motor)
 DB: Dry Bulb Temperature
 WB: Wet Bulb Temperature