

Series VI Performance Data

The Whalen Company

VI-203

Cooling Capacity

ELT	Entering Air GPM Pd FT	80°F db / 67°F wb			78°F db / 65°F wb			75°F db / 63°F wb		
		1.5	1.25	1	1.5	1.25	1	1.5	1.25	1
		4.4	3.1	2.0	4.4	3.1	2.0	4.4	3.1	2.0
75	Total kBTUH	7.48	7.32	7.08	7.16	7.01	6.78	6.84	6.70	6.48
	Sensible KBTUH	5.13	5.06	4.98	5.14	5.07	4.99	4.86	4.79	4.71
	Watts kW	0.49	0.51	0.53	0.49	0.50	0.53	0.49	0.50	0.53
	Heat of Rejection kBTUH	9.16	9.05	8.88	8.84	8.73	8.57	8.52	8.42	8.27
	Liquid Rise °F	12.2	14.5	17.8	11.8	14.0	17.1	11.4	13.5	16.5
80	Total kBTUH	7.27	7.11	6.88	6.96	6.81	6.58	6.65	6.51	6.29
	Sensible KBTUH	5.07	5.00	4.92	5.08	5.00	4.93	4.80	4.73	4.66
	Watts kW	0.52	0.53	0.56	0.52	0.53	0.56	0.52	0.53	0.56
	Heat of Rejection kBTUH	9.04	8.93	8.78	8.73	8.63	8.48	8.42	8.32	8.19
	Liquid Rise °F	12.1	14.3	17.6	11.6	13.8	17.0	11.2	13.3	16.4
85	Total kBTUH	7.03	6.88	6.65	6.73	6.59	6.37	6.43	6.29	6.09
	Sensible KBTUH	5.00	4.92	4.85	5.00	4.93	4.86	4.73	4.66	4.59
	Watts kW	0.55	0.56	0.59	0.55	0.56	0.59	0.55	0.56	0.59
	Heat of Rejection kBTUH	8.90	8.81	8.66	8.60	8.51	8.38	8.30	8.22	8.09
	Liquid Rise °F	11.9	14.1	17.3	11.5	13.6	16.8	11.1	13.1	16.2
90	Total kBTUH	6.77	6.63	6.41	6.48	6.34	6.14	6.20	6.06	5.86
	Sensible KBTUH	4.91	4.84	4.77	4.92	4.85	4.77	4.65	4.58	4.51
	Watts kW	0.58	0.60	0.62	0.58	0.60	0.62	0.58	0.60	0.62
	Heat of Rejection kBTUH	8.75	8.66	8.53	8.46	8.38	8.26	8.17	8.09	7.98
	Liquid Rise °F	11.7	13.9	17.1	11.3	13.4	16.5	10.9	13.0	16.0
95	Total kBTUH	6.49	6.35	6.14	6.22	6.08	5.88	5.94	5.81	5.62
	Sensible KBTUH	4.82	4.75	4.68	4.83	4.76	4.68	4.56	4.49	4.43
	Watts kW	0.61	0.63	0.66	0.61	0.63	0.66	0.61	0.63	0.66
	Heat of Rejection kBTUH	8.59	8.51	8.39	8.31	8.23	8.12	8.03	7.96	7.86
	Liquid Rise °F	11.4	13.6	16.8	11.1	13.2	16.2	10.7	12.7	15.7

Heating Capacity

ELT	Entering Air GPM Pd FT	65°F db			70°F db			75°F db		
		1.5	1.25	1	1.5	1.25	1	1.5	1.25	1
		4.4	3.1	2.0	4.4	3.1	2.0	4.4	3.1	2.0
60	Heat kBTUH	7.85	7.61	7.24	7.69	7.45	7.09	7.52	7.28	6.93
	Watts kW	0.51	0.51	0.50	0.53	0.53	0.53	0.56	0.56	0.55
	Heat of Absorption kBTUH	6.12	5.88	5.53	5.87	5.63	5.29	5.60	5.37	5.04
	Liquid Drop °F	8.2	9.4	11.1	7.8	9.0	10.6	7.5	8.6	10.1
65	Heat kBTUH	8.34	8.08	7.68	8.16	7.90	7.52	7.98	7.73	7.35
	Watts kW	0.51	0.51	0.51	0.54	0.54	0.53	0.57	0.57	0.56
	Heat of Absorption kBTUH	6.58	6.32	5.96	6.32	6.06	5.70	6.04	5.79	5.45
	Liquid Drop °F	8.8	10.1	11.9	8.4	9.7	11.4	8.1	9.3	10.9
70	Heat kBTUH	8.80	8.53	8.11	8.61	8.34	7.94	8.42	8.16	7.76
	Watts kW	0.52	0.52	0.51	0.55	0.55	0.54	0.57	0.57	0.57
	Heat of Absorption kBTUH	7.03	6.75	6.37	6.75	6.48	6.10	6.47	6.20	5.84
	Liquid Drop °F	9.4	10.8	12.7	9.0	10.4	12.2	8.6	9.9	11.7
75	Heat kBTUH	9.25	8.96	8.53	9.05	8.77	8.34	8.85	8.57	8.16
	Watts kW	0.52	0.52	0.52	0.55	0.55	0.54	0.58	0.58	0.57
	Heat of Absorption kBTUH	7.46	7.17	6.76	7.17	6.89	6.49	6.88	6.60	6.21
	Liquid Drop °F	9.9	11.5	13.5	9.6	11.0	13.0	9.2	10.6	12.4
80	Heat kBTUH	9.68	9.38	8.92	9.47	9.18	8.73	9.26	8.97	8.54
	Watts kW	0.53	0.53	0.52	0.56	0.56	0.55	0.58	0.58	0.58
	Heat of Absorption kBTUH	7.87	7.57	7.14	7.57	7.28	6.86	7.27	6.98	6.57
	Liquid Drop °F	10.5	12.1	14.3	10.1	11.6	13.7	9.7	11.2	13.1