

Fan Coil Performance Data

The Whalen Company

Model WFC-300

Cooling Capacity

Entering Water°F	Entering air Water Rise°F	75.0 db°F / 63.0 wb°F				78.0 db°F 65.0 wb°F				80.0 db°F 67.0 wb°F			
		10	12	14	16	10	12	14	16	10	12	14	16
42	Cool kBTU	8.9	8.0	7.2	6.4	10.0	9.2	8.3	7.5	11.5	10.6	9.7	8.8
	Sens. kBTU	6.7	6.3	5.9	5.6	7.3	6.9	6.5	6.2	7.7	7.3	7.0	6.6
	GPM	1.8	1.3	1.0	0.8	2.0	1.5	1.2	0.9	2.3	1.8	1.4	1.1
	dp FT	4.2	2.3	1.4	0.8	5.3	3.1	1.9	1.2	6.9	4.1	2.5	1.6
43	Cool kBTU	8.2	7.3	6.5	5.7	9.3	8.5	7.6	6.8	10.7	9.8	9.0	8.1
	Sens. kBTU	6.4	6.0	5.7	5.4	7.0	6.6	6.3	6.0	7.4	7.0	6.7	6.4
	GPM	1.6	1.2	0.9	0.7	1.9	1.4	1.1	0.9	2.1	1.6	1.3	1.0
	dp FT	3.5	2.0	1.1	0.7	4.6	2.6	1.6	1.0	6.1	3.6	2.2	1.4
44	Cool kBTU	7.5	6.6	5.9	5.1	8.6	7.8	7.0	6.2	10.0	9.1	8.3	7.5
	Sens. kBTU	6.1	5.7	5.4	5.1	6.7	6.3	6.0	5.7	7.1	6.7	6.4	6.1
	GPM	1.5	1.1	0.8	0.6	1.7	1.3	1.0	0.8	2.0	1.5	1.2	0.9
	dp FT	3.0	1.6	0.9	0.5	3.9	2.2	1.3	0.8	5.3	3.1	1.9	1.2
45	Cool kBTU	6.8	6.0	5.2	4.6	8.0	7.1	6.3	5.6	9.3	8.4	7.6	6.8
	Sens. kBTU	5.8	5.5	5.2	4.6	6.4	6.1	5.8	5.5	6.8	6.5	6.2	5.9
	GPM	1.4	1.0	0.8	0.6	1.6	1.2	0.9	0.7	1.9	1.4	1.1	0.9
	dp FT	2.5	1.3	0.7	0.4	3.3	1.9	1.1	0.7	4.6	2.6	1.6	1.0
46	Cool kBTU	6.2	5.4	4.7	4.0	7.3	6.5	5.7	5.0	8.6	7.8	7.0	6.2
	Sens. kBTU	5.5	5.2	4.7	4.0	6.2	5.8	5.6	5.0	6.5	6.2	5.9	5.6
	GPM	1.2	0.9	0.7	0.5	1.5	1.1	0.8	0.6	1.7	1.3	1.0	0.8
	dp FT	2.0	1.1	0.6	0.3	2.8	1.5	0.9	0.5	3.9	2.2	1.3	0.8
47	Cool kBTU	5.5	4.8	4.1	3.5	6.7	5.9	5.2	4.5	7.9	7.1	6.3	5.6
	Sens. kBTU	5.3	4.8	4.1	3.5	5.9	5.6	5.2	4.5	6.3	6.0	5.7	5.4
	GPM	1.1	0.8	0.6	0.4	1.3	1.0	0.7	0.6	1.6	1.2	0.9	0.7
	dp FT	1.6	0.8	0.5	0.3	2.3	1.3	0.7	0.4	3.3	1.9	1.1	0.7
48	Cool kBTU	4.9	4.2	3.6	3.1	6.0	5.3	4.6	4.0	7.3	6.5	5.7	5.1
	Sens. kBTU	4.9	4.2	3.6	3.1	5.7	5.3	4.6	4.0	6.0	5.7	5.5	5.1
	GPM	1.0	0.7	0.5	0.4	1.2	0.9	0.7	0.5	1.5	1.1	0.8	0.6
	dp FT	1.3	0.7	0.4	0.2	1.9	1.0	0.6	0.3	2.8	1.5	0.9	0.5

Heating Capacity - 2Pipe configuration

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		15	20	25	30	15	20	25	30	15	20	25	30
120	Heat kBTU	14.1	12.9	11.7	10.6	12.5	11.3	10.1	9.1	10.9	9.7	8.6	7.6
	GPM	1.9	1.3	0.9	0.7	1.7	1.1	0.8	0.6	1.4	1.0	0.7	0.5
	dp FT	4.7	2.2	1.2	0.7	3.7	1.7	0.9	0.5	2.8	1.2	0.6	0.3
130	Heat kBTU	17.4	16.1	14.9	13.7	15.7	14.5	13.3	12.2	14.1	12.9	11.7	10.6
	GPM	2.3	1.6	1.2	0.9	2.1	1.4	1.1	0.8	1.9	1.3	0.9	0.7
	dp FT	7.1	3.4	1.9	1.1	5.8	2.8	1.5	0.9	4.7	2.2	1.2	0.7
140	Heat kBTU	20.6	19.4	18.1	16.9	19.0	17.7	16.5	15.3	17.4	16.1	14.9	13.7
	GPM	2.8	1.9	1.4	1.1	2.5	1.8	1.3	1.0	2.3	1.6	1.2	0.9
	dp FT	10.0	5.0	2.8	1.7	8.5	4.2	2.3	1.4	7.1	3.4	1.9	1.1
150	Heat kBTU	23.9	22.6	21.4	20.1	22.3	21.0	19.7	18.5	20.6	19.4	18.1	16.9
	GPM	3.2	2.3	1.7	1.3	3.0	2.1	1.6	1.2	2.8	1.9	1.4	1.1
	dp FT	13.4	6.8	3.9	2.4	11.7	5.8	3.3	2.0	10.0	5.0	2.8	1.7

Heating Capacity - 4Pipe configuration (Standard coils- other coils available)

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		30	40	50	60	30	40	50	60	30	40	50	60
160	Heat kBTU	11.3	10.1	8.9	7.8	10.5	9.3	8.1	7.1	9.7	8.5	7.4	6.4
	GPM	0.8	0.5	0.4	0.3	0.7	0.5	0.3	0.2	0.6	0.4	0.3	0.2
	dp FT	2.1	0.9	0.5	0.3	1.8	0.8	0.4	0.2	1.6	0.7	0.3	0.2
180	Heat kBTU	14.4	13.2	12.0	10.8	13.6	12.4	11.2	10.1	12.8	11.6	10.4	9.3
	GPM	1.0	0.7	0.5	0.4	0.9	0.6	0.4	0.3	0.9	0.6	0.4	0.3
	dp FT	3.5	1.6	0.9	0.5	3.1	1.4	0.8	0.4	2.7	1.3	0.7	0.4

Fan Coil Performance Data

The Whalen Company

Model WFD-300

Cooling Capacity

Entering Water°F	Entering air Water Rise°F	75.0 db°F / 63.0 wb°F				78.0 db°F 65.0 wb°F				80.0 db°F 67.0 wb°F			
		10	12	14	16	10	12	14	16	10	12	14	16
42	Cool kBTU	11.0	10.1	9.2	8.4	12.4	11.5	10.6	9.7	14.0	13.1	12.2	11.3
	Sens. kBTU	7.6	7.2	6.8	6.5	8.3	7.9	7.5	7.2	8.8	8.4	8.0	7.6
	GPM	2.2	1.7	1.3	1.0	2.5	1.9	1.5	1.2	2.8	2.2	1.7	1.4
	dp FT	13.6	8.0	4.9	3.1	17.2	10.3	6.4	4.2	22.1	13.4	8.6	5.6
43	Cool kBTU	10.2	9.3	8.4	7.6	11.5	10.7	9.8	8.9	13.1	12.3	11.4	10.5
	Sens. kBTU	7.3	6.9	6.5	6.1	7.9	7.5	7.2	6.8	8.4	8.0	7.7	7.3
	GPM	2.0	1.5	1.2	0.9	2.3	1.8	1.4	1.1	2.6	2.0	1.6	1.3
	dp FT	11.7	6.8	4.1	2.5	15.0	8.9	5.5	3.5	19.5	11.8	7.4	4.9
44	Cool kBTU	9.4	8.5	7.7	6.8	10.7	9.9	9.0	8.2	12.3	11.4	10.6	9.7
	Sens. kBTU	6.9	6.5	6.2	5.8	7.6	7.2	6.9	6.5	8.1	7.7	7.3	7.0
	GPM	1.9	1.4	1.1	0.9	2.1	1.6	1.3	1.0	2.5	1.9	1.5	1.2
	dp FT	9.9	5.7	3.4	2.1	12.9	7.6	4.7	2.9	17.1	10.2	6.4	4.2
45	Cool kBTU	8.6	7.8	6.9	6.1	9.9	9.1	8.3	7.4	11.5	10.6	9.8	8.9
	Sens. kBTU	6.6	6.2	5.9	5.5	7.2	6.9	6.6	6.2	7.7	7.4	7.0	6.7
	GPM	1.7	1.3	1.0	0.8	2.0	1.5	1.2	0.9	2.3	1.8	1.4	1.1
	dp FT	8.3	4.7	2.8	1.6	11.1	6.5	3.9	2.4	14.9	8.8	5.5	3.5
46	Cool kBTU	7.8	7.0	6.2	5.4	9.2	8.3	7.5	6.7	10.7	9.8	9.0	8.2
	Sens. kBTU	6.2	5.9	5.6	5.3	6.9	6.6	6.3	6.0	7.4	7.0	6.7	6.4
	GPM	1.6	1.2	0.9	0.7	1.8	1.4	1.1	0.8	2.1	1.6	1.3	1.0
	dp FT	6.9	3.8	2.2	1.3	9.5	5.4	3.3	2.0	12.9	7.6	4.7	3.0
47	Cool kBTU	7.1	6.3	5.5	4.7	8.4	7.6	6.8	6.0	9.9	9.1	8.3	7.5
	Sens. kBTU	5.9	5.6	5.3	4.7	6.6	6.3	6.0	5.7	7.1	6.7	6.4	6.1
	GPM	1.4	1.0	0.8	0.6	1.7	1.3	1.0	0.8	2.0	1.5	1.2	0.9
	dp FT	5.7	3.1	1.7	1.0	8.0	4.5	2.7	1.6	11.1	6.5	3.9	2.4
48	Cool kBTU	6.4	5.6	4.8	4.1	7.7	6.9	6.1	5.4	9.2	8.3	7.5	6.7
	Sens. kBTU	5.7	5.3	4.8	4.1	6.3	6.0	5.7	5.4	6.8	6.5	6.1	5.9
	GPM	1.3	0.9	0.7	0.5	1.5	1.2	0.9	0.7	1.8	1.4	1.1	0.8
	dp FT	4.6	2.4	1.3	0.7	6.7	3.7	2.1	1.3	9.5	5.4	3.3	2.0

Heating Capacity - 2Pipe configuration

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		15	20	25	30	15	20	25	30	15	20	25	30
120	Heat kBTU	14.5	13.4	12.3	11.3	12.9	11.8	10.7	9.7	11.3	10.2	9.1	8.1
	GPM	1.9	1.3	1.0	0.8	1.7	1.2	0.9	0.6	1.5	1.0	0.7	0.5
	dp FT	10.5	5.1	2.7	1.6	8.3	3.9	2.1	1.2	6.4	2.9	1.5	0.8
130	Heat kBTU	17.8	16.6	15.5	14.5	16.1	15.0	13.9	12.9	14.5	13.4	12.3	11.3
	GPM	2.4	1.7	1.2	1.0	2.2	1.5	1.1	0.9	1.9	1.3	1.0	0.8
	dp FT	15.8	7.8	4.4	2.6	13.0	6.4	3.5	2.1	10.5	5.1	2.7	1.6
140	Heat kBTU	21.0	19.9	18.8	17.7	19.4	18.3	17.2	16.1	17.8	16.6	15.6	14.5
	GPM	2.8	2.0	1.5	1.2	2.6	1.8	1.4	1.1	2.4	1.7	1.2	1.0
	dp FT	22.1	11.1	6.4	3.9	18.8	9.4	5.3	3.2	15.8	7.8	4.4	2.6
150	Heat kBTU	24.3	23.1	22.0	20.9	22.6	21.5	20.4	19.3	21.0	19.9	18.8	17.7
	GPM	3.2	2.3	1.8	1.4	3.0	2.2	1.6	1.3	2.8	2.0	1.5	1.2
	dp FT	29.5	15.1	8.7	5.5	25.7	13.0	7.5	4.7	22.1	11.1	6.4	3.9

Heating Capacity - 4Pipe configuration (Standard coils- other coils available)

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		30	40	50	60	30	40	50	60	30	40	50	60
160	Heat kBTU	11.1	9.9	8.7	7.7	10.3	9.1	8.0	7.0	9.5	8.4	7.3	6.3
	GPM	0.7	0.5	0.3	0.3	0.7	0.5	0.3	0.2	0.6	0.4	0.3	0.2
	dp FT	2.0	0.9	0.5	0.2	1.8	0.8	0.4	0.2	1.5	0.7	0.3	0.2
180	Heat kBTU	14.1	12.9	11.8	10.6	13.4	12.2	11.0	9.9	12.6	11.4	10.2	9.2
	GPM	0.9	0.6	0.5	0.4	0.9	0.6	0.4	0.3	0.8	0.6	0.4	0.3
	dp FT	3.3	1.6	0.8	0.5	3.0	1.4	0.7	0.4	2.6	1.2	0.6	0.3

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Fan Coil Performance Data

The Whalen Company

Model WFC-400

Cooling Capacity

Entering Water°F	Entering air Water Rise°F	75.0 db°F / 63.0 wb°F				78.0 db°F 65.0 wb°F				80.0 db°F 67.0 wb°F			
		10	12	14	16	10	12	14	16	10	12	14	16
		42	Cool kBTU Sens. kBTU GPM dp FT	12.2 9.0 2.4 10.8	11.1 8.6 1.9 6.2	10.1 8.1 1.4 3.7	9.0 7.7 1.1 2.3	13.8 9.8 2.8 13.7	12.7 9.4 2.1 8.0	11.6 8.9 1.7 5.0	10.6 8.5 1.3 3.2	15.7 10.4 3.1 17.7	14.6 9.9 2.4 10.6
43	Cool kBTU Sens. kBTU GPM dp FT	11.3 8.6 2.3 9.2	10.2 8.2 1.7 5.2	9.2 7.8 1.3 3.1	8.2 7.4 1.0 1.9	12.8 9.4 2.6 11.8	11.8 9.0 2.0 6.9	10.7 8.6 1.5 4.2	9.7 8.2 1.2 2.6	14.7 10.0 2.9 15.5	13.6 9.5 2.3 9.2	12.5 9.1 1.8 5.8	11.5 8.7 1.4 3.7
44	Cool kBTU Sens. kBTU GPM dp FT	10.4 8.3 2.1 7.7	9.3 7.8 1.6 4.3	8.3 7.4 1.2 2.5	7.3 7.0 0.9 1.5	11.9 9.1 2.4 10.2	10.9 8.6 1.8 5.9	9.8 8.2 1.4 3.5	8.8 7.8 1.1 2.2	13.7 9.6 2.7 13.6	12.7 9.2 2.1 8.0	11.6 8.7 1.7 4.9	10.6 8.4 1.3 3.1
45	Cool kBTU Sens. kBTU GPM dp FT	9.5 7.9 1.9 6.5	8.4 7.5 1.4 3.6	7.5 7.1 1.1 2.0	6.5 6.5 0.8 1.2	11.0 8.7 2.2 8.7	10.0 8.3 1.7 5.0	9.0 7.9 1.3 3.0	8.0 7.5 1.0 1.8	12.8 9.2 2.6 11.8	11.7 8.8 2.0 6.9	10.7 8.4 1.5 4.2	9.7 8.0 1.2 2.6
46	Cool kBTU Sens. kBTU GPM dp FT	8.6 7.5 1.7 5.3	7.6 7.1 1.3 2.9	6.6 6.6 0.9 1.6	5.7 5.7 0.7 0.9	10.1 8.4 2.0 7.4	9.1 8.0 1.5 4.2	8.1 7.6 1.2 2.4	7.2 7.2 0.9 1.5	11.9 8.9 2.4 10.2	10.8 8.5 1.8 5.9	9.8 8.1 1.4 3.5	8.8 7.7 1.1 2.2
47	Cool kBTU Sens. kBTU GPM dp FT	7.8 7.2 1.6 4.3	6.8 6.8 1.1 2.3	5.9 5.9 0.8 1.3	5.0 5.0 0.6 0.7	9.3 8.0 1.9 6.2	8.3 7.6 1.4 3.4	7.3 7.3 1.0 2.0	6.4 6.4 0.8 1.2	11.0 8.5 2.2 8.7	10.0 8.1 1.7 5.0	9.0 7.8 1.3 3.0	8.0 7.4 1.0 1.8
48	Cool kBTU Sens. kBTU GPM dp FT	7.0 6.9 1.4 3.5	6.0 6.0 1.0 1.8	5.1 5.1 0.7 1.0	4.3 4.3 0.5 0.5	8.5 7.7 1.7 5.1	7.5 7.3 1.2 2.8	6.6 6.6 0.9 1.6	5.7 5.7 0.7 0.9	10.1 8.2 2.0 7.4	9.1 7.8 1.5 4.2	8.1 7.5 1.2 2.4	7.2 7.1 0.9 1.5

Heating Capacity - 2Pipe configuration

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		15	20	25	30	15	20	25	30	15	20	25	30
		120	Heat kBTU GPM dp FT	17.4 2.3 9.7	16.0 1.6 4.6	14.6 1.2 2.4	13.2 0.9 1.4	15.4 2.1 7.6	14.0 1.4 3.5	12.6 1.0 1.8	11.3 0.8 1.0	13.5 1.8 5.8	12.1 1.2 2.6
130	Heat kBTU GPM dp FT	21.4 2.9 14.6	19.9 2.0 7.1	18.5 1.5 3.9	17.1 1.1 2.3	19.4 2.6 12.0	17.9 1.8 5.8	16.5 1.3 3.1	15.2 1.0 1.8	17.4 2.3 9.7	16.0 1.6 4.6	14.6 1.2 2.4	13.2 0.9 1.4
140	Heat kBTU GPM dp FT	25.4 3.4 20.6	23.9 2.4 10.3	22.4 1.8 5.8	21.0 1.4 3.5	23.4 3.1 17.5	21.9 2.2 8.6	20.5 1.6 4.8	19.1 1.3 2.9	21.4 2.9 14.6	19.9 2.0 7.1	18.5 1.5 3.9	17.1 1.1 2.3
150	Heat kBTU GPM dp FT	29.3 3.9 27.5	27.8 2.8 14.0	26.4 2.1 8.0	24.9 1.7 5.0	27.3 3.6 23.9	25.9 2.6 12.0	24.4 2.0 6.9	23.0 1.5 4.2	25.4 3.4 20.6	23.9 2.4 10.3	22.4 1.8 5.8	21.0 1.4 3.5

Heating Capacity - 4Pipe configuration (Standard coils- other coils available)

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		30	40	50	60	30	40	50	60	30	40	50	60
		160	Heat kBTU GPM dp FT	13.3 0.9 4.6	11.9 0.6 2.1	10.6 0.4 1.1	9.4 0.3 0.6	12.4 0.8 4.0	11.0 0.6 1.8	9.7 0.4 0.9	8.5 0.3 0.5	11.5 0.8 3.4	10.1 0.5 1.5
180	Heat kBTU GPM dp FT	17.0 1.1 7.5	15.6 0.8 3.5	14.2 0.6 1.9	12.9 0.4 1.1	16.1 1.1 6.7	14.7 0.7 3.1	13.3 0.5 1.7	12.0 0.4 0.9	15.1 1.0 5.9	13.8 0.7 2.8	12.4 0.5 1.4	11.1 0.4 0.8

Last Updated 9/05

Fan Coil Performance Data

The Whalen Company

Model WFD-400

Cooling Capacity

Entering Water°F	Entering air Water Rise°F	75.0 db°F / 63.0 wb°F				78.0 db°F 65.0 wb°F				80.0 db°F 67.0 wb°F			
		10	12	14	16	10	12	14	16	10	12	14	16
		42	Cool kBTU Sens. kBTU GPM dp FT	14.5 9.7 2.9 8.1	13.2 9.1 2.2 4.6	11.9 8.5 1.7 2.8	10.6 8.0 1.3 1.7	16.4 10.6 3.3 10.3	15.0 10.0 2.5 6.0	13.7 9.4 2.0 3.7	12.5 8.9 1.6 2.3	18.6 11.4 3.7 13.3	17.3 10.7 2.9 7.9
43	Cool kBTU Sens. kBTU GPM dp FT	13.4 9.2 2.7 6.9	12.1 8.6 2.0 3.9	10.8 8.0 1.5 2.3	9.6 7.5 1.2 1.4	15.2 10.1 3.0 8.9	13.9 9.5 2.3 5.1	12.6 8.9 1.8 3.1	11.4 8.4 1.4 1.9	17.5 10.8 3.5 11.7	16.1 10.2 2.7 6.9	14.8 9.6 2.1 4.3	13.5 9.1 1.7 2.7
44	Cool kBTU Sens. kBTU GPM dp FT	12.3 8.7 2.5 5.8	11.0 8.1 1.8 3.2	9.8 7.6 1.4 1.9	8.6 7.1 1.1 1.1	14.1 9.6 2.8 7.6	12.8 9.0 2.1 4.4	11.6 8.5 1.7 2.6	10.4 8.0 1.3 1.6	16.3 10.3 3.3 10.2	15.0 9.7 2.5 6.0	13.7 9.2 2.0 3.7	12.5 8.6 1.6 2.3
45	Cool kBTU Sens. kBTU GPM dp FT	11.2 8.2 2.2 4.8	10.0 7.7 1.7 2.6	8.8 7.2 1.3 1.5	7.7 6.7 1.0 0.9	13.1 9.1 2.6 6.5	11.8 8.6 2.0 3.7	10.6 8.1 1.5 2.2	9.4 7.6 1.2 1.3	15.2 9.8 3.0 8.8	13.9 9.2 2.3 5.1	12.6 8.7 1.8 3.1	11.4 8.2 1.4 1.9
46	Cool kBTU Sens. kBTU GPM dp FT	10.2 7.8 2.0 4.0	9.0 7.2 1.5 2.1	7.8 6.8 1.1 1.2	6.8 6.4 0.8 0.7	12.0 8.7 2.4 5.5	10.8 8.1 1.8 3.1	9.6 7.7 1.4 1.8	8.5 7.2 1.1 1.1	14.1 9.3 2.8 7.6	12.8 8.8 2.1 4.4	11.6 8.3 1.7 2.6	10.4 7.8 1.3 1.6
47	Cool kBTU Sens. kBTU GPM dp FT	9.2 7.3 1.8 3.2	8.0 6.9 1.3 1.7	6.9 6.4 1.0 0.9	5.9 5.9 0.7 0.5	11.0 8.2 2.2 4.6	9.8 7.7 1.6 2.5	8.6 7.3 1.2 1.5	7.6 6.9 0.9 0.9	13.0 8.9 2.6 6.5	11.8 8.4 2.0 3.7	10.6 7.9 1.5 2.2	9.4 7.5 1.2 1.3
48	Cool kBTU Sens. kBTU GPM dp FT	8.2 6.9 1.6 2.6	7.1 6.5 1.2 1.3	6.0 6.0 0.9 0.7	5.1 5.1 0.6 0.4	10.0 7.8 2.0 3.8	8.8 7.4 1.5 2.1	7.7 6.9 1.1 1.2	6.7 6.6 0.8 0.7	12.0 8.5 2.4 5.5	10.8 8.0 1.8 3.1	9.6 7.5 1.4 1.8	8.5 7.1 1.1 1.1

Heating Capacity - 2Pipe configuration

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		15	20	25	30	15	20	25	30	15	20	25	30
		120	Heat kBTU GPM dp FT	18.2 2.4 5.7	16.7 1.7 2.7	15.2 1.2 1.4	13.8 0.9 0.8	16.1 2.2 4.4	14.6 1.5 2.0	13.2 1.1 1.1	11.8 0.8 0.6	14.1 1.9 3.4	12.6 1.3 1.5
130	Heat kBTU GPM dp FT	22.4 3.0 8.6	20.8 2.1 4.2	19.3 1.5 2.3	17.8 1.2 1.4	20.3 2.7 7.0	18.8 1.9 3.4	17.2 1.4 1.8	15.8 1.1 1.1	18.2 2.4 5.7	16.7 1.7 2.7	15.2 1.2 1.4	13.8 0.9 0.8
140	Heat kBTU GPM dp FT	26.6 3.5 12.1	25.0 2.5 6.0	23.4 1.9 3.4	21.9 1.5 2.0	24.5 3.3 10.2	22.9 2.3 5.0	21.4 1.7 2.8	19.9 1.3 1.7	22.4 3.0 8.6	20.8 2.1 4.2	19.3 1.5 2.3	17.8 1.2 1.3
150	Heat kBTU GPM dp FT	30.8 4.1 16.2	29.2 2.9 8.2	27.6 2.2 4.7	26.0 1.7 2.9	28.7 3.8 14.0	27.1 2.7 7.0	25.5 2.0 4.0	24.0 1.6 2.4	26.6 3.5 12.1	25.0 2.5 6.0	23.4 1.9 3.4	21.9 1.5 2.0

Heating Capacity - 4Pipe configuration (Standard coils- other coils available)

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		30	40	50	60	30	40	50	60	30	40	50	60
		160	Heat kBTU GPM dp FT	13.1 0.9 4.4	11.8 0.6 2.0	10.5 0.4 1.0	9.2 0.3 0.6	12.2 0.8 3.8	10.9 0.5 1.7	9.6 0.4 0.9	8.4 0.3 0.5	11.3 0.8 3.3	10.0 0.5 1.4
180	Heat kBTU GPM dp FT	16.7 1.1 7.2	15.4 0.8 3.4	14.0 0.6 1.8	12.7 0.4 1.0	15.8 1.1 6.5	14.5 0.7 3.0	13.1 0.5 1.6	11.9 0.4 0.9	14.9 1.0 5.8	13.6 0.7 2.7	12.2 0.5 1.4	11.0 0.4 0.8

Fan Coil Performance Data

The Whalen Company

Model WFC-600

Cooling Capacity

Entering Water°F	Entering air Water Rise°F	75.0 db°F / 63.0 wb°F				78.0 db°F 65.0 wb°F				80.0 db°F 67.0 wb°F			
		10	12	14	16	10	12	14	16	10	12	14	16
		42	Cool kBTU Sens. kBTU GPM dp FT	18.0 13.3 3.6 14.6	16.5 12.7 2.8 8.6	15.1 12.1 2.2 5.2	13.6 11.5 1.7 3.3	20.2 14.5 4.0 18.4	18.7 13.9 3.1 11.0	17.3 13.3 2.5 6.9	15.9 12.7 2.0 4.4	22.9 15.3 4.6 23.7	21.4 14.6 3.6 14.4
43	Cool kBTU Sens. kBTU GPM dp FT	16.6 12.8 3.3 12.5	15.2 12.2 2.5 7.2	13.8 11.6 2.0 4.4	12.4 11.0 1.5 2.7	18.8 13.9 3.8 16.0	17.4 13.3 2.9 9.5	16.0 12.8 2.3 5.9	14.6 12.2 1.8 3.8	21.5 14.7 4.3 20.9	20.0 14.1 3.3 12.6	18.6 13.5 2.7 8.0	17.2 13.0 2.1 5.2
44	Cool kBTU Sens. kBTU GPM dp FT	15.3 12.2 3.1 10.6	13.9 11.6 2.3 6.1	12.5 11.1 1.8 3.6	11.1 10.5 1.4 2.2	17.5 13.4 3.5 13.9	16.1 12.8 2.7 8.1	14.7 12.3 2.1 5.0	13.3 11.7 1.7 3.1	20.1 14.1 4.0 18.3	18.7 13.5 3.1 11.0	17.3 13.0 2.5 6.9	15.8 12.5 2.0 4.4
45	Cool kBTU Sens. kBTU GPM dp FT	14.1 11.7 2.8 8.9	12.6 11.1 2.1 5.0	11.3 10.6 1.6 2.9	9.9 9.9 1.2 1.7	16.2 12.9 3.2 11.9	14.8 12.3 2.5 6.9	13.5 11.8 1.9 4.2	12.1 11.3 1.5 2.6	18.8 13.6 3.8 16.0	17.4 13.0 2.9 9.5	16.0 12.5 2.3 5.9	14.6 12.0 1.8 3.8
46	Cool kBTU Sens. kBTU GPM dp FT	12.8 11.2 2.6 7.4	11.4 10.6 1.9 4.1	10.1 10.1 1.4 2.3	8.8 8.8 1.1 1.4	15.0 12.4 3.0 10.2	13.6 11.8 2.3 5.8	12.2 11.3 1.8 3.5	10.9 10.8 1.4 2.1	17.5 13.1 3.5 13.8	16.1 12.5 2.7 8.1	14.7 12.0 2.1 5.0	13.3 11.5 1.7 3.1
47	Cool kBTU Sens. kBTU GPM dp FT	11.6 10.7 2.3 6.1	10.2 10.2 1.7 3.3	8.9 8.9 1.3 1.8	7.6 7.6 1.0 1.0	13.8 11.9 2.8 8.6	12.4 11.4 2.1 4.8	11.1 10.9 1.6 2.8	9.8 9.8 1.2 1.7	16.2 12.6 3.2 11.9	14.8 12.1 2.5 6.9	13.5 11.6 1.9 4.2	12.1 11.1 1.5 2.6
48	Cool kBTU Sens. kBTU GPM dp FT	10.4 10.3 2.1 4.9	9.1 9.1 1.5 2.6	7.8 7.8 1.1 1.4	6.6 6.6 0.8 0.8	12.6 11.4 2.5 7.2	11.2 10.9 1.9 4.0	9.9 9.9 1.4 2.3	8.7 8.7 1.1 1.3	15.0 12.1 3.0 10.1	13.6 11.6 2.3 5.8	12.3 11.1 1.8 3.5	11.0 10.7 1.4 2.1

Heating Capacity - 2Pipe configuration

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		15	20	25	30	15	20	25	30	15	20	25	30
		120	Heat kBTU GPM dp FT	27.8 3.7 15.5	25.8 2.6 7.5	23.7 1.9 4.1	21.7 1.4 2.4	24.7 3.3 12.3	22.7 2.3 5.8	20.6 1.7 3.1	18.7 1.2 1.8	21.6 2.9 9.4	19.6 2.0 4.3
130	Heat kBTU GPM dp FT	34.0 4.5 23.2	31.9 3.2 11.5	29.9 2.4 6.5	27.8 1.9 3.9	30.9 4.1 19.2	28.8 2.9 9.4	26.8 2.1 5.2	24.8 1.7 3.1	27.8 3.7 15.5	25.8 2.6 7.5	23.7 1.9 4.1	21.7 1.4 2.4
140	Heat kBTU GPM dp FT	40.2 5.4 32.5	38.1 3.8 16.4	36.1 2.9 9.4	34.0 2.3 5.8	37.1 4.9 27.6	35.0 3.5 13.9	33.0 2.6 7.9	30.9 2.1 4.8	22.5 3.0 10.2	31.9 3.2 11.5	29.9 2.4 6.5	27.9 1.9 3.9
150	Heat kBTU GPM dp FT	46.4 6.2 43.2	44.3 4.4 22.2	42.2 3.4 12.9	40.2 2.7 8.1	43.3 5.8 37.6	41.2 4.1 19.2	39.1 3.1 11.1	37.1 2.5 6.9	40.2 5.4 32.4	38.1 3.8 16.4	36.0 2.9 9.4	34.0 2.3 5.8

Heating Capacity - 4Pipe configuration (Standard coils- other coils available)

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		30	40	50	60	30	40	50	60	30	40	50	60
		160	Heat kBTU GPM dp FT	20.4 1.4 11.1	18.5 0.9 5.2	16.7 0.7 2.7	14.8 0.5 1.5	19.1 1.3 9.7	17.2 0.9 4.4	15.3 0.6 2.3	13.5 0.5 1.2	17.7 1.2 8.3	15.8 0.8 3.7
180	Heat kBTU GPM dp FT	25.9 1.7 17.9	24.0 1.2 8.7	22.1 0.9 4.7	20.3 0.7 2.7	24.6 1.6 16.1	22.7 1.1 7.7	20.8 0.8 4.1	18.9 0.6 2.4	23.2 1.5 14.3	21.3 1.1 6.8	19.4 0.8 3.6	17.6 0.6 2.1

Last Updated 9/05

Fan Coil Performance Data

The Whalen Company

Model WFD-600

Cooling Capacity

Entering Water°F	Entering air Water Rise°F	75.0 db°F / 63.0 wb°F				78.0 db°F 65.0 wb°F				80.0 db°F 67.0 wb°F			
		10	12	14	16	10	12	14	16	10	12	14	16
		42	Cool kBTU Sens. kBTU GPM dp FT	22.0 14.8 4.4 9.5	20.2 14.0 3.4 5.5	18.3 13.1 2.6 3.4	16.6 12.4 2.1 2.1	24.7 16.2 4.9 11.9	22.9 15.3 3.8 7.1	21.1 14.5 3.0 4.4	19.3 13.7 2.4 2.8	28.1 17.2 5.6 15.4	26.2 16.4 4.4 9.3
43	Cool kBTU Sens. kBTU GPM dp FT	20.3 14.1 4.1 8.1	18.5 13.2 3.1 4.7	16.7 12.4 2.4 2.8	15.0 11.7 1.9 1.7	23.1 15.4 4.6 10.4	21.3 14.6 3.5 6.1	19.5 13.8 2.8 3.8	17.7 13.1 2.2 2.4	26.3 16.4 5.3 13.6	24.5 15.6 4.1 8.1	22.7 14.8 3.2 5.1	20.9 14.1 2.6 3.3
44	Cool kBTU Sens. kBTU GPM dp FT	18.7 13.3 3.7 6.9	16.9 12.5 2.8 3.9	15.2 11.8 2.2 2.3	13.5 11.1 1.7 1.4	21.4 14.7 4.3 9.0	19.7 13.9 3.3 5.2	17.9 13.1 2.6 3.2	16.2 12.4 2.0 2.0	24.6 15.7 4.9 11.9	22.8 14.9 3.8 7.1	21.0 14.1 3.0 4.4	19.3 13.4 2.4 2.8
45	Cool kBTU Sens. kBTU GPM dp FT	17.2 12.6 3.4 5.8	15.4 11.9 2.6 3.2	13.7 11.2 2.0 1.9	12.0 10.5 1.5 1.1	19.9 14.0 4.0 7.7	18.1 13.2 3.0 4.4	16.4 12.5 2.3 2.7	14.7 11.8 1.8 1.6	23.0 15.0 4.6 10.3	21.2 14.2 3.5 6.1	19.4 13.5 2.8 3.8	17.7 12.8 2.2 2.4
46	Cool kBTU Sens. kBTU GPM dp FT	15.6 12.0 3.1 4.8	13.9 11.2 2.3 2.6	12.2 10.6 1.7 1.5	10.6 9.9 1.3 0.9	18.3 13.3 3.7 6.6	16.6 12.6 2.8 3.7	14.9 11.9 2.1 2.2	13.2 11.3 1.7 1.3	21.4 14.3 4.3 8.9	19.6 13.5 3.3 5.2	17.9 12.8 2.6 3.2	16.2 12.2 2.0 2.0
47	Cool kBTU Sens. kBTU GPM dp FT	14.1 11.3 2.8 3.9	12.4 10.6 2.1 2.1	10.8 10.0 1.5 1.2	9.2 9.2 1.2 0.7	16.8 12.7 3.4 5.5	15.1 12.0 2.5 3.1	13.4 11.3 1.9 1.8	11.8 10.7 1.5 1.1	19.8 13.6 4.0 7.7	18.1 12.9 3.0 4.4	16.4 12.2 2.3 2.7	14.7 11.6 1.8 1.7
48	Cool kBTU Sens. kBTU GPM dp FT	12.7 10.8 2.5 3.2	11.0 10.1 1.8 1.7	9.4 9.4 1.3 0.9	8.0 8.0 1.0 0.5	15.3 12.1 3.1 4.6	13.7 11.4 2.3 2.5	12.0 10.8 1.7 1.4	10.5 10.2 1.3 0.8	18.3 13.0 3.7 6.5	16.6 12.3 2.8 3.7	14.9 11.7 2.1 2.2	13.3 11.1 1.7 1.3

Heating Capacity - 2Pipe configuration

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		15	20	25	30	15	20	25	30	15	20	25	30
		120	Heat kBTU GPM dp FT	27.3 3.6 6.5	25.2 2.5 3.1	23.0 1.8 1.7	21.0 1.4 1.0	24.2 3.2 5.1	22.1 2.2 2.4	20.0 1.6 1.2	18.0 1.2 0.7	21.2 2.8 3.9	19.0 1.9 1.8
130	Heat kBTU GPM dp FT	33.5 4.5 9.8	31.3 3.1 4.8	29.1 2.3 2.7	27.0 1.8 1.6	30.4 4.1 8.0	28.2 2.8 3.9	26.1 2.1 2.1	24.0 1.6 1.2	27.3 3.6 6.5	25.2 2.5 3.1	23.0 1.8 1.7	21.0 1.4 1.0
140	Heat kBTU GPM dp FT	39.7 5.3 13.7	37.5 3.7 6.9	35.3 2.8 3.9	33.1 2.2 2.4	36.6 4.9 11.6	34.4 3.4 5.8	32.2 2.6 3.2	30.1 2.0 2.0	33.5 4.5 9.8	31.3 3.1 4.8	29.1 2.3 2.7	27.0 1.8 1.6
150	Heat kBTU GPM dp FT	45.9 6.1 18.3	43.6 4.4 9.3	41.4 3.3 5.4	39.3 2.6 3.3	42.8 5.7 15.9	40.6 4.1 8.0	38.4 3.1 4.6	36.2 2.4 2.8	39.7 5.3 13.7	37.5 3.7 6.9	35.3 2.8 3.9	33.1 2.2 2.4

Heating Capacity - 4Pipe configuration (Standard coils- other coils available)

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		30	40	50	60	30	40	50	60	30	40	50	60
		160	Heat kBTU GPM dp FT	20.2 1.3 10.9	18.3 0.9 5.0	16.5 0.7 2.6	14.7 0.5 1.4	18.9 1.3 9.5	17.0 0.8 4.3	15.2 0.6 2.2	13.4 0.4 1.2	17.5 1.2 8.2	15.6 0.8 3.7
180	Heat kBTU GPM dp FT	25.7 1.7 17.6	23.8 1.2 8.5	21.9 0.9 4.6	20.1 0.7 2.7	24.3 1.6 15.7	22.4 1.1 7.5	20.6 0.8 4.1	18.7 0.6 2.3	22.9 1.5 14.0	21.1 1.1 6.7	19.2 0.8 3.5	17.4 0.6 2.0

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Fan Coil Performance Data

The Whalen Company

Model WFC-800

Cooling Capacity

Entering Water°F	Entering air Water Rise°F	75.0 db°F / 63.0 wb°F				78.0 db°F 65.0 wb°F				80.0 db°F 67.0 wb°F			
		10	12	14	16	10	12	14	16	10	12	14	16
		42	Cool kBTU Sens. kBTU GPM dp FT	22.2 16.7 4.4 9.5	20.1 15.7 3.3 5.4	17.9 14.9 2.6 3.2	15.9 14.1 2.0 1.9	25.1 18.2 5.0 12.1	22.9 17.3 3.8 7.0	20.8 16.4 3.0 4.2	18.8 15.6 2.3 2.6	28.7 19.2 5.7 15.8	26.5 18.3 4.4 9.3
43	Cool kBTU Sens. kBTU GPM dp FT	20.5 15.9 4.1 8.0	18.3 15.0 3.1 4.5	16.3 14.2 2.3 2.6	14.3 13.4 1.8 1.5	23.4 17.4 4.7 10.5	21.2 16.6 3.5 6.0	19.1 15.7 2.7 3.6	17.1 14.9 2.1 2.2	26.9 18.4 5.4 13.8	24.7 17.6 4.1 8.1	22.5 16.7 3.2 5.0	20.4 15.9 2.6 3.1
44	Cool kBTU Sens. kBTU GPM dp FT	18.8 15.2 3.8 6.8	16.7 14.4 2.8 3.7	14.6 13.6 2.1 2.1	12.8 12.8 1.6 1.2	21.6 16.7 4.3 9.0	19.5 15.9 3.3 5.1	17.5 15.1 2.5 3.0	15.5 14.3 1.9 1.8	25.1 17.7 5.0 12.0	22.9 16.9 3.8 7.0	20.8 16.0 3.0 4.2	18.7 15.3 2.3 2.6
45	Cool kBTU Sens. kBTU GPM dp FT	17.1 14.5 3.4 5.6	15.0 13.7 2.5 3.0	13.1 13.0 1.9 1.7	11.3 11.3 1.4 1.0	19.9 16.1 4.0 7.6	17.9 15.2 3.0 4.3	15.9 14.5 2.3 2.5	14.0 13.8 1.7 1.5	23.3 17.0 4.7 10.4	21.2 16.2 3.5 6.0	19.1 15.4 2.7 3.6	17.1 14.7 2.1 2.2
46	Cool kBTU Sens. kBTU GPM dp FT	15.5 13.9 3.1 4.6	13.5 13.1 2.2 2.4	11.6 11.6 1.7 1.3	9.9 9.9 1.2 0.7	18.3 15.4 3.7 6.4	16.3 14.6 2.7 3.5	14.3 13.9 2.0 2.0	12.5 12.5 1.6 1.2	21.6 16.4 4.3 8.9	19.5 15.6 3.2 5.1	17.5 14.8 2.5 3.0	15.5 14.1 1.9 1.8
47	Cool kBTU Sens. kBTU GPM dp FT	13.9 13.3 2.8 3.7	12.0 12.0 2.0 1.9	10.2 10.2 1.5 1.0	8.6 8.6 1.1 0.6	16.7 14.8 3.3 5.4	14.7 14.0 2.5 2.9	12.8 12.8 1.8 1.6	11.1 11.1 1.4 0.9	19.9 15.7 4.0 7.6	17.9 15.0 3.0 4.3	15.9 14.2 2.3 2.5	14.0 13.6 1.8 1.5
48	Cool kBTU Sens. kBTU GPM dp FT	12.4 12.4 2.5 2.9	10.5 10.5 1.8 1.5	8.8 8.8 1.3 0.8	7.4 7.4 0.9 0.4	15.2 14.2 3.0 4.4	13.2 13.2 2.2 2.3	11.4 11.4 1.6 1.3	9.8 9.8 1.2 0.7	18.3 15.1 3.7 6.4	16.3 14.4 2.7 3.5	14.4 13.7 2.1 2.0	12.6 12.6 1.6 1.2

Heating Capacity - 2Pipe configuration

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		15	20	25	30	15	20	25	30	15	20	25	30
		120	Heat kBTU GPM dp FT	31.1 4.1 8.2	28.2 2.8 3.8	25.4 2.0 2.0	22.8 1.5 1.1	27.4 3.7 6.4	24.6 2.5 2.9	21.9 1.8 1.5	19.4 1.3 0.8	23.8 3.2 4.8	21.0 2.1 2.1
130	Heat kBTU GPM dp FT	38.3 5.1 12.5	35.4 3.5 6.0	32.5 2.6 3.2	29.8 2.0 1.9	34.7 4.6 10.3	31.8 3.2 4.8	28.9 2.3 2.6	26.3 1.8 1.5	31.1 4.1 8.2	28.2 2.8 3.8	25.4 2.0 2.0	22.8 1.5 1.1
140	Heat kBTU GPM dp FT	45.6 6.1 17.8	42.6 4.3 8.7	39.7 3.2 4.8	36.9 2.5 2.9	42.0 5.6 15.0	39.0 3.9 7.3	36.1 2.9 4.0	33.3 2.2 2.4	38.3 5.1 12.5	35.4 3.5 6.0	32.5 2.6 3.2	29.8 2.0 1.9
150	Heat kBTU GPM dp FT	52.9 7.1 23.9	49.9 5.0 12.0	46.9 3.8 6.8	44.1 2.9 4.1	49.3 6.6 20.7	46.3 4.6 10.3	43.3 3.5 5.8	40.5 2.7 3.5	45.6 6.1 17.8	42.6 4.3 8.7	39.7 3.2 4.8	36.9 2.5 2.9

Heating Capacity - 4Pipe configuration (Standard coils- other coils available)

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		30	40	50	60	30	40	50	60	30	40	50	60
		160	Heat kBTU GPM dp FT	25.9 1.7 22.6	23.6 1.2 10.6	21.3 0.9 5.5	19.1 0.6 3.1	24.2 1.6 19.7	21.9 1.1 9.1	19.6 0.8 4.7	17.4 0.6 2.5	22.4 1.5 17.0	20.1 1.0 7.7
180	Heat kBTU GPM dp FT	32.8 2.2 36.4	30.5 1.5 17.7	28.2 1.1 9.7	25.9 0.9 5.7	31.1 2.1 32.6	28.8 1.4 15.7	26.5 1.1 8.5	24.2 0.8 5.0	29.3 2.0 29.1	27.0 1.4 13.9	24.8 1.0 7.5	22.5 0.7 4.3

Fan Coil Performance Data

The Whalen Company

Model WFD-800

Cooling Capacity

Entering Water°F	Entering air Water Rise°F	75.0 db°F / 63.0 wb°F				78.0 db°F 65.0 wb°F				80.0 db°F 67.0 wb°F			
		10	12	14	16	10	12	14	16	10	12	14	16
		42	Cool kBTU Sens. kBTU GPM dp FT	26.3 19.0 5.3 13.1	23.8 17.9 4.0 7.5	21.5 16.9 3.1 4.5	19.2 16.0 2.4 2.7	29.6 20.7 5.9 16.7	27.2 19.6 4.5 9.8	24.8 18.6 3.5 6.0	22.5 17.7 2.8 3.8	33.7 21.9 6.7 21.6	31.3 20.8 5.2 12.9
43	Cool kBTU Sens. kBTU GPM dp FT	24.2 18.1 4.8 11.2	21.8 17.1 3.6 6.3	19.5 16.1 2.8 3.7	17.3 15.2 2.2 2.2	27.6 19.8 5.5 14.4	25.2 18.8 4.2 8.4	22.8 17.8 3.3 5.1	20.6 16.9 2.6 3.1	31.6 21.0 6.3 19.0	29.2 20.0 4.9 11.2	26.8 19.0 3.8 7.0	24.5 18.1 3.1 4.4
44	Cool kBTU Sens. kBTU GPM dp FT	22.2 17.2 4.4 9.4	19.9 16.2 3.3 5.2	17.6 15.3 2.5 3.0	15.4 14.5 1.9 1.8	25.6 18.9 5.1 12.4	23.2 18.0 3.9 7.1	20.9 17.1 3.0 4.2	18.7 16.2 2.3 2.6	29.5 20.1 5.9 16.6	27.1 19.1 4.5 9.7	24.8 18.2 3.5 6.0	22.5 17.3 2.8 3.8
45	Cool kBTU Sens. kBTU GPM dp FT	20.3 16.4 4.1 7.8	18.0 15.5 3.0 4.3	15.8 14.6 2.3 2.4	13.7 13.7 1.7 1.4	23.6 18.1 4.7 10.6	21.3 17.2 3.6 6.0	19.1 16.3 2.7 3.5	16.9 15.5 2.1 2.1	27.5 19.3 5.5 14.4	25.1 18.3 4.2 8.3	22.8 17.4 3.3 5.0	20.6 16.6 2.6 3.1
46	Cool kBTU Sens. kBTU GPM dp FT	18.4 15.6 3.7 6.4	16.2 14.8 2.7 3.5	14.0 13.9 2.0 1.9	12.0 12.0 1.5 1.1	21.7 17.4 4.3 9.0	19.4 16.5 3.2 5.0	17.3 15.6 2.5 2.9	15.2 14.9 1.9 1.7	25.5 18.5 5.1 12.4	23.2 17.6 3.9 7.1	20.9 16.7 3.0 4.2	18.7 15.9 2.3 2.6
47	Cool kBTU Sens. kBTU GPM dp FT	16.6 14.9 3.3 5.2	14.4 14.1 2.4 2.7	12.3 12.3 1.8 1.5	10.4 10.4 1.3 0.8	19.9 16.7 4.0 7.5	17.6 15.8 2.9 4.1	15.5 15.0 2.2 2.3	13.5 13.5 1.7 1.4	23.6 17.7 4.7 10.6	21.3 16.9 3.5 6.0	19.1 16.0 2.7 3.5	16.9 15.3 2.1 2.1
48	Cool kBTU Sens. kBTU GPM dp FT	14.8 14.2 3.0 4.2	12.7 12.7 2.1 2.1	10.7 10.7 1.5 1.1	8.9 8.9 1.1 0.6	18.1 16.0 3.6 6.2	15.9 15.1 2.7 3.3	13.8 13.8 2.0 1.9	11.9 11.9 1.5 1.0	21.7 17.0 4.3 9.0	19.5 16.2 3.2 5.0	17.3 15.4 2.5 2.9	15.2 14.6 1.9 1.7

Heating Capacity - 2Pipe configuration

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		15	20	25	30	15	20	25	30	15	20	25	30
		120	Heat kBTU GPM dp FT	35.6 4.7 10.7	32.6 3.3 5.0	29.6 2.4 2.7	26.8 1.8 1.5	31.5 4.2 8.4	28.5 2.9 3.9	25.6 2.0 2.0	22.9 1.5 1.1	27.5 3.7 6.4	24.5 2.4 2.8
130	Heat kBTU GPM dp FT	43.8 5.8 16.2	40.7 4.1 7.9	37.7 3.0 4.3	34.7 2.3 2.5	39.7 5.3 13.3	36.6 3.7 6.4	33.6 2.7 3.4	30.7 2.0 2.0	35.6 4.7 10.7	32.6 3.3 5.0	29.6 2.4 2.7	26.8 1.8 1.5
140	Heat kBTU GPM dp FT	51.9 6.9 22.8	48.8 4.9 11.3	45.8 3.7 6.4	42.8 2.9 3.9	47.9 6.4 19.3	44.8 4.5 9.5	41.7 3.3 5.3	38.7 2.6 3.2	43.8 5.8 16.2	40.7 4.1 7.9	37.7 3.0 4.3	34.7 2.3 2.5
150	Heat kBTU GPM dp FT	60.1 8.0 30.5	57.0 5.7 15.4	53.9 4.3 8.8	50.9 3.4 5.5	56.0 7.5 26.5	52.9 5.3 13.3	49.8 4.0 7.6	46.8 3.1 4.6	52.0 6.9 22.8	48.8 4.9 11.3	45.8 3.7 6.4	42.8 2.9 3.9

Heating Capacity - 4Pipe configuration (Standard coils- other coils available)

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		30	40	50	60	30	40	50	60	30	40	50	60
		160	Heat kBTU GPM dp FT	25.7 1.7 22.3	23.4 1.2 10.4	21.2 0.8 5.4	18.9 0.6 3.0	24.0 1.6 19.4	21.7 1.1 8.9	19.5 0.8 4.6	17.2 0.6 2.5	22.3 1.5 16.7	20.0 1.0 7.6
180	Heat kBTU GPM dp FT	32.5 2.2 35.8	30.3 1.5 17.4	28.0 1.1 9.5	25.7 0.9 5.6	30.8 2.1 32.1	28.5 1.4 15.5	26.3 1.1 8.4	24.0 0.8 4.9	29.1 1.9 28.6	26.8 1.3 13.7	24.6 1.0 7.3	22.3 0.7 4.2

Fan Coil Performance Data

The Whalen Company

Model WFC-1000

Cooling Capacity

Entering Water°F	Entering air Water Rise°F	75.0 db°F / 63.0 wb°F				78.0 db°F 65.0 wb°F				80.0 db°F 67.0 wb°F			
		10	12	14	16	10	12	14	16	10	12	14	16
		42	Cool kBTU Sens. kBTU GPM dp FT	34.4 24.4 6.9 11.8	31.5 23.1 5.3 6.9	28.7 21.8 4.1 4.2	25.9 20.6 3.2 2.6	38.7 26.5 7.7 14.9	35.8 25.2 6.0 8.9	32.9 24.0 4.7 5.5	30.1 22.9 3.8 3.5	43.9 28.1 8.8 19.2	41.0 26.8 6.8 11.6
43	Cool kBTU Sens. kBTU GPM dp FT	31.8 23.2 6.4 10.1	29.0 21.9 4.8 5.8	26.1 20.8 3.7 3.5	23.4 19.6 2.9 2.1	36.1 25.4 7.2 13.0	33.2 24.1 5.5 7.6	30.4 23.0 4.3 4.7	27.7 21.8 3.5 3.0	41.2 26.9 8.2 16.9	38.3 25.7 6.4 10.2	35.5 24.5 5.1 6.4	32.6 23.3 4.1 4.1
44	Cool kBTU Sens. kBTU GPM dp FT	29.3 22.1 5.9 8.5	26.5 20.9 4.4 4.8	23.7 19.8 3.4 2.9	21.0 18.7 2.6 1.7	33.5 24.3 6.7 11.2	30.7 23.1 5.1 6.5	28.0 22.0 4.0 4.0	25.3 20.9 3.2 2.5	38.6 25.8 7.7 14.8	35.7 24.6 6.0 8.8	32.9 23.4 4.7 5.5	30.1 22.3 3.8 3.5
45	Cool kBTU Sens. kBTU GPM dp FT	26.8 21.0 5.4 7.2	24.0 19.9 4.0 4.0	21.3 18.8 3.0 2.3	18.8 17.8 2.3 1.4	31.1 23.2 6.2 9.6	28.3 22.1 4.7 5.5	25.6 21.0 3.7 3.3	22.9 20.0 2.9 2.0	36.0 24.7 7.2 12.9	33.2 23.5 5.5 7.6	30.4 22.4 4.3 4.7	27.7 21.4 3.5 3.0
46	Cool kBTU Sens. kBTU GPM dp FT	24.4 20.0 4.9 5.9	21.7 18.9 3.6 3.3	19.1 17.9 2.7 1.8	16.6 16.6 2.1 1.1	28.6 22.2 5.7 8.2	25.9 21.1 4.3 4.6	23.2 20.1 3.3 2.7	20.7 19.1 2.6 1.7	33.5 23.7 6.7 11.2	30.7 22.6 5.1 6.5	27.9 21.5 4.0 4.0	25.3 20.5 3.2 2.5
47	Cool kBTU Sens. kBTU GPM dp FT	22.1 19.1 4.4 4.9	19.4 18.0 3.2 2.6	16.9 16.9 2.4 1.4	14.5 14.5 1.8 0.8	26.3 21.3 5.3 6.9	23.6 20.2 3.9 3.8	21.0 19.2 3.0 2.2	18.5 18.3 2.3 1.3	31.0 22.7 6.2 9.6	28.3 21.6 4.7 5.5	25.6 20.6 3.7 3.3	23.0 19.6 2.9 2.1
48	Cool kBTU Sens. kBTU GPM dp FT	19.8 18.2 4.0 3.9	17.2 17.2 2.9 2.1	14.7 14.7 2.1 1.1	12.5 12.5 1.6 0.6	24.0 20.4 4.8 5.7	21.3 19.4 3.6 3.2	18.8 18.4 2.7 1.8	16.4 16.4 2.0 1.0	28.6 21.8 5.7 8.2	25.9 20.7 4.3 4.6	23.3 19.8 3.3 2.8	20.7 18.8 2.6 1.7

Heating Capacity - 2Pipe configuration

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		15	20	25	30	15	20	25	30	15	20	25	30
		120	Heat kBTU GPM dp FT	42.5 5.7 8.0	39.0 3.9 3.8	35.6 2.8 2.0	32.4 2.2 1.2	37.7 5.0 6.3	34.2 3.4 2.9	30.9 2.5 1.5	27.7 1.8 0.8	32.9 4.4 4.8	29.4 2.9 2.2
130	Heat kBTU GPM dp FT	52.2 7.0 12.1	48.6 4.9 5.9	45.2 3.6 3.3	41.8 2.8 1.9	47.4 6.3 9.9	43.8 4.4 4.8	40.4 3.2 2.6	37.0 2.5 1.5	42.5 5.7 8.0	39.0 3.9 3.8	35.6 2.8 2.0	32.3 2.2 1.2
140	Heat kBTU GPM dp FT	61.9 8.3 17.0	58.3 5.8 8.5	54.8 4.4 4.8	51.3 3.4 2.9	57.1 7.6 14.4	53.5 5.3 7.1	50.0 4.0 4.0	46.6 3.1 2.4	52.2 7.0 12.1	48.7 4.9 5.9	45.2 3.6 3.3	41.8 2.8 1.9
150	Heat kBTU GPM dp FT	71.6 9.5 22.7	68.0 6.8 11.5	64.4 5.2 6.6	60.9 4.1 4.1	66.8 8.9 19.7	63.2 6.3 9.9	59.6 4.8 5.7	56.1 3.7 3.5	61.9 8.3 17.0	58.3 5.8 8.5	54.8 4.4 4.8	51.3 3.4 2.9

Heating Capacity - 4Pipe configuration (Standard coils- other coils available)

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		30	40	50	60	30	40	50	60	30	40	50	60
		160	Heat kBTU GPM dp FT	38.0 2.5 15.7	35.0 1.8 7.5	32.1 1.3 4.0	29.1 1.0 2.3	35.5 2.4 13.7	32.6 1.6 6.5	29.6 1.2 3.4	26.7 0.9 1.9	33.0 2.2 11.9	30.1 1.5 5.5
180	Heat kBTU GPM dp FT	47.9 3.2 24.9	44.9 2.2 12.3	41.9 1.7 6.9	39.0 1.3 4.1	45.4 3.0 22.4	42.4 2.1 11.0	39.5 1.6 6.1	36.5 1.2 3.6	42.9 2.9 20.1	40.0 2.0 9.8	37.0 1.5 5.4	34.1 1.1 3.2

Fan Coil Performance Data

The Whalen Company

Model WFD-1000

Cooling Capacity

Entering Water°F	Entering air Water Rise°F	75.0 db°F / 63.0 wb°F				78.0 db°F 65.0 wb°F				80.0 db°F 67.0 wb°F			
		10	12	14	16	10	12	14	16	10	12	14	16
		42	Cool kBTU Sens. kBTU GPM dp FT	38.3 26.4 7.7 13.7	35.1 25.0 5.9 8.0	32.1 23.6 4.6 4.9	29.0 22.3 3.6 3.1	43.0 28.8 8.6 17.3	39.9 27.3 6.6 10.3	36.8 26.0 5.3 6.5	33.8 24.7 4.2 4.2	48.7 30.5 9.7 22.3	45.6 29.1 7.6 13.5
43	Cool kBTU Sens. kBTU GPM dp FT	35.4 25.1 7.1 11.8	32.3 23.7 5.4 6.8	29.3 22.4 4.2 4.1	26.3 21.2 3.3 2.5	40.1 27.5 8.0 15.1	37.0 26.1 6.2 8.9	34.0 24.8 4.9 5.5	31.0 23.6 3.9 3.5	45.8 29.2 9.1 19.6	42.6 27.8 7.1 11.8	39.6 26.5 5.7 7.5	36.5 25.2 4.6 4.9
44	Cool kBTU Sens. kBTU GPM dp FT	32.6 23.9 6.5 10.0	29.6 22.5 4.9 5.7	26.6 21.3 3.8 3.4	23.7 20.1 3.0 2.1	37.3 26.2 7.5 13.0	34.3 24.9 5.7 7.6	31.3 23.7 4.5 4.7	28.4 22.5 3.5 2.9	42.8 27.9 8.6 17.2	39.8 26.6 6.6 10.3	36.7 25.3 5.2 6.5	33.7 24.1 4.2 4.2
45	Cool kBTU Sens. kBTU GPM dp FT	29.9 22.7 6.0 8.4	26.9 21.4 4.5 4.7	24.0 20.2 3.4 2.8	21.2 19.1 2.6 1.6	34.6 25.0 6.9 11.2	31.6 23.8 5.3 6.5	28.6 22.6 4.1 3.9	25.8 21.5 3.2 2.4	40.0 26.7 8.0 15.0	37.0 25.4 6.2 8.9	34.0 24.2 4.9 5.5	31.0 23.1 3.9 3.5
46	Cool kBTU Sens. kBTU GPM dp FT	27.3 21.6 5.5 7.0	24.3 20.4 4.1 3.9	21.5 19.2 3.1 2.2	18.7 18.1 2.3 1.3	31.9 23.9 6.4 9.5	29.0 22.7 4.8 5.5	26.1 21.6 3.7 3.3	23.3 20.5 2.9 2.0	37.2 25.5 7.4 13.0	34.2 24.3 5.7 7.6	31.3 23.2 4.5 4.7	28.4 22.0 3.6 3.0
47	Cool kBTU Sens. kBTU GPM dp FT	24.7 20.5 4.9 5.7	21.8 19.3 3.6 3.1	19.0 18.3 2.7 1.7	16.4 16.4 2.0 1.0	29.3 22.9 5.9 8.0	26.4 21.7 4.4 4.5	23.6 20.6 3.4 2.7	20.9 19.6 2.6 1.6	34.5 24.4 6.9 11.2	31.6 23.3 5.3 6.5	28.7 22.2 4.1 3.9	25.8 21.1 3.2 2.4
48	Cool kBTU Sens. kBTU GPM dp FT	22.2 19.5 4.4 4.6	19.4 18.4 3.2 2.4	16.7 16.7 2.4 1.3	14.1 14.1 1.8 0.7	26.8 21.9 5.4 6.7	23.9 20.8 4.0 3.7	21.2 19.7 3.0 2.1	18.5 18.5 2.3 1.3	31.9 23.4 6.4 9.5	29.0 22.3 4.8 5.5	26.1 21.2 3.7 3.3	23.4 20.2 2.9 2.0

Heating Capacity - 2Pipe configuration

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		15	20	25	30	15	20	25	30	15	20	25	30
		120	Heat kBTU GPM dp FT	46.7 6.2 9.1	43.0 4.3 4.3	39.5 3.2 2.3	36.0 2.4 1.4	41.4 5.5 7.2	37.8 3.8 3.4	34.3 2.7 1.8	31.0 2.1 1.0	36.2 4.8 5.5	32.6 3.3 2.5
130	Heat kBTU GPM dp FT	57.2 7.6 13.6	53.5 5.4 6.7	49.9 4.0 3.7	46.4 3.1 2.2	51.9 6.9 11.2	48.3 4.8 5.5	44.7 3.6 3.0	41.2 2.7 1.8	46.7 6.2 9.1	43.0 4.3 4.3	39.5 3.2 2.3	36.1 2.4 1.4
140	Heat kBTU GPM dp FT	67.7 9.0 19.1	64.0 6.4 9.6	60.3 4.8 5.5	56.7 3.8 3.4	62.4 8.3 16.2	58.7 5.9 8.1	55.1 4.4 4.6	51.5 3.4 2.8	57.2 7.6 13.6	53.5 5.4 6.7	49.9 4.0 3.7	46.3 3.1 2.2
150	Heat kBTU GPM dp FT	78.2 10.4 25.5	74.5 7.4 13.0	70.8 5.7 7.5	67.2 4.5 4.7	73.0 9.7 22.2	69.2 6.9 11.2	65.6 5.2 6.5	62.0 4.1 4.0	67.7 9.0 19.1	64.0 6.4 9.6	60.3 4.8 5.5	56.7 3.8 3.4

Heating Capacity - 4Pipe configuration (Standard coils- other coils available)

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		30	40	50	60	30	40	50	60	30	40	50	60
		160	Heat kBTU GPM dp FT	37.6 2.5 15.4	34.7 1.7 7.4	31.8 1.3 4.0	28.9 1.0 2.3	35.2 2.3 13.5	32.3 1.6 6.4	29.3 1.2 3.4	26.4 0.9 1.9	32.8 2.2 11.7	29.8 1.5 5.4
180	Heat kBTU GPM dp FT	47.4 3.2 24.5	44.5 2.2 12.1	41.6 1.7 6.8	38.6 1.3 4.1	45.0 3.0 22.0	42.0 2.1 10.8	39.1 1.6 6.0	36.2 1.2 3.6	42.5 2.8 19.7	39.6 2.0 9.6	36.7 1.5 5.3	33.8 1.1 3.1

Fan Coil Performance Data

The Whalen Company

Model WFC-1200

Cooling Capacity

Entering Water°F	Entering air Water Rise°F	75.0 db°F / 63.0 wb°F				78.0 db°F 65.0 wb°F				80.0 db°F 67.0 wb°F			
		10	12	14	16	10	12	14	16	10	12	14	16
		42	Cool kBTU Sens. kBTU GPM dp FT	39.8 29.0 8.0 12.5	36.4 27.5 6.1 7.3	33.0 26.1 4.7 4.4	29.7 24.8 3.7 2.7	44.7 31.6 8.9 15.9	41.3 30.1 6.9 9.4	38.0 28.7 5.4 5.8	34.7 27.4 4.3 3.7	50.8 33.3 10.2 20.5	47.4 31.9 7.9 12.3
43	Cool kBTU Sens. kBTU GPM dp FT	36.8 27.7 7.4 10.7	33.4 26.3 5.6 6.1	30.1 24.9 4.3 3.7	26.9 23.6 3.4 2.2	41.7 30.3 8.3 13.8	38.3 28.9 6.4 8.1	35.0 27.5 5.0 5.0	31.8 26.3 4.0 3.1	47.7 32.0 9.5 18.0	44.3 30.6 7.4 10.8	40.9 29.2 5.8 6.8	37.6 27.9 4.7 4.4
44	Cool kBTU Sens. kBTU GPM dp FT	33.8 26.5 6.8 9.1	30.5 25.1 5.1 5.1	27.3 23.8 3.9 3.0	24.2 22.6 3.0 1.8	38.7 29.0 7.7 11.9	35.4 27.7 5.9 6.9	32.2 26.4 4.6 4.2	29.1 25.2 3.6 2.6	44.6 30.7 8.9 15.8	41.2 29.4 6.9 9.4	37.9 28.1 5.4 5.8	34.7 26.8 4.3 3.7
45	Cool kBTU Sens. kBTU GPM dp FT	30.9 25.3 6.2 7.6	27.7 23.9 4.6 4.2	24.5 22.7 3.5 2.4	21.6 21.5 2.7 1.4	35.9 27.9 7.2 10.2	32.6 26.6 5.4 5.8	29.4 25.3 4.2 3.5	26.4 24.1 3.3 2.2	41.6 29.5 8.3 13.7	38.3 28.2 6.4 8.1	35.0 26.9 5.0 5.0	31.8 25.7 4.0 3.1
46	Cool kBTU Sens. kBTU GPM dp FT	28.2 24.1 5.6 6.3	25.0 22.9 4.2 3.4	21.9 21.7 3.1 1.9	19.0 19.0 2.4 1.1	33.0 26.7 6.6 8.7	29.8 25.5 5.0 4.9	26.7 24.3 3.8 2.9	23.8 23.2 3.0 1.7	38.7 28.4 7.7 11.9	35.4 27.1 5.9 6.9	32.2 25.9 4.6 4.2	29.1 24.7 3.6 2.6
47	Cool kBTU Sens. kBTU GPM dp FT	25.4 23.1 5.1 5.1	22.3 21.8 3.7 2.7	19.4 19.4 2.8 1.5	16.7 16.7 2.1 0.9	30.3 25.7 6.1 7.3	27.2 24.4 4.5 4.1	24.1 23.3 3.4 2.4	21.2 21.2 2.7 1.4	35.8 27.2 7.2 10.2	32.6 26.0 5.4 5.8	29.4 24.9 4.2 3.5	26.4 23.8 3.3 2.2
48	Cool kBTU Sens. kBTU GPM dp FT	22.8 22.0 4.6 4.1	19.8 19.8 3.3 2.2	17.0 17.0 2.4 1.2	14.4 14.4 1.8 0.6	27.6 24.6 5.5 6.1	24.6 23.5 4.1 3.3	21.6 21.6 3.1 1.9	18.9 18.9 2.4 1.1	33.0 26.2 6.6 8.6	29.9 25.0 5.0 4.9	26.8 23.9 3.8 2.9	23.8 22.8 3.0 1.8

Heating Capacity - 2Pipe configuration

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		15	20	25	30	15	20	25	30	15	20	25	30
		120	Heat kBTU GPM dp FT	51.8 6.9 9.4	47.5 4.8 4.5	43.4 3.5 2.4	39.5 2.6 1.4	45.9 6.1 7.4	41.7 4.2 3.4	37.7 3.0 1.8	33.9 2.3 1.0	40.0 5.3 5.6	35.9 3.6 2.6
130	Heat kBTU GPM dp FT	63.6 8.5 14.2	59.2 5.9 7.0	55.0 4.4 3.8	50.9 3.4 2.3	57.7 7.7 11.7	53.4 5.3 5.6	49.2 3.9 3.1	45.2 3.0 1.8	51.8 6.9 9.4	47.5 4.8 4.5	43.4 3.5 2.4	39.5 2.6 1.4
140	Heat kBTU GPM dp FT	75.4 10.1 20.0	71.0 7.1 10.0	66.7 5.3 5.6	62.5 4.2 3.4	69.5 9.3 17.0	65.1 6.5 8.4	60.9 4.9 4.7	56.7 3.8 2.8	63.6 8.5 14.2	59.3 5.9 7.0	55.0 4.4 3.8	50.9 3.4 2.3
150	Heat kBTU GPM dp FT	87.2 11.6 26.8	82.8 8.3 13.6	78.5 6.3 7.8	74.2 4.9 4.9	81.3 10.8 23.3	76.9 7.7 11.7	72.6 5.8 6.7	68.4 4.6 4.1	75.4 10.1 20.0	71.0 7.1 10.0	66.7 5.3 5.6	62.5 4.2 3.4

Heating Capacity - 4Pipe configuration (Standard coils- other coils available)

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		30	40	50	60	30	40	50	60	30	40	50	60
		160	Heat kBTU GPM dp FT	43.0 2.9 25.4	39.7 2.0 12.2	36.4 1.5 6.6	33.2 1.1 3.8	40.2 2.7 22.3	36.9 1.8 10.6	33.7 1.3 5.6	30.4 1.0 3.2	37.4 2.5 19.3	34.1 1.7 9.0
180	Heat kBTU GPM dp FT	54.1 3.6 40.3	50.8 2.5 20.0	47.5 1.9 11.2	44.3 1.5 6.8	51.3 3.4 36.3	48.0 2.4 17.9	44.8 1.8 9.9	41.5 1.4 5.9	48.5 3.2 32.4	45.2 2.3 15.9	42.0 1.7 8.7	38.7 1.3 5.2

Fan Coil Performance Data

The Whalen Company

Model WFD-1200

Cooling Capacity

Entering Water°F	Entering air Water Rise°F	75.0 db°F / 63.0 wb°F				78.0 db°F 65.0 wb°F				80.0 db°F 67.0 wb°F			
		10	12	14	16	10	12	14	16	10	12	14	16
		42	Cool kBTU Sens. kBTU GPM dp FT	46.9 33.0 9.4 16.1	43.1 31.3 7.2 9.4	39.3 29.7 5.6 5.8	35.6 28.1 4.4 3.6	52.6 35.9 10.5 20.3	48.8 34.2 8.1 12.1	45.1 32.6 6.4 7.6	41.4 31.1 5.2 4.9	59.7 38.0 11.9 26.1	55.8 36.3 9.3 15.8
43	Cool kBTU Sens. kBTU GPM dp FT	43.4 31.5 8.7 13.8	39.6 29.8 6.6 8.0	35.9 28.2 5.1 4.8	32.3 26.7 4.0 3.0	49.1 34.4 9.8 17.6	45.4 32.8 7.6 10.5	41.7 31.2 6.0 6.5	38.0 29.7 4.8 4.1	56.0 36.4 11.2 23.0	52.2 34.8 8.7 13.9	48.5 33.2 6.9 8.8	44.7 31.7 5.6 5.7
44	Cool kBTU Sens. kBTU GPM dp FT	40.0 30.0 8.0 11.7	36.2 28.4 6.0 6.7	32.6 26.9 4.7 4.0	29.1 25.4 3.6 2.4	45.7 32.9 9.1 15.3	42.0 31.3 7.0 9.0	38.3 29.8 5.5 5.5	34.8 28.4 4.3 3.5	52.5 34.9 10.5 20.1	48.7 33.3 8.1 12.1	45.0 31.8 6.4 7.6	41.3 30.4 5.2 4.9
45	Cool kBTU Sens. kBTU GPM dp FT	36.6 28.5 7.3 9.8	33.0 27.0 5.5 5.5	29.4 25.6 4.2 3.2	26.0 24.2 3.2 1.9	42.3 31.5 8.5 13.1	38.7 30.0 6.4 7.6	35.1 28.6 5.0 4.6	31.6 27.2 4.0 2.9	49.0 33.5 9.8 17.6	45.3 31.9 7.5 10.4	41.6 30.5 5.9 6.5	38.0 29.1 4.8 4.1
46	Cool kBTU Sens. kBTU GPM dp FT	33.4 27.2 6.7 8.2	29.8 25.7 5.0 4.5	26.3 24.4 3.8 2.6	23.0 23.0 2.9 1.5	39.1 30.1 7.8 11.2	35.5 28.7 5.9 6.4	32.0 27.3 4.6 3.8	28.6 26.0 3.6 2.3	45.6 32.1 9.1 15.2	41.9 30.6 7.0 8.9	38.3 29.2 5.5 5.5	34.8 27.9 4.4 3.5
47	Cool kBTU Sens. kBTU GPM dp FT	30.2 25.9 6.0 6.7	26.7 24.5 4.5 3.6	23.3 23.2 3.3 2.0	20.1 20.1 2.5 1.2	35.9 28.9 7.2 9.4	32.4 27.5 5.4 5.3	28.9 26.2 4.1 3.1	25.6 24.9 3.2 1.9	42.3 30.7 8.5 13.1	38.7 29.3 6.4 7.6	35.1 28.0 5.0 4.6	31.7 26.7 4.0 2.9
48	Cool kBTU Sens. kBTU GPM dp FT	27.2 24.7 5.4 5.4	23.7 23.4 4.0 2.9	20.5 20.5 2.9 1.6	17.4 17.4 2.2 0.9	32.8 27.6 6.6 7.9	29.3 26.3 4.9 4.4	26.0 25.0 3.7 2.5	22.7 22.7 2.8 1.5	39.0 29.5 7.8 11.2	35.5 28.1 5.9 6.4	32.0 26.8 4.6 3.8	28.6 25.6 3.6 2.3

Heating Capacity - 2Pipe configuration

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		15	20	25	30	15	20	25	30	15	20	25	30
		120	Heat kBTU GPM dp FT	56.9 7.6 10.5	52.5 5.2 5.0	48.2 3.9 2.7	44.0 2.9 1.6	50.5 6.7 8.3	46.1 4.6 3.9	41.9 3.4 2.1	37.8 2.5 1.2	44.1 5.9 6.3	39.8 4.0 2.9
130	Heat kBTU GPM dp FT	69.6 9.3 15.8	65.2 6.5 7.8	60.8 4.9 4.3	56.5 3.8 2.6	63.2 8.4 13.0	58.8 5.9 6.3	54.5 4.4 3.5	50.2 3.3 2.1	56.9 7.6 10.5	52.5 5.2 5.0	48.2 3.9 2.7	44.0 2.9 1.6
140	Heat kBTU GPM dp FT	82.4 11.0 22.1	77.9 7.8 11.1	73.5 5.9 6.3	69.2 4.6 3.9	76.0 10.1 18.8	71.6 7.2 9.4	67.1 5.4 5.3	62.8 4.2 3.2	69.6 9.3 15.8	65.2 6.5 7.8	60.8 4.9 4.3	56.5 3.8 2.6
150	Heat kBTU GPM dp FT	95.2 12.7 29.5	90.7 9.1 15.1	86.3 6.9 8.7	81.9 5.5 5.4	88.8 11.8 25.7	84.3 8.4 13.0	79.9 6.4 7.5	75.5 5.0 4.6	82.4 11.0 22.1	77.9 7.8 11.1	73.5 5.9 6.3	69.2 4.6 3.9

Heating Capacity - 4Pipe configuration (Standard coils- other coils available)

Entering Water°F	Entering air Water Rise°F	65.0 db°F				70.0 db°F				75.0 db°F			
		30	40	50	60	30	40	50	60	30	40	50	60
		160	Heat kBTU GPM dp FT	42.5 2.8 24.9	39.3 2.0 12.0	36.1 1.4 6.5	32.9 1.1 3.7	39.8 2.7 21.8	36.6 1.8 10.4	33.3 1.3 5.5	30.1 1.0 3.1	37.0 2.5 18.9	33.8 1.7 8.9
180	Heat kBTU GPM dp FT	53.5 3.6 39.5	50.3 2.5 19.6	47.1 1.9 11.0	43.8 1.5 6.6	50.8 3.4 35.5	47.5 2.4 17.5	44.3 1.8 9.7	41.1 1.4 5.8	48.0 3.2 31.8	44.8 2.2 15.6	41.6 1.7 8.6	38.4 1.3 5.1

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