

HOT WATER COIL | PERFORMANCE DATA

UNIT SIZE	ROWS	GPM	HEAD LOSS	AIRFLOW, CFM & RESULTING MBH							
				200	225	250	275	300	325	350	375
2	1	1.0	0.13	8.8	9.3	9.8	10.2	10.6	11.0	11.4	11.7
		2.0	0.42	9.6	10.2	10.8	11.3	11.8	12.3	12.8	13.2
		3.0	0.91	9.9	10.6	11.2	11.8	12.3	12.8	13.3	13.8
		4.0	1.56	10.0	10.7	11.4	12.0	12.6	13.1	13.6	14.1
		AIR PRESSURE DROP		0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02
	2	1.0	0.26	13.8	14.8	15.7	16.6	17.3	18.0	18.7	19.3
		2.0	0.79	15.2	16.4	17.6	18.7	19.8	20.7	21.6	22.5
		4.0	2.91	15.9	17.3	18.7	19.9	21.1	22.2	23.3	24.3
		6.0	6.31	16.2	17.6	19.0	20.3	21.6	22.8	23.9	25.0
		AIR PRESSURE DROP		0.02	0.02	0.03	0.03	0.04	0.04	0.04	0.05

UNIT SIZE	ROWS	GPM	HEAD LOSS	AIRFLOW, CFM & RESULTING MBH							
				300	340	380	420	460	500	540	575
3	1	1.0	0.13	10.6	11.2	11.7	12.2	12.6	13.0	13.4	13.7
		2.0	0.42	11.8	12.6	13.3	13.9	14.5	15.0	15.5	15.9
		3.0	0.91	12.3	13.1	13.9	14.5	15.2	15.8	16.3	16.8
		4.0	1.56	12.6	13.4	14.2	14.9	15.6	16.2	16.8	17.2
		AIR PRESSURE DROP		0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05
	2	1.0	0.27	17.3	18.4	19.4	20.3	21.1	21.9	22.5	23.1
		2.0	0.79	19.8	21.3	22.7	24.0	25.2	26.3	27.3	28.2
		4.0	2.91	21.1	22.9	24.5	26.1	27.6	28.9	30.2	31.3
		6.0	6.30	21.6	23.5	25.2	26.9	28.4	29.9	31.3	32.4
		AIR PRESSURE DROP		0.04	0.05	0.05	0.06	0.07	0.09	0.10	0.11

UNIT SIZE	ROWS	GPM	HEAD LOSS	AIRFLOW, CFM & RESULTING MBH							
				475	550	625	700	775	850	925	1000
4	1	1.0	0.17	15.3	16.2	16.9	17.6	18.2	18.7	19.2	19.7
		2.0	0.53	17.6	18.8	19.9	20.9	21.8	22.6	23.3	24.0
		3.0	1.13	18.5	19.8	21.1	22.2	23.2	24.1	25.0	25.8
		4.0	1.94	19.0	20.4	21.7	22.9	24.0	24.9	25.9	26.7
		AIR PRESSURE DROP		0.02	0.03	0.03	0.04	0.05	0.05	0.06	0.07
	2	1.0	0.33	24.4	26.0	27.3	28.5	29.5	30.4	31.2	31.9
		2.0	1.00	29.2	31.6	33.8	35.7	37.5	39.1	40.5	41.9
		4.0	3.66	31.9	35.0	37.7	40.2	42.6	44.7	46.7	48.5
		6.0	7.94	32.9	36.2	39.2	41.9	44.5	46.9	49.1	51.1
		AIR PRESSURE DROP		0.04	0.05	0.07	0.08	0.09	0.11	0.12	0.14

MBH CORRECTION FACTORS FOR OTHER ENTERING CONDITIONS										
DELTA-T	50	60	70	80	90	100	115	125	140	150
FACTOR	0.44	0.52	0.61	0.70	0.79	0.88	1.00	1.07	1.20	1.30

NOTES: Hot water capacities are in MBH. Data is based upon 180°F entering water with 0% Glycol and 65°F entering air. Head loss is in feet of water. Air Temperature Rise = 927xMBH/CFM. Water Temperature Drop = 2.04xMBH/GPM. Coils are not for steam application. Contact your local Krueger representative for steam coil information. Tables are based upon a temperature difference of 115°F between entering air and entering water. For other temperature differences, multiply MBH values by correction factors provided. See selection software for specific hot water coil data. Airside ΔPs is defined as the minimum static pressure at the maximum CFM with the damper full open.

HOT WATER COIL | PERFORMANCE DATA (CONTINUED)

UNIT SIZE	ROWS	GPM	HEAD LOSS	AIRFLOW, CFM & RESULTING MBH							
				900	975	1050	1125	1200	1275	1350	1400
5	1	1.0	0.20	20.8	21.3	21.8	22.3	22.7	23.0	23.4	23.6
		2.0	0.62	25.3	26.1	26.8	27.5	28.2	28.8	29.3	29.7
		3.0	1.33	27.1	28.0	28.9	29.7	30.4	31.1	31.8	32.3
		4.0	2.29	28.0	29.0	30.0	30.9	31.7	32.5	33.2	33.7
		AIR PRESSURE DROP		0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09
	2	1.0	0.41	32.9	33.6	34.4	35.0	35.6	36.1	36.6	36.9
		2.0	1.18	42.8	44.4	45.8	47.1	48.3	49.4	50.5	51.1
		4.0	4.34	49.3	51.4	53.4	55.3	57.0	58.7	60.3	61.3
		6.0	9.40	51.8	54.2	56.4	58.5	60.5	62.4	64.2	65.4
		AIR PRESSURE DROP		0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18

UNIT SIZE	ROWS	GPM	HEAD LOSS	AIRFLOW, CFM & RESULTING MBH							
				1000	1100	1200	1300	1400	1500	1600	1700
6	1	1.0	0.21	22.6	23.2	23.8	24.3	24.8	25.3	25.7	26.0
		2.0	0.66	27.7	28.8	29.7	30.6	31.4	32.1	32.8	33.5
		3.0	1.42	29.8	31.0	32.1	33.2	34.1	35.0	35.8	36.6
		4.0	2.45	31.0	32.3	33.5	34.6	35.7	36.6	37.6	38.4
		AIR PRESSURE DROP		0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10
	2	1.0	0.44	35.0	36.0	36.8	37.5	38.1	38.7	39.2	39.7
		2.0	1.27	46.6	48.5	50.2	51.8	53.2	54.5	55.7	56.9
		4.0	4.65	54.2	56.9	59.5	61.8	64.0	66.0	67.9	69.7
		6.0	12.54	59.0	62.2	65.2	68.0	70.6	73.1	75.5	77.7
		AIR PRESSURE DROP		0.11	0.13	0.16	0.18	0.20	0.23	0.25	0.28

UNIT SIZE	ROWS	GPM	HEAD LOSS	AIRFLOW, CFM & RESULTING MBH							
				1200	1310	1420	1530	1640	1750	1860	1950
7	1	1.0	0.21	23.8	24.4	24.9	25.4	25.8	26.2	26.6	26.9
		2.0	0.66	29.7	30.7	31.5	32.3	33.1	33.8	34.4	34.9
		3.0	1.42	32.1	33.3	34.3	35.3	36.2	37.0	37.8	38.4
		4.0	2.45	33.5	34.7	35.9	36.9	37.9	38.8	39.7	40.4
		AIR PRESSURE DROP		0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13
	2	1.0	0.44	36.8	37.6	38.3	38.9	39.4	39.9	40.4	40.7
		2.0	1.27	50.2	51.9	53.5	54.9	56.2	57.4	58.5	59.3
		4.0	4.65	59.5	62.0	64.4	66.6	68.6	70.6	72.3	73.7
		6.0	12.56	65.2	68.3	71.2	73.9	76.4	78.8	81.1	82.8
		AIR PRESSURE DROP		0.16	0.18	0.21	0.23	0.26	0.29	0.32	0.35

MBH CORRECTION FACTORS FOR OTHER ENTERING CONDITIONS										
DELTA-T	50	60	70	80	90	100	115	125	140	150
FACTOR	0.44	0.52	0.61	0.70	0.79	0.88	1.00	1.07	1.20	1.30

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