

HOT WATER COIL | PERFORMANCE DATA

UNIT SIZE	ROWS	GPM	HEAD LOSS	AIRFLOW, CFM & RESULTING MBH							
				200	245	290	335	380	425	470	500
2	1	1.0	0.17	9.9	11.0	12.0	12.8	13.5	14.2	14.8	15.1
		2.0	0.53	10.8	12.1	13.3	14.3	15.3	16.1	16.9	17.4
		3.0	1.14	11.1	12.5	13.8	14.9	16.0	16.9	17.8	18.3
		4.0	1.97	11.3	12.8	14.1	15.2	16.3	17.3	18.2	18.8
		AIR PRESSURE DROP		0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03
	2	1.0	0.34	15.0	17.0	18.7	20.2	21.5	22.7	23.7	24.4
		2.0	1.01	16.4	18.9	21.1	23.2	25.0	26.7	28.3	29.3
		4.0	3.72	17.1	19.9	22.5	24.8	27.0	29.1	31.0	32.2
		6.0	8.04	17.3	20.2	22.9	25.4	27.7	29.9	31.9	33.2
		AIR PRESSURE DROP		0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.05

UNIT SIZE	ROWS	GPM	HEAD LOSS	AIRFLOW, CFM & RESULTING MBH							
				380	455	530	605	680	755	830	900
3	1	1.0	0.17	13.5	14.6	15.4	16.2	16.9	17.4	18.0	18.4
		2.0	0.53	15.3	16.7	17.9	18.9	19.9	20.8	21.5	22.2
		3.0	1.14	16.0	17.5	18.8	20.0	21.1	22.1	23.0	23.7
		4.0	1.96	16.3	17.9	19.3	20.6	21.7	22.8	23.8	24.6
		AIR PRESSURE DROP		0.02	0.02	0.03	0.04	0.04	0.05	0.06	0.07
	2	1.0	0.35	21.5	23.4	25.0	26.3	27.5	28.5	29.4	30.1
		2.0	1.01	25.0	27.8	30.2	32.4	34.3	36.0	37.6	39.0
		4.0	3.71	27.0	30.3	33.3	36.1	38.5	40.8	42.9	44.7
		6.0	8.02	27.7	31.3	34.5	37.4	40.1	42.6	44.9	46.9
		AIR PRESSURE DROP		0.03	0.04	0.06	0.07	0.09	0.10	0.12	0.13

UNIT SIZE	ROWS	GPM	HEAD LOSS	AIRFLOW, CFM & RESULTING MBH							
				700	760	820	880	940	1000	1060	1100
4	1	1.0	0.17	17.0	17.5	17.9	18.3	18.6	19.0	19.3	19.5
		2.0	0.53	20.1	20.8	21.4	22.0	22.6	23.1	23.6	23.9
		3.0	1.14	21.4	22.1	22.9	23.5	24.2	24.8	25.3	25.7
		4.0	1.96	22.0	22.9	23.6	24.3	25.0	25.7	26.3	26.7
		AIR PRESSURE DROP		0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09
	2	1.0	0.35	27.8	28.6	29.3	29.9	30.5	31.1	31.6	31.9
		2.0	1.01	34.8	36.2	37.4	38.6	39.7	40.7	41.6	42.2
		4.0	3.70	39.1	40.9	42.6	44.2	45.7	47.1	48.4	49.2
		6.0	8.00	40.8	42.7	44.6	46.3	48.0	49.5	51.0	52.0
		AIR PRESSURE DROP		0.09	0.10	0.12	0.13	0.14	0.16	0.17	0.18

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							
				1100	1160	1220	1280	1340	1400	1460	1500
5	1	1.0	0.25	25.1	25.5	25.9	26.2	26.6	26.9	27.2	27.4
		2.0	0.78	31.3	31.9	32.5	33.1	33.7	34.2	34.7	35.0
		3.0	1.66	33.8	34.5	35.3	36.0	36.6	37.3	37.9	38.3
		4.0	2.86	35.1	36.0	36.8	37.5	38.3	39.0	39.7	40.1
		AIR PRESSURE DROP		0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06
	2	1.0	0.52	37.8	38.4	38.9	39.3	39.7	40.1	40.5	40.7
		2.0	1.49	51.4	52.6	53.6	54.7	55.6	56.6	57.4	58.0
		4.0	5.46	60.6	62.3	63.9	65.5	67.0	68.4	69.8	70.6
		6.0	14.88	66.1	68.0	70.0	71.8	73.6	75.3	77.0	78.0
		AIR PRESSURE DROP		0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17

UNIT SIZE	ROWS	GPM	HEAD LOSS	AIRFLOW, CFM & RESULTING MBH							
				1500	1600	1700	1800	1900	2000	2100	2200
6	1	1.0	0.25	27.4	27.8	28.2	28.6	28.9	29.3	29.6	29.9
		2.0	0.77	35.0	35.8	36.5	37.2	37.9	38.5	39.0	39.6
		3.0	1.65	38.3	39.2	40.1	40.9	41.7	42.5	43.2	43.9
		4.0	2.85	40.1	41.1	42.1	43.1	44.0	44.8	45.6	46.4
		AIR PRESSURE DROP		0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12
	2	1.0	0.53	40.7	41.3	41.8	42.2	42.6	43.0	43.3	43.6
		2.0	1.49	58.0	59.3	60.5	61.7	62.7	63.7	64.6	65.5
		4.0	5.45	70.6	72.8	74.8	76.6	78.4	80.1	81.7	83.2
		6.0	14.91	78.0	80.6	83.1	85.4	87.7	89.8	91.9	93.8
		AIR PRESSURE DROP		0.17	0.19	0.21	0.23	0.25	0.27	0.30	0.32

UNIT SIZE	ROWS	GPM	HEAD LOSS	AIRFLOW, CFM & RESULTING MBH							
				1500	1645	1790	1935	2080	2225	2370	2500
7	1	1.0	0.23	29.0	28.0	28.6	29.1	29.5	29.9	30.3	30.6
		2.0	0.87	37.4	36.1	37.1	38.1	38.9	39.7	40.5	41.1
		3.0	1.89	41.3	39.6	40.9	42.0	43.1	44.1	45.0	45.8
		4.0	3.29	43.6	41.6	43.0	44.3	45.4	46.6	47.6	48.5
		AIR PRESSURE DROP		0.08	0.07	0.09	0.10	0.11	0.12	0.13	0.14
	2	1.0	0.48	41.2	41.5	42.2	42.7	43.3	43.7	44.1	44.4
		2.0	1.49	58.0	59.9	61.6	63.1	64.4	65.7	66.8	67.8
		4.0	5.45	70.6	73.7	76.5	79.0	81.4	83.6	85.6	87.3
		6.0	14.91	78.0	81.8	85.2	88.4	91.5	94.3	97.0	99.2
		AIR PRESSURE DROP		0.17	0.20	0.23	0.26	0.29	0.33	0.36	0.40

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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