HOT WATER COIL | PERFORMANCE DATA

UNIT SIZE	ROWS	GPM	HEAD LOSS	AIRFLOW, CFM & RESULTING MBH							
				300	330	360	390	420	450	480	500
2	1	1.0	0.13	10.6	11.1	11.5	11.9	12.2	12.5	12.8	13.0
		2.0	0.42	11.8	12.4	12.9	13.4	13.9	14.3	14.7	15.0
		3.0	0.91	12.3	12.9	13.5	14.0	14.5	15.0	15.5	15.8
		4.0	1.56	12.6	13.2	13.8	14.4	14.9	15.4	15.9	16.2
		AIR PRESSURE DROP		**0.02**	**0.02**	**0.03**	**0.03**	**0.03**	**0.04**	**0.04**	**0.04**
	2	1.0	0.27	17.3	18.2	19.0	19.7	20.3	20.9	21.5	21.9
		2.0	0.79	19.8	20.9	22.0	23.0	24.0	24.9	25.7	26.3
		4.0	2.91	21.1	22.5	23.7	24.9	26.1	27.2	28.2	28.9
		6.0	6.30	21.6	23.0	24.4	25.7	26.9	28.1	29.2	29.9
		AIR PRESSURE DROP		**0.04**	**0.04**	**0.05**	**0.06**	**0.06**	**0.07**	**0.08**	**0.09**

UNIT SIZE	ROWS	GPM	HEAD LOSS	AIRFLOW, CFM & RESULTING MBH							
				475	530	585	640	695	750	805	850
3	1	1.0	0.13	12.8	13.3	13.8	14.2	14.6	15.0	15.3	15.5
		2.0	0.42	14.7	15.4	16.0	16.6	17.1	17.6	18.1	18.4
		3.0	0.90	15.4	16.2	16.9	17.5	18.2	18.7	19.2	19.6
		4.0	1.56	15.8	16.6	17.4	18.1	18.7	19.3	19.9	20.3
		AIR PRESSURE DROP		**0.04**	**0.05**	**0.06**	**0.06**	**0.07**	**0.08**	**0.09**	**0.10**
	2	1.0	0.27	21.4	22.4	23.2	24.0	24.7	25.3	25.9	26.3
		2.0	0.79	25.6	27.1	28.4	29.6	30.7	31.8	32.7	33.5
		4.0	2.91	28.1	29.9	31.6	33.1	34.5	35.9	37.2	38.1
		6.0	6.29	29.0	30.9	32.7	34.4	36.0	37.5	38.9	39.9
		AIR PRESSURE DROP		**0.08**	**0.09**	**0.11**	**0.13**	**0.14**	**0.16**	**0.18**	**0.20**

UNIT SIZE	ROWS	GPM	HEAD LOSS	AIRFLOW, CFM & RESULTING MBH							
				800	875	950	1025	1100	1175	1250	1300
4	1	1.0	0.17	18.4	18.9	19.4	19.8	20.2	20.6	20.9	21.1
		2.0	0.53	22.0	22.8	23.6	24.2	24.8	25.4	26.0	26.3
		3.0	1.12	23.5	24.4	25.2	26.0	26.7	27.4	28.0	28.5
		4.0	1.94	24.3	25.3	26.2	27.0	27.8	28.5	29.2	29.7
		AIR PRESSURE DROP		**0.05**	**0.06**	**0.07**	**0.07**	**0.08**	**0.09**	**0.10**	**0.11**
	2	1.0	0.34	29.8	30.6	31.4	32.1	32.7	33.2	33.8	34.1
		2.0	0.99	38.0	39.6	41.0	42.3	43.5	44.6	45.6	46.3
		4.0	3.65	43.3	45.4	47.3	49.1	50.8	52.4	53.9	54.9
		6.0	7.92	45.3	47.6	49.8	51.8	53.7	55.5	57.2	58.3
		AIR PRESSURE DROP		**0.10**	**0.11**	**0.13**	**0.15**	**0.16**	**0.18**	**0.20**	**0.21**

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							
				1400	1490	1580	1670	1760	1850	1940	2000
5	1	1.0	0.20	23.6	24.0	24.3	24.6	24.9	25.2	25.5	25.6
		2.0	0.62	29.7	30.3	30.9	31.5	32.0	32.5	32.9	33.2
		3.0	1.32	32.3	33.0	33.7	34.4	35.0	35.6	36.2	36.5
		4.0	2.28	33.7	34.5	35.3	36.0	36.7	37.4	38.0	38.4
		AIR PRESSURE DROP		**0.09**	**0.10**	**0.11**	**0.12**	**0.13**	**0.14**	**0.15**	**0.16**
	2	1.0	0.42	36.9	37.4	37.9	38.3	38.7	39.0	39.4	39.6
		2.0	1.18	51.1	52.2	53.3	54.3	55.2	56.0	56.8	57.3
		4.0	4.32	61.3	63.0	64.6	66.1	67.6	68.9	70.2	71.0
		6.0	9.37	65.4	67.3	69.2	71.0	72.7	74.3	75.8	76.8
		AIR PRESSURE DROP		**0.18**	**0.20**	**0.22**	**0.24**	**0.26**	**0.28**	**0.30**	**0.32**

UNIT SIZE	ROWS	GPM	HEAD LOSS	AIRFLOW, CFM & RESULTING MBH							
				1400	1515	1630	1745	1860	1975	2090	2200
6	1	1.0	0.22	24.8	25.3	25.8	26.2	26.6	26.9	27.3	27.6
		2.0	0.66	31.4	32.2	33.0	33.7	34.4	35.0	35.6	36.2
		3.0	1.42	34.1	35.1	36.1	37.0	37.8	38.6	39.3	40.0
		4.0	2.44	35.7	36.8	37.8	38.8	39.7	40.6	41.4	42.1
		AIR PRESSURE DROP		**0.08**	**0.09**	**0.10**	**0.11**	**0.12**	**0.13**	**0.14**	**0.16**
	2	1.0	0.45	38.1	38.8	39.4	39.9	40.4	40.8	41.2	41.5
		2.0	1.27	53.2	54.7	56.1	57.3	58.5	59.5	60.5	61.4
		4.0	4.64	64.0	66.3	68.5	70.5	72.3	74.1	75.8	77.2
		6.0	12.57	70.6	73.5	76.2	78.7	81.1	83.3	85.4	87.4
		AIR PRESSURE DROP		**0.20**	**0.23**	**0.26**	**0.29**	**0.32**	**0.36**	**0.39**	**0.43**

UNIT SIZE	ROWS	GPM	HEAD LOSS	AIRFLOW, CFM & RESULTING MBH							
				2400	2530	2660	2790	2920	3050	3180	3300
7	1	1.0	0.27	32.4	32.8	33.1	33.4	33.6	33.9	34.1	34.3
		2.0	0.83	43.7	44.4	45.0	45.6	46.2	46.7	47.2	47.7
		3.0	1.77	48.9	49.7	50.5	51.3	52.0	52.7	53.4	54.0
		4.0	3.05	51.8	52.8	53.7	54.6	55.4	56.2	57.0	57.7
		AIR PRESSURE DROP		**0.11**	**0.12**	**0.13**	**0.14**	**0.15**	**0.16**	**0.17**	**0.18**
	2	1.0	0.55	45.8	46.2	46.5	46.7	47.0	47.2	47.4	47.6
		2.0	1.61	70.5	71.5	72.4	73.3	74.1	74.8	75.5	76.1
		4.0	5.82	91.4	93.3	95.0	96.7	98.2	99.7	101.1	102.3
		6.0	15.98	103.5	105.9	108.3	110.5	112.6	114.7	116.6	118.4
		AIR PRESSURE DROP		**0.29**	**0.31**	**0.34**	**0.37**	**0.40**	**0.43**	**0.46**	**0.49**

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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