

HOT WATER COIL TECHNICAL PERFORMANCE SCHEDULE													
3 rows / 12 FPI / 140F boiler output / 65F air intake													
HTL		CFM	600		800		1000		1200				WPD
	GPM	APD	0.18	LAT	0.29	LAT	0.42	LAT	0.58	LAT			
HTL12x18	5	BTU	33068	116	39046	110	43862	105	47848	102			1.25
	10	BTU	35390	119	42625	114	48711	110	53949	106			4.43
	12	BTU	35807	120	43281	115	49615	111	55104	107			6.21
		CFM	1200		1400		1600		1800				
		APD	0.29	LAT	0.37	LAT	0.47	LAT	0.58	LAT			WPD
HTL18x18	5	BTU	53889	106	57867	103	61267	100	64205	98			0.64
	10	BTU	61153	112	66720	109	71670	106	76111	104			2.25
	12	BTU	62517	113	68412	110	73687	107	78451	105			3.16
		CFM	1600		1800		2100		2400		2700		
		APD	0.33	LAT	0.39	LAT	0.52	LAT	0.66	LAT	0.79	LAT	WPD
HTL20x20	5	BTU	65867	103	69145	100	73299	97	79533	96	82987	93	0.57
	10	BTU	77025	109	82010	107	88629	104	94413	101	99522	99	1.98
	12	BTU	79163	110	84512	108	91670	105	97980	102	103601	100	2.8
		CFM	1800		2100		2400		2700		3100		
		APD	0.29	LAT	0.37	LAT	0.47	LAT	0.58	LAT	0.74	LAT	WPD
HTL22x22	5	BTU	73667	103	78232	99	84872	98	88622	95	92909	93	0.51
	10	BTU	87377	110	94707	106	101120	104	106790	101	113410	99	1.79
	12	BTU	90013	111	97945	108	104949	105	111197	103	118565	100	2.5
		CFM	1800		2000		2400		2800		3200		
		APD	0.22	LAT	0.26	LAT	0.35	LAT	0.46	LAT	0.59	LAT	WPD
HTL24x24	5	BTU	77812	105	81226	102	89772	99	95018	96	99411	94	0.47
	10	BTU	92264	112	97731	110	107307	106	115436	103	122438	100	1.62
	12	BTU	95007	114	100916	111	111368	108	120352	105	128181	102	2.27

EAT Entering air temperature 65 F
EWT Entering water temperature 140 F
LAT Leaving air temperature F
APD Air pressure drop: in w.c.

CFM Cubic feet per minute
WPD Water prssure drop: ft w.
GPM Gallons per minute