

Heating Capacities for UV-1200 Hot Water Coils

Table 1.0 UV-1200H Heating Capacity (MBH)
High Capacity 2 Row Coil Performance

Water	CFM					WPD (Ft of H2O)
	400	600	800	1000	1200	
4	32.66	40.86	47.21	52.35	56.67	1.5
5	33.47	42.21	49.06	54.68	59.45	2.3
6	34.05	43.17	50.38	56.37	61.47	3.4
7	34.47	43.89	51.39	57.63	63.02	4.6
8	34.8	44.45	52.17	58.65	64.24	6.0

Table 1.0 UV-1200H Heating Capacity (MBH)
High Capacity 3 Row Coil Performance

Water	CFM					WPD (Ft of H2O)
	400	600	800	1000	1200	
4	40.74	52.36	61.42	68.78	74.98	1.6
5	41.64	54.02	63.84	71.95	78.85	2.5
6	42.27	55.17	65.55	74.22	81.64	3.5
7	42.73	56.03	66.84	75.93	83.76	4.8
8	43.08	56.69	67.83	77.26	85.43	6.2

The above values are based on 48° entering air and 190° entering water

Table 1.3 Correction Factor

EWT (°F)	Entering Air Temperature (°F)				
	40	45	50	55	60
150	0.76	0.72	0.69	0.66	0.62
160	0.83	0.80	0.76	0.73	0.70
170	0.91	0.87	0.84	0.80	0.77
180	0.98	0.95	0.91	0.88	0.84
190	1.06	1.02	0.99	0.95	0.92
200	1.13	1.10	1.06	1.03	0.99

The unit air delivery range is within the charts above. Motor horse power ranges from 1/9 to 1/2 and is determined by design conditions. All motors are 3 speed direct drive.