

HEAT EXCHANGER COILS FOR USE ON MULTI-PURPOSE APPLICATIONS

Table 1		Coil Capacities For Domestic, Commercial and Industrial Use											
Boiler Series Coils Can Be Installed Water or 15# Steam See Table 2 Below For Maximum Available Insertion Length for Each Model	Coil Insertion Length Inches	Coil Heating Surface	Coils For Service Water Heating Or Process Water Storage Type Or Instantaneous Systems Flow Rate Thru Coil (GPM) = GPH / 60					Coils For Space Heating Radiation				For Swimming Pool And Low Temperature Water Heating	
			Coil Capacity Water Heating (MBH)	1 60° Rise 60° To 120° At 180° Boiler	2 100° Rise 40° To 140° At 180° Boiler	3 140° Rise 40° To 180° At 200° Boiler	Coil Capacity Water Heating (MBH)	4 40° Rise 140° To 180° At 200° Boiler	Coil Capacity Water Heating (MBH)	5 20° Rise 160° To 180° At 200° Boiler	80° Pool Water At 180° Boiler	Recommended Coil Flow Rate (GPM)	
				GPH	GPH	GPH		GPH		GPH			Coil Capacity (MBH)
			UT8F4-36-36	36	73	360	719			360	1076	300	1760
UT8F4-36-44	44	90	720	1438	862		500	1494	370	2171			
UT8F4-36-47	47	96	720	1438	862		540	1614	400	2347			
UT8F4-36-54	54	111	960	1918	1150	821	640	1913	470	2758			
UT8F4-36-56	56	115	960	1918	1150	821	670	2002	490	2875			
UT8F4-36-63	63	130	1200	2397	1437	1026	760	2271					
UT8F4-36-65	65	134	1200	2397	1437	1026	760	2271					
UT8F4-36-72	72	149	1440	2877	1725	1231	890	2660					
UT8F4-36-81	81	168	1680		2012	1437							
UT8F4-36-91	91	189	1920		2300	1642							
UT8F4-36-96	96	200	2000		2396	1710							
UT8F4-36-100	100	208	2160		2587	1847							
UT8F4-36-109	109	227	2400		2875	2052							
UT8F2-38-36	36	77	360						300	1760	360	72	
UT8F2-38-44	44	95	720						370	2171	720	100	
UT8F2-38-47	47	102	720				540	1614	400	2347	720	100	
UT8F2-38-54	54	117	960	1918			640	1913	470	2758	960	100	
UT8F2-38-56	56	122	960	1918			670	2002	490	2875	960	100	
UT8F2-38-63	63	137	1200	2397			760	2271	560	3286	1200	100	
UT8F2-38-65	65	142	1200	2397			760	2271	580	3403	1200	100	
UT8F2-38-72	72	157	1440	2877	1725		890	2660	650	3814	1440	100	
UT8F2-38-81	81	178	1680	3356	2012		1020	3048	730	4283	1680	100	
UT8F2-38-91	91	200	1920	3836	2300	1642	1160	3467	830	4870	1920	100	
UT8F2-38-96	96	211	2000	3996	2396	1710	1240	3706	880	5163	2000	100	
UT8F2-38-100	100	220	2160	4315	2587	1847	1290	3855	920	5398	2160	100	
UT8F2-38-109	109	240	2400	4795	2875	2052	1420	4244	1000	5867	2400	100	

Table 2		Maximum Available Insertion Lengths - Bryan Water Boilers					
Model	Length	Model	Length	Model	Length		
CLM90	44	CLM270	100	AB90	47	A. HEATING GLYCOL WATER When anti-freeze mixtures are used in the coil, reduce capacities by 40%. When used in the boiler, derate coil capacities by 25% B. HEATING DE-IONIZED WATER, CAUSTIC SODA, OR SPECIAL SOLUTIONS: Consult factory. These applications generally require an external stainless steel exchanger. C. APPLICATIONS AND TEMPERATURES NOT SHOWN: Consult factory for coil capacities. D. GPH is based on the inlet and outlet enthalpy.	
CLM120	54	CLM300	109	AB120	56		
CLM150	63	DR350	36	AB150	65		
CLM180	72	DR450	36	AB200	81		
CLM210	81	DR650	47	AB250	96		
CLM240	91	DR850	47	AB300	109		