BURNHAM Commercial Boilers
AMERICA'S BOILER COMPANY

TANKLESS COILS

INTERMITTENT DRAW RATINGS *
40°F - 140°F

Coil Model	Pipe Size	180°F Boiler Water				200°F Boiler Water				212°F Boiler Water			
		GPM	GPH	MBTU/HR	Pressure Drop, psi	GPM	GPH	MBTU/HR	Pressure Drop, psi	GPM	GPH	MBTU/HR	Pressure Drop, psi
INA-210	1"	3.5	210	174	2.0	4.3	260	216	3.0	5.3	315	261	4.8
INA-300	1"	5.0	300	249	4.0	6.3	375	311	6.2	7.8	465	386	9.6
INA-360	1-1/4"	6.0	360	299	2.5	7.5	450	374	3.9	9.3	560	465	6.0
INA-450	1-1/4"	7.5	450	374	4.0	9.3	560	465	6.2	11.7	700	581	9.6
INA-600	1-1/2"	10.0	600	498	3.0	12.5	750	623	4.7	15.5	930	772	7.2
INA-750	1-1/2"	12.5	750	623	4.4	15.6	936	777	6.9	19.4	1164	966	10.6
INA-900	2"	15.0	900	747	2.7	17.5	1050	872	4.2	23.3	1398	1,160	6.5
INA-1125	2"	18.8	1128	936	4.4	23.3	1400	1,162	6.9	29.2	1752	1,454	10.6
INA-1350	2"	22.5	1350	1,121	7.0	28.2	1692	1,404	10.9	35.0	2100	1,743	16.8
INA-1500	2"	25.0	1500	1,245	10.0	31.3	1875	1,556	15.6	38.8	2328	1,932	24.1

CONTINUOUS DRAW RATINGS *
40°F - 140°F

Coil Model	Pipe Size	180°F Boiler Water				200°F Boiler Water				212°F Boiler Water			
		GPM	GPH	MBTU/HR	Pressure Drop, psi	GPM	GPH	MBTU/HR	Pressure Drop, psi	GPM	GPH	MBTU/HR	Pressure Drop, psi
INA-210	1"	2.6	158	131	2.0	3.5	210	174	3.0	4.5	270	224	4.8
INA-300	1"	3.8	225	187	4.0	5.0	300	249	6.2	6.5	389	323	9.6
INA-360	1-1/4"	4.5	270	224	2.5	6.0	360	299	3.9	7.8	467	388	6.0
INA-450	1-1/4"	5.6	338	281	4.0	7.5	450	374	6.2	9.7	584	485	9.6
INA-600	1-1/2"	7.5	451	374	3.0	10.0	600	498	4.7	13.0	779	647	7.2
INA-750	1-1/2"	9.4	564	468	4.4	12.5	750	623	6.9	16.2	972	807	10.6
INA-900	2"	11.3	677	562	2.7	15.0	900	747	4.2	19.5	1168	969	6.5
INA-1125	2"	14.1	846	702	4.4	18.8	1125	934	6.9	24.3	1460	1,212	10.6
INA-1350	2"	16.9	1015	842	7.0	22.5	1350	1,121	10.9	29.2	1752	1,454	16.8
INA-1500	2"	18.8	1125	934	10.0	25.0	1500	1,245	15.6	32.4	1944	1,614	24.1

* Tankless coils may be used at these ratings if pumped circulation between coil and storage tank is employed.

Boiler Load for Tankless Heaters
If the boiler heats the coil only for domestic water, the boiler gross output required (at 40°F-140°F temperature rise) is 833 BTUH times the number of gallons heated in one hour.