



PeerlessBoilers.com



The versatility, reliability and simplicity of the Series 211A make it a viable alternative to forced draft boilers. **It's easier to install, easier to start up and easier to service**—all with fewer moving parts.

Series 211A

Commercial

Atmospheric Gas Boiler

- ❑ **Packaged, Assembled Block* or Individual Sections**
- ❑ **Natural Draft Venting**
- ❑ **630 to 9,450 MBH Input**
- ❑ **Steam or Hot Water Boilers**
- ❑ **Natural or LP Gas**

- ❑ **Boiler efficiencies** are compliant with federal and ASHRAE 90.1 requirements.
- ❑ Optional **Mod-U-Pak** unique three-stage firing system provides improved boiler response and fuel economy.
- ❑ Built-in **horizontal to vertical draft hood** and aluminized steel flue collector provide a low boiler profile to allow installation in areas with low head room.
- ❑ The unique **finned, tubular sections** are spaced evenly using spacing rings which allow the sections to maintain their as-cast skin, providing maximum corrosion resistance and longer life.
- ❑ The **Flow Port flexible seals** assure a **water-tight fit** while providing faster boiler assembly and allow the sections to expand and contract independently.
- ❑ The **exclusive access design**, from both ends, allows easy accessibility to the flueways for inspection and cleaning, without removing the entire jacket.
- ❑ **Optional tankless coils** can be used to assure adequate domestic hot water production on water boilers only.

SERIES 211A PACKAGED BOILER RATINGS

Series 211A								Water Content, gal		
Model Number	Input, MBH	Gross Output, MBH	Net I=B=R Ratings ³			Thermal Efficiency, %	Combustion Efficiency ⁴ , %	Boiler H.P.	Water Content, gal	
			Steam, sqft	Steam ² , MBH	Water ¹ , MBH				Water	Steam
211A-04	630	504	1575	378	438	76.9	80.0	15.1	44.12	31.64
211A-05	840	672	2100	504	584	77.4	80.0	20.1	55.15	39.55
211A-06	1050	840	2625	630	730	77.7	80.0	25.1	66.18	47.46
211A-07	1260	1008	3150	756	877	77.8	80.0	30.1	77.21	55.37
211A-08	1470	1176	3675	882	1023	77.9	80.0	35.1	88.24	63.28
211A-09	1680	1344	4229	1015	1169	78.0	80.0	40.1	99.27	71.19
211A-10	1890	1512	4808	1154	1315	78.1	80.0	45.2	110.3	79.10
211A-11	2100	1680	5392	1294	1461	78.2	80.0	50.2	121.33	87.01
211A-12	2310	1848	5971	1433	1607	78.2	80.0	55.2	132.36	94.92
211A-13	2520	2016	6521	1565	1753	77.7	80.0	60.2	143.39	102.83
211A-14	2730	2184	7067	1696	1899	77.8	80.0	65.2	154.42	110.74
211A-15	2940	2352	7608	1826	2045	77.9	80.0	70.3	165.45	118.65
211A-16	3150	2520	8154	1957	2191	77.9	80.0	75.3	176.48	126.56
211A-17	3360	2688	8696	2087	2337	78.0	80.0	80.3	187.51	134.47
211A-18	3570	2856	9238	2217	2483	78.0	80.0	85.3	198.54	142.38
211A-19	3780	3024	9783	2348	2630	78.1	80.0	90.3	209.57	150.29

1 Net I=B=R water ratings based on an allowance of 1.15.

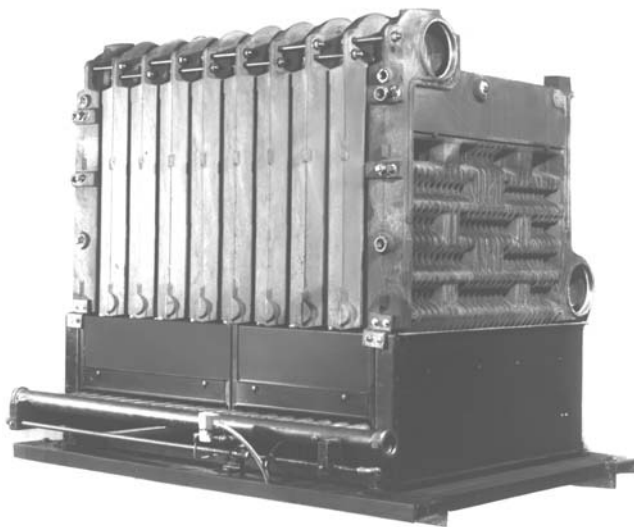
2 Net I=B=R steam ratings based on an allowance of: 04 to 08=1.333, 09(Nat)=1.324, 09(LP)=1.327, 10(Nat)=1.310, 10(LP)=1.312, 11(Nat)=1.298, 11(LP)=1.300, 12(Nat)=1.290, 12(LP)=1.291, 13 to 19=1.288.

3 Consult factory before selecting a boiler for installation having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

4 Combustion efficiency determined in accordance with ANSI Z21.13, Gas-Fired Low-Pressure Steam and Hot Water Boilers.

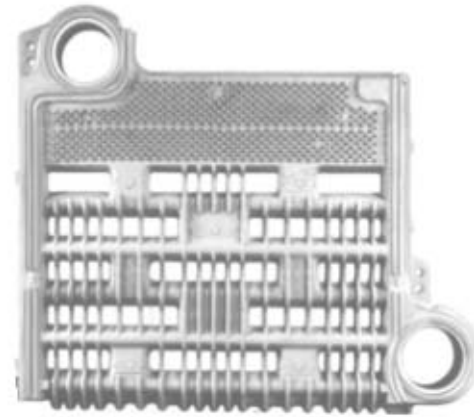
* Assembled blocks available to 19 sections only.

ASSEMBLED BLOCK WITH INSULATED BASE



Insulated Base: Modular insulated steel base insures the correct fit of the sections and simplifies handling and assembly.

INDIVIDUAL FINNED SECTIONS



Individual Finned Sections: the proven finned tubular design combines the best of cast iron and water tube boilers—superior strength without added weight and wide spacing in the flueways.

SERIES 211A ASSEMBLED BLOCK* OR INDIVIDUAL SECTION BOILER RATINGS

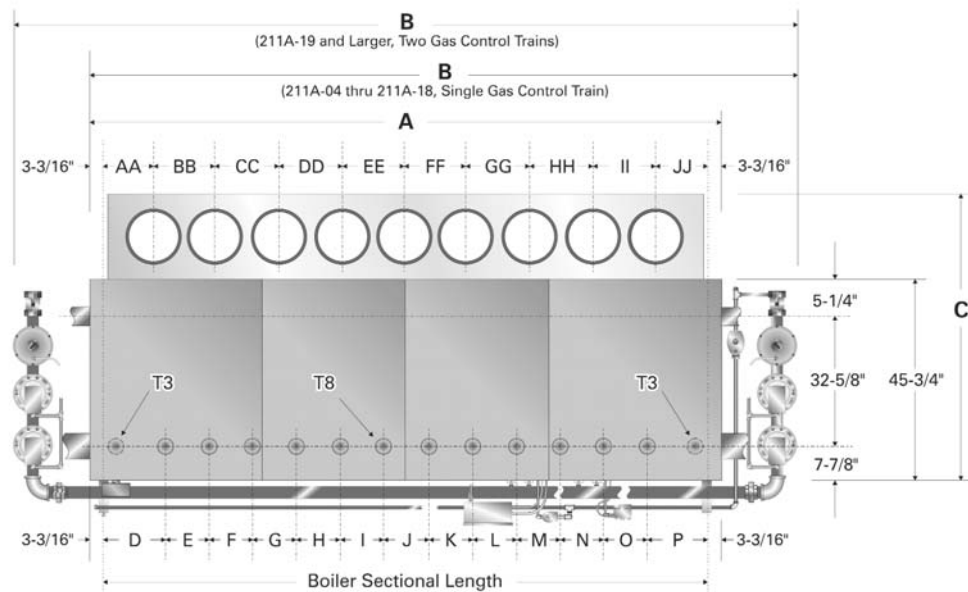
Boiler Model Number "S" or "W" ⁴	NATURAL GAS									LP GAS 2500 B.T.U.					
	Input MBH	Output MBH	Net I=B=R Ratings ³			Thermal Effy.	Comb. Effy.	Boiler H.P.	Gas Conn. Size (in.)	Input MBH	Output MBH	Net I=B=R Ratings ³			Gas Conn. Size (in.)
			Steam Sq. Ft.	Steam MBH ²	Water MBH ¹							Steam Sq. Ft.	Steam MBH ²	Water MBH ¹	
211A-04	630	504	1,575	378	438	76.9	80.0	15.1	1 1/4	615	492	1,538	369	428	1
211A-05	840	672	2,100	504	584	77.4	80.0	20.1	1 1/4	820	656	2,050	492	570	1
211A-06	1,050	840	2,625	630	730	77.7	80.0	25.1	1 1/4	1,025	820	2,563	615	713	1 1/4
211A-07	1,260	1,008	3,150	756	877	77.8	80.0	30.1	1 1/2	1,230	984	3,075	738	856	1 1/4
211A-08	1,470	1,176	3,675	882	1,023	77.9	80.0	35.1	1 1/2	1,435	1,148	3,588	861	998	1 1/4
211A-09	1,680	1,344	4,229	1,015	1,169	78.0	80.0	40.1	2	1,640	1,312	4,121	989	1,141	1 1/2
211A-10	1,890	1,512	4,808	1,154	1,315	78.1	80.0	45.2	2	1,845	1,476	4,688	1,125	1,283	1 1/2
211A-11	2,100	1,680	5,392	1,294	1,461	78.2	80.0	50.2	2	2,050	1,640	5,258	1,262	1,426	2
211A-12	2,310	1,848	5,971	1,433	1,607	78.2	80.0	55.2	2	2,255	1,804	5,821	1,397	1,569	2
211A-13	2,520	2,016	6,521	1,565	1,753	77.7	80.0	60.2	2	2,460	1,968	6,367	1,528	1,711	2
211A-14	2,730	2,184	7,067	1,696	1,899	77.8	80.0	65.2	2 1/2	2,665	2,132	6,896	1,655	1,854	2
211A-15	2,940	2,352	7,608	1,826	2,045	77.9	80.0	70.3	2 1/2	2,870	2,296	7,429	1,783	1,997	2
211A-16	3,150	2,520	8,154	1,957	2,191	77.9	80.0	75.3	2 1/2	3,075	2,460	7,958	1,910	2,139	2
211A-17	3,360	2,688	8,696	2,087	2,337	78.0	80.0	80.3	2 1/2	3,280	2,624	8,488	2,037	2,282	2
211A-18	3,570	2,856	9,238	2,217	2,483	78.0	80.0	85.3	2 1/2	3,485	2,788	9,021	2,165	2,424	2 1/2
211A-19	3,780	3,024	9,783	2,348	2,630	78.1	80.0	90.3	(2) 2	3,690	2,952	9,550	2,292	2,567	2 1/2
211A-20	3,990	3,192	10,325	2,478	2,776	78.1	80.0	95.4	(2) 2	3,895	3,116	10,079	2,419	2,710	(2) 2
211A-21	4,200	3,360	10,871	2,609	2,922	78.1	80.0	100.4	(2) 2	4,100	3,280	10,613	2,547	2,852	(2) 2
211A-22	4,410	3,528	11,413	2,739	3,068	78.2	80.0	105.4	(2) 2	4,305	3,444	11,142	2,674	2,995	(2) 2
211A-23	4,620	3,696	11,958	2,870	3,214	77.9	80.0	110.4	(2) 2	4,510	3,608	11,671	2,801	3,137	(2) 2
211A-24	4,830	3,864	12,500	3,000	3,360	77.9	80.0	115.4	(2) 2	4,715	3,772	12,204	2,929	3,280	(2) 2
211A-25	5,040	4,032	13,042	3,130	3,506	78.0	80.0	120.4	(2) 2	4,920	3,936	12,733	3,056	3,423	(2) 2
211A-26	5,250	4,200	13,588	3,261	3,652	78.0	80.0	125.5	(2) 2 1/2	5,125	4,100	13,263	3,183	3,565	(2) 2
211A-27	5,460	4,368	14,129	3,391	3,798	78.0	80.0	130.5	(2) 2 1/2	5,330	4,264	13,796	3,311	3,708	(2) 2
211A-28	5,670	4,536	14,675	3,522	3,944	78.1	80.0	135.5	(2) 2 1/2	5,535	4,428	14,325	3,438	3,850	(2) 2
211A-29	5,880	4,704	15,217	3,652	4,090	78.1	80.0	140.5	(2) 2 1/2	5,740	4,592	14,854	3,565	3,993	(2) 2
211A-30	6,090	4,872	15,763	3,783	4,237	78.1	80.0	145.5	(2) 2 1/2	5,945	4,756	15,388	3,693	4,136	(2) 2
211A-31	6,300	5,040	16,304	3,913	4,383	78.1	80.0	150.6	(2) 2 1/2	6,150	4,920	15,917	3,820	4,278	(2) 2
211A-32	6,510	5,208	16,846	4,043	4,529	78.1	80.0	155.6	(2) 2 1/2	6,355	5,084	16,446	3,947	4,421	(2) 2
211A-33	6,720	5,376	17,392	4,174	4,675	78.2	80.0	160.6	(2) 2 1/2	6,560	5,248	16,979	4,075	4,563	(2) 2
211A-34	6,930	5,544	17,933	4,304	4,821	78.2	80.0	165.6	(2) 2 1/2	6,765	5,412	17,508	4,202	4,706	(2) 2 1/2
211A-35	7,140	5,712	18,479	4,435	4,967	78.2	80.0	170.6	(2) 2 1/2	6,970	5,576	18,038	4,329	4,849	(2) 2 1/2
211A-36	7,350	5,880	19,021	4,565	5,113	78.2	80.0	175.7	(2) 2	7,175	5,740	18,571	4,457	4,991	(2) 2 1/2
211A-37	7,560	6,048	19,567	4,696	5,259	78.1	80.0	180.7	(2) 2	7,380	5,904	19,100	4,584	5,134	(2) 2 1/2
211A-38	7,770	6,216	20,108	4,826	5,405	78.1	80.0	185.7	(2) 2 1/2						
211A-39	7,980	6,384	20,654	4,957	5,551	78.1	80.0	190.7	(2) 2 1/2						
211A-40	8,190	6,552	21,196	5,087	5,697	78.1	80.0	195.7	(2) 2 1/2						
211A-41	8,400	6,720	21,738	5,217	5,843	78.1	80.0	200.8	(2) 2 1/2						
211A-42	8,610	6,888	22,283	5,348	5,990	78.1	80.0	205.8	(2) 2 1/2						
211A-43	8,820	7,056	22,825	5,478	6,136	78.1	80.0	210.8	(2) 2 1/2						
211A-44	9,030	7,224	23,371	5,609	6,282	78.2	80.0	215.8	(2) 2 1/2						
211A-45	9,240	7,392	23,913	5,739	6,428	78.2	80.0	220.8	(2) 2 1/2						
211A-46	9,450	7,560	24,458	5,870	6,574	78.2	80.0	225.8	(2) 2 1/2						

BOILER MODEL NUMBERS 211A-38 TO 211A-46

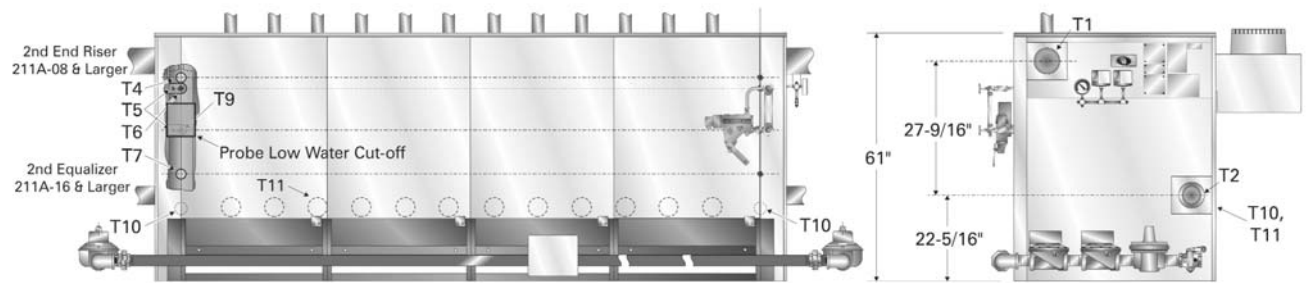
ARE CERTIFIED FOR NATURAL GAS ONLY.

CONTACT THE FACTORY.

¹ Net I=B=R water ratings based on an allowance of 1.15. ² Net I=B=R steam ratings based on an allowance of: 04 to 08=1.333, 09(Nat)=1.324, 09(LP)=1.327, 10(Nat)=1.310, 10(LP)=1.312, 11(Nat)=1.298, 11(LP)=1.300, 12(Nat)=1.290, 12(LP)=1.291, 13 to 46=1.288. ³ Consult factory before selecting a boiler for installation having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc. ⁴ Combustion efficiency for all models is 80.0% and is determined in accordance with ANSI Z21.13, Gas-Fired Low-Pressure Steam and Hot Water Boilers. * Assembled blocks available to 19 sections only.



- TAPPING SCHEDULE**
- T1** End Supply Riser Taps, 6" each End Section
 - T2** Return Taps, 6" Each End
 - T3** 3" Tap, Top, Each End Section
 - T4** 3/4" Tap, One Each End Section
 - T5** 1/2" Tap, Two Each End Section
 - T6** 1" Tap, One Each End Section
 - T7** 1" Tap, One Each End Section
 - T8** Intermediate Supply Riser Taps, 3", in Tapped Intermediates
 - T9** 3/4" Tap, One Each End Section, For Probe LWCO
 - T10** 1 1/2" Tap, Blowdown, Each End Section
 - T11** 3" Tap, Lower Rear, Tapped Intermediate Sections Only, Not Used



FRONT VIEW

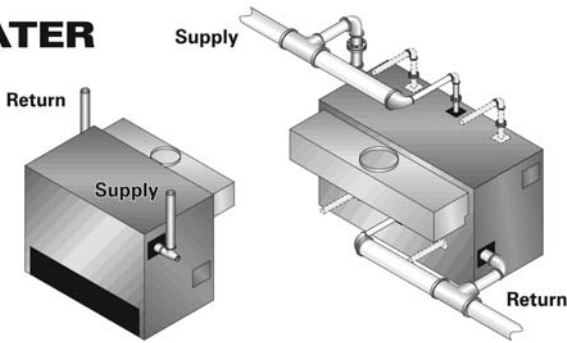
BOILER DIMENSIONS

Boiler Model Number	Dimensions Length & Width			Boiler Section Length	Intermediate Riser Center Lines 3" Tappings – Used in Addition to Two End Risers (STEAM ONLY) (Dimension are Approximate)														Flue Connection Center Lines										
	"A"	"B"	"C"		"D"	"E"	"F"	"G"	"H"	"I"	"J"	"K"	"L"	"M"	"N"	"O"	"P"	"AA"	"BB"	"CC"	"DD"	"EE"	"FF"	"GG"	"HH"	"II"	"FF"		
211A-04	28 1/8"	38 3/8"	63"	21 1/4"													10 7/8"										10 7/8"		
211A-05	33 3/4"	44"	63"	27 3/8"													13 3/4"										13 3/8"		
211A-06	39 3/8"	50 1/4"	65"	33"													16 1/2"										16 1/2"		
211A-07	45"	55 7/8"	63"	38 3/8"													10 7/8"	16 7/8"									10 7/8"		
211A-08	50 5/8"	61 3/4"	63"	44 1/4"													13 3/4"	19 5/8"									10 7/8"		
211A-09	56 1/4"	67 3/8"	63"	49 7/8"													13 3/4"	22 1/2"									13 3/8"		
211A-10	61 7/8"	73 1/4"	65"	55 1/2"													16 1/2"	25 3/8"									13 3/8"		
211A-11	67 1/2"	80 3/4"	65"	61 1/8"													16 1/2"	28 1/8"									16 1/2"		
211A-12	73 1/8"	86 3/8"	63"	66 3/4"													13 3/4"	22 1/2"	19 5/8"								10 7/8"		
211A-13	78 3/4"	91 1/2"	63"	72 3/8"													13 3/4"	22 1/2"	22 1/2"								13 3/8"		
211A-14	84 3/8"	97 1/8"	65"	78"													16 1/2"	25 3/8"	22 1/2"								13 3/8"		
211A-15	90"	102 3/4"	65"	83 5/8"													16 1/2"	25 3/8"	25 1/4"								16 1/2"		
211A-16	95 5/8"	108 3/8"	65"	89 1/4"													16 1/2"	28 1/8"	28 1/8"								16 1/2"		
211A-17	101 1/4"	114 1/4"	65"	94 7/8"													13 3/4"	22 1/2"	22 1/2"	22 1/2"							13 3/8"		
211A-18	106 7/8"	120 3/8"	65"	100 1/2"	53 1/8"											47 7/8"	16 1/2"	25 3/8"	22 1/2"	22 1/2"							13 3/8"		
211A-19	112 1/2"	139 1/8"	65"	106 1/8"	53 1/8"											53 1/8"	13 3/4"	25 3/8"	28 1/8"	25 1/4"							13 3/8"		
211A-20	118 1/8"	144 3/4"	65"	111 3/4"	58 1 1/8"											53 1/8"	16 1/2"	28 1/8"	28 1/8"	25 3/8"							13 3/8"		
211A-21	123 3/4"	150 3/8"	65"	117 3/8"	58 1 1/8"											58 1 1/8"	16 1/2"	28 1/8"	28 1/8"	28 1/8"							16 1/2"		
211A-22	129 3/8"	156"	65"	123"	41 13/16"	45"										36 3/16"	16 1/2"	25 3/8"	22 1/2"	22 1/2"	22 1/2"					13 3/8"			
211A-23	135"	161 1/8"	65"	128 5/8"	41 13/16"	45"										41 13/16"	16 1/2"	28 1/8"	25 3/8"	22 1/2"	22 1/2"					13 3/8"			
211A-24	140 5/8"	166 3/8"	65"	134 1/4"	47 7/8"	45"										41 13/16"	16 1/2"	28 1/8"	28 1/8"	25 3/8"	22 1/2"					13 3/8"			
211A-25	146 1/4"	172"	65"	139 7/8"	36 3/16"	33 3/4"	33 3/4"									36 3/16"	16 1/2"	28 1/8"	28 1/8"	28 1/8"	25 3/8"					13 3/8"			
211A-26	151 1/8"	177 3/8"	65"	145 1/2"	36 3/16"	33 3/4"	39 3/8"									36 3/16"	16 1/2"	28 1/8"	28 1/8"	28 1/8"	28 1/8"	28 1/8"				16 1/2"			
211A-27	157 1/2"	183 1/4"	65"	151 1/8"	36 3/16"	28 1/8"	28 1/8"	28 1/8"								30 9/16"	16 1/2"	28 1/8"	25 3/8"	22 1/2"	22 1/2"	22 1/2"				13 3/8"			
211A-28	163 1/8"	188 7/8"	65"	156 3/4"	24 15/16"	33 3/4"	33 3/4"	33 3/4"								30 9/16"	16 1/2"	28 1/8"	28 1/8"	25 3/8"	22 1/2"	22 1/2"				13 3/8"			
211A-29	168 3/4"	194 1/2"	65"	162 3/8"	24 15/16"	28 1/8"	28 1/8"	28 1/8"	28 1/8"							24 15/16"	16 1/2"	28 1/8"	28 1/8"	28 1/8"	25 3/8"	22 1/2"				13 3/8"			
211A-30	174 3/8"	200 1/8"	65"	168"	30 9/16"	28 1/8"	28 1/8"	28 1/8"	28 1/8"							24 15/16"	16 1/2"	28 1/8"	28 1/8"	28 1/8"	28 1/8"	25 3/8"				13 3/8"			
211A-31	180"	205 3/4"	65"	173 3/8"	30 9/16"	22 1/2"	22 1/2"	22 1/2"	22 1/2"	22 1/2"						30 9/16"	16 1/2"	28 1/8"	28 1/8"	28 1/8"	28 1/8"	28 1/8"				16 1/2"			
211A-32	185 5/8"	211 7/8"	65"	179 1/4"	30 9/16"	28 1/8"	22 1/2"	22 1/2"	22 1/2"	22 1/2"						30 9/16"	16 1/2"	28 1/8"	28 1/8"	25 3/8"	22 1/2"	22 1/2"	22 1/2"			13 3/8"			
211A-33	191 1/4"	217 1/2"	65"	184 7/8"	24 15/16"	22 1/2"	22 1/2"	22 1/2"	22 1/2"	22 1/2"	22 1/2"					24 15/16"	16 1/2"	28 1/8"	28 1/8"	28 1/8"	25 3/8"	22 1/2"	22 1/2"			13 3/8"			
211A-34	196 7/8"	223 3/8"	65"	190 1/2"	24 15/16"	22 1/2"	22 1/2"	22 1/2"	28 1/8"	22 1/2"	22 1/2"					24 15/16"	16 1/2"	28 1/8"	28 1/8"	28 1/8"	28 1/8"	25 3/8"	22 1/2"			13 3/8"			
211A-35	202 1/2"	229 1/2"	65"	196 1/8"	24 15/16"	22 1/2"	22 1/2"	28 1/8"	28 1/8"	22 1/2"	22 1/2"					24 15/16"	16 1/2"	28 1/8"	28 1/8"	28 1/8"	28 1/8"	28 1/8"	22 1/2"			13 3/8"			
211A-36	208 1/8"	262"	65"	201 3/4"	24 15/16"	22 1/2"	22 1/2"	22 1/2"	22 1/2"	22 1/2"	22 1/2"	22 1/2"				19 5/8"	16 1/2"	28 1/8"	28 1/8"	28 1/8"	28 1/8"	28 1/8"				16 1/2"			
211A-37	213 3/4"	268"	65"	207 3/8"	24 15/16"	22 1/2"	22 1/2"	22 1/2"	22 1/2"	22 1/2"	22 1/2"	22 1/2"				24 15/16"	16 1/2"	28 1/8"	28 1/8"	28 1/8"	25 3/8"	22 1/2"	22 1/2"	22 1/2"		13 3/8"			

BOILER MODEL NUMBERS
 211A-04-S TO 211A-17-S INCLUSIVE
 DO NOT INCORPORATE
 INTERMEDIATE TAPPED SECTIONS

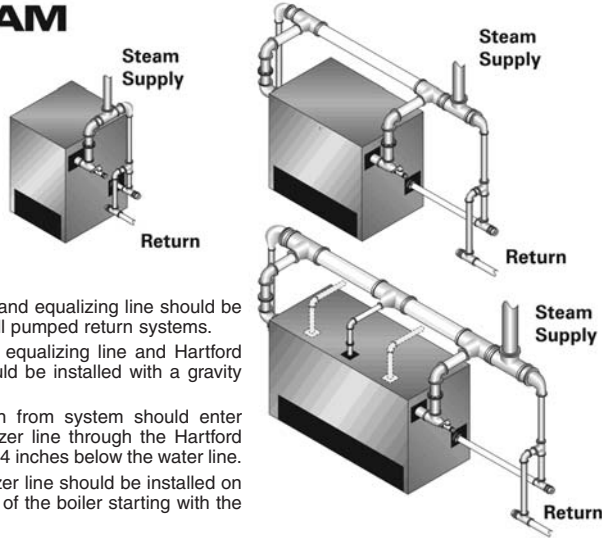
PIPING DIAGRAM

WATER



1—The supply and return connection should be sized to suit the system. Utilize all intermediate tapped sections. Refer to boiler tapings chart.

STEAM



- 1—A header and equalizing line should be used on all pumped return systems.
- 2—A header, equalizing line and Hartford Loop should be installed with a gravity system.
- 3—The return from system should enter the equalizer line through the Hartford Loop, 2 to 4 inches below the water line.
- 4—An equalizer line should be installed on both ends of the boiler starting with the 211A-16.

Boiler Model Number	STEAM ONLY		
	Header	Risers	Equalizer
211A-04	4"	1-4"	2½"
211A-05	5"	1-5"	2½"
211A-06	5"	1-5"	2½"
211A-07	5"	1-5"	2½"
211A-08	6"	2-4"	2½"
211A-09	6"	2-5"	2½"
211A-10	6"	2-5"	3"
211A-11	6"	2-5"	3"
211A-12	8"	2-5"	3"
211A-13	8"	2-5"	3"
211A-14	8"	2-5"	3"
211A-15	8"	2-6"	3"
211A-16	8"	2-6"	4"
211A-17	8"	2-6"	4"
211A-18	8"	2-6" 1-3"	4"
211A-19	8"	2-6" 1-3"	4"
211A-20	8"	2-6" 1-3"	4"
211A-21	8"	2-6" 1-3"	4"
211A-22	8"	2-6" 2-3"	4"
211A-23	8"	2-6" 2-3"	4"
211A-24	10"	2-6" 2-3"	4"
211A-25	10"	2-6" 3-3"	4"
211A-26	10"	2-6" 3-3"	4"
211A-27	10"	2-6" 4-3"	4"
211A-28	10"	2-6" 4-3"	5"
211A-29	10"	2-6" 5-3"	5"
211A-30	10"	2-6" 5-3"	5"
211A-31	10"	2-6" 6-3"	5"
211A-32	10"	2-6" 6-3"	5"
211A-33	10"	2-6" 7-3"	5"
211A-34	10"	2-6" 7-3"	5"
211A-35	10"	2-6" 7-3"	5"
211A-36	10"	2-6" 8-3"	5"
211A-37	10"	2-6" 8-3"	5"
211A-38	10"	2-6" 8-3"	5"
211A-39	10"	2-6" 9-3"	5"
211A-40	10"	2-6" 9-3"	5"
211A-41	10"	2-6" 10-3"	5"
211A-42	10"	2-6" 10-3"	5"
211A-43	10"	2-6" 11-3"	5"
211A-44	12"	2-6" 11-3"	5"
211A-45	12"	2-6" 12-3"	5"
211A-46	12"	2-6" 12-3"	5"

Boiler Model Number	Loc. of Inter. Tapped Sects. Counting from Left (Steam)	C/L of Inter. Tap. Sects. Meas. fr. Left Side of Blk. (Water) (Dimens. Approx.)	Loc. of Inter. Tapped Sects. Counting from Left (Water)
211A-04			
211A-05			
211A-06			
211A-07			
211A-08			
211A-09			
211A-10			
211A-11			
211A-12			
211A-13			
211A-14			
211A-15			
211A-16			
211A-17			
211A-18	10		
211A-19	10		
211A-20	11		
211A-21	11		
211A-22	8-16		
211A-23	8-16		
211A-24	9-17		
211A-25	7-13-19		
211A-26	7-13-20		
211A-27	7-12-17-22		
211A-28	5-11-17-23		
211A-29	5-10-15-20-25	53 ¹ / ₁₆ " 109 ⁷ / ₁₆ "	10-20
211A-30	6-11-16-21-26	58 ¹ / ₁₆ " 114 ¹⁹ / ₁₆ "	11-21
211A-31	6-10-14-18-22-26	53 ¹ / ₁₆ " 120 ⁹ / ₁₆ "	10-22
211A-32	6-11-15-19-23-27	58 ¹ / ₁₆ " 126 ³ / ₁₆ "	11-23
211A-33	5-9-13-17-21-25-29	69 ¹⁵ / ₁₆ " 137 ⁷ / ₁₆ "	13-25
211A-34	5-9-13-17-22-26-30	47 ⁷ / ₁₆ " 92 ⁷ / ₁₆ " 143 ¹ / ₁₆ "	9-17-26
211A-35	5-9-13-18-23-27-31	47 ⁷ / ₁₆ " 98 ¹ / ₁₆ " 148 ¹ / ₁₆ "	9-18-27
211A-36	5-9-13-17-21-25-29-33	69 ¹⁵ / ₁₆ " 114 ¹⁵ / ₁₆ " 159 ¹⁵ / ₁₆ "	13-21-29
211A-37	5-9-13-17-21-25-29-33	69 ¹⁵ / ₁₆ " 114 ¹⁵ / ₁₆ " 159 ¹⁵ / ₁₆ "	13-21-29

BOILER MODEL NUMBERS
211A-04-W TO 211A-28-W INCLUSIVE
DO NOT INCORPORATE
INTERMEDIATE TAPPED SECTIONS

TANKLESS WATER HEATER



Boiler Model No.	Heater No. X-1051 GPM	Heater No. X-1052 GPM	Two Heaters No. X-1051 GPM	Two Heaters No. X-1052 GPM
211A-04W	5.5	—		
211A-05W	6.0	8.0		
211A-06W	6.5	9.0		
211A-07W	7.0	10.0		
211A-08W	7.5	11.0		
211A-09W	8.0	12.0	16.0	—
211A-10W thru 211A-15W	8.0	13.0	16.0	26.0
211A-16W thru 211A-46W	8.0	13.0		

Only one water heater can be used on these models because of boiler length.

Only one water heater can be used on these models. Boiler sizes require piping greater than 2-3" taps.

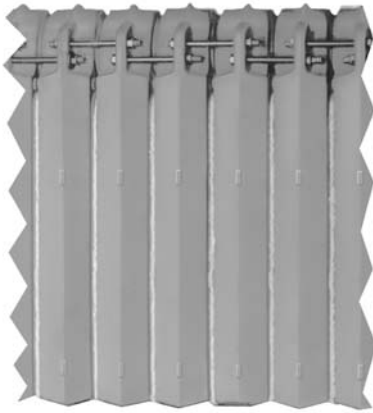
Water heater ratings are based on constant demand—40° F to 140° F rise with 200° boiler water.

CAUTION: Water mixing valve should always be installed in the hot water supply to prevent injury.

NOTE: In areas having hard water, water with high oxygen content or other unusual water condition, the use of Direct Hot Water Supply Boilers should be considered only with proper water treatment.

SERIES 211A BOILER

FEATURES, ADVANTAGES AND BENEFITS

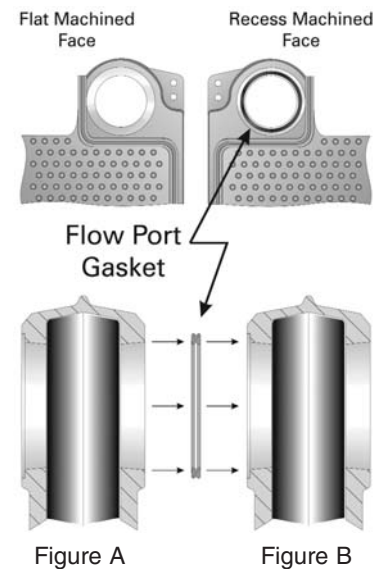


PRECISION GROUND SPACING RINGS

Water tube sections are evenly spaced using spacing rings to avoid long iron-to-iron contact. This allows the sections to retain their natural (as cast) skin and provides maximum corrosion resistance and longer life. Sections are designed to be pulled together, section-by-section (using individual draw-rods), as the boiler is assembled. Spaces between sections are sealed with a compressible, heat resistant rope, forming a permanent, gas tight joint and to allow for expansion and contraction of boiler.

FLOW PORT GASKET SEALING

The Series 211A boiler features a unique method for sealing sections. Each section's flow port has a machined recess (Fig. A) which holds the flow port gasket. The opposite side has a flat machined surface (Fig. B) which compresses the gasket when sections are drawn together with the individual short draw-rods. This assures a water-tight seal and permits faster boiler assembly.



ALUMINIZED STEEL FLUE COLLECTOR

This boiler is equipped with Aluminized Steel Flue Collectors and Horizontal-to-Vertical Draft Diverters for extra long life. This assembly maintains a predetermined height of the flue outlet regardless of boiler size. High chimneys and forced (or induced) draft are not required for efficient operation.

ACCESS DOORS AT BOTH ENDS OF BOILER

Inspection and cleaning of the flueways in a Series 211A boiler are more convenient since they can be accomplished from either end. Two (2) jacket sections (one at each end of the boiler) may be taken out without removing the jacket. This permits easy removal of jacket panels and provides access to the insulated, heavy steel doors mounted directly to the end sections.



