

4/5/6119, 4/5/6120, AND 4/5/6121 SERIES BURNERS

For Firing Atlas Generators and neutral pressure boilers.

Method for closing off gas ports in
Figure 4 is not identical to Figures 1, 2, and 3

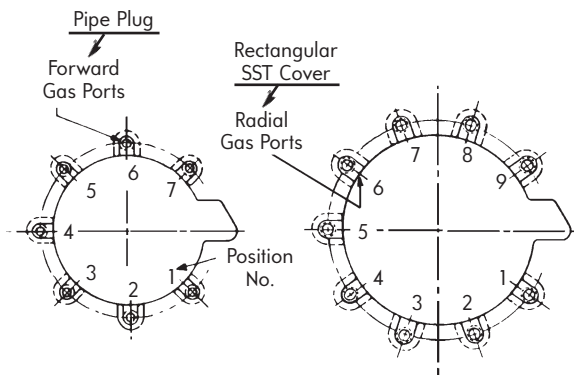


Figure 1.

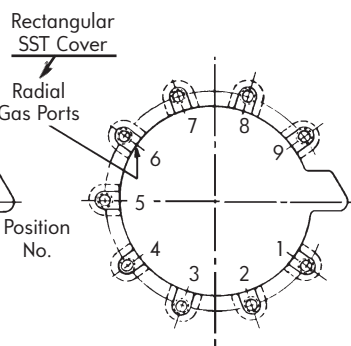


Figure 2.

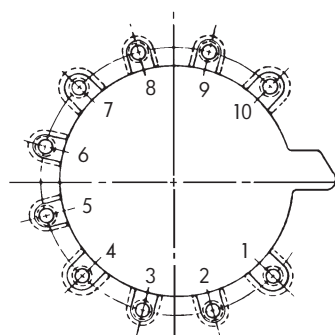


Figure 3.

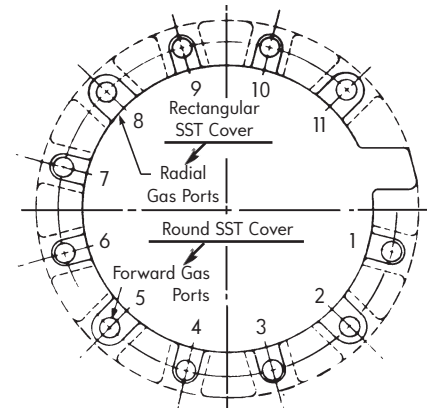


Figure 4.

Figure 1.

Atlas Boiler No.†	Atlas Burner No.	Gas Ports Closed Off	
		Forward Ports	Radial Ports
220	6119-0.8-9	All	None
230	6119-1.3-2	All	None
240	6119-1.7-10	All	None
250	6119-2.1-5	All	None
260	6119-2.5-11	All	None
270	6119-2.9-8	7	None
350	4119-2.1-12	All	None
360	4119-2.5-13	All	None
250	6120-2.1-A15	All	None
260	6120-2.5-A16	All	None
270	6120-2.9-A17	7	None
280	6120-3.4-B5	All	5,6
2100	6120-4.2-B3	All	6
2125	6120-5.2-B6	All	None
350	6120-2.1-A18	All	None
360	6120-2.5-A19	All	None
380	6120-3.4-B8	All	5,6
390	6120-3.8-B9	All	None
3100	6120-4.2-B10	All	None
3100X	6120-4.2-B11	None‡	None
3125	6120-5.2-B12	2 to 6 (inc.)	None
3125X	6120-5.2-B13	1 to 6 tubes §	2,4,5,6
280	6121-3.4-A27	All	5,6
2100	6121-4.2-A28	All	6
2125	6121-5.2-B29	2,4,6	2,4,6
2150	6121-6.3-B6	2,4,6	2,4,6
380	6121-3.4-A31	All	5,6
390	6121-3.8-A32	All	None
3100	6121-4.2-A33	All	None
3100X	6121-4.2-A34	All	None
3125	6121-5.2-B35	2,4,6	2,4,6
3125X	6121-5.2-B36	2,4,6	2,4,6
3150	6121-6.3-B9	2,4,6	2,4,6
3150X	6121-6.3-B14	1,2,3,7 tubes 4,5,6 plugs	None

Figure 2.

Atlas Boiler No.†	Atlas Burner No.	Gas Ports Closed Off		Tubes
		Forward Ports	Radial Ports	
2200	6121-8.4-C7	2,3,4,6,8,9	2,3	1,5,7
2250	6121-10.5-C5	2,3,4,6,8,9	2,3	1,5,7
2300	6121-12.6-C16	2,3,4,6,8,9	2,3	1,5,7
3200	6121-8.4-C11	2,3,4,6,8,9	2,3	1,5,7
3200X	6121-8.4-C71	2,3,7,8	2,3,5,7,8	plugs★ 1,4,5,6,9
3250	6121-10.5-C12	2,3,4,6,8,9	2,3	1,5,7

Figure 3.

Atlas Boiler No.†	Atlas Burner No.	Gas Ports Closed Off	
		Forward Ports	Radial Ports
2350	6121-14.7-D17	2,3	2,3
2400	6121-16.8-D18	2,3	2,3
3300	6121-12.6-D20	2,3	2,3
3350	6121-14.7-D21	2,3	2,3
3400	6121-16.8-D22	2,3	2,3

Figure 4.

Atlas Boiler No.†	Atlas Burner No.	Gas Ports Closed Off	
		Forward Ports	Radial Ports
2500	6121-21.0-E23	3,4	3,4
2600	6121-25.2-E24	3,4	3,4
2700	6121-29.4-FA68	3,4	3,4
3500	6121-21.0-E25	3,4	3,4
3600	6121-25.2-E26	3,4	3,4
3700	6121-29.4-FA67	3,4	3,4

† All boiler numbers with prefix 2 refer to any 2-pass boiler with neutral firebox pressure.

‡ Tubes assembled in all ports.

§ Bush holes 3/8" to 1/4" IPS and install R590-6125S tubes.

★ Orifice Plugs #11-13394-1.

CONTACT

fna.sales@fivesgroup.com
T +1 800 626 3477 - F +1 216 373 4237

Fives North American Combustion, Inc.
4455 East 71st Street - Cleveland, OH 44105 - USA
www.fivesgroup.com

