

North American 4/5/6131 Service Manual Gas Port Information Natural Gas and Light Oil

Sheet 6131SML-7-1

4/5/6131 SERIES BURNERS

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

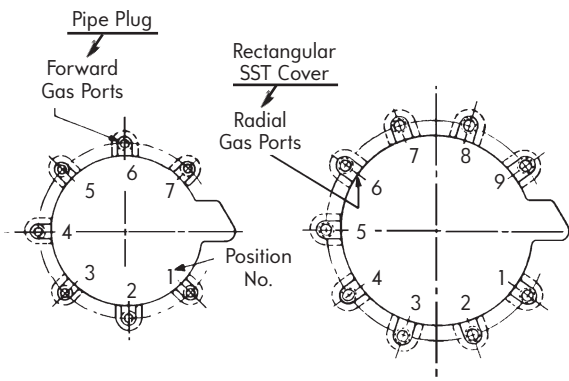


Figure 1.

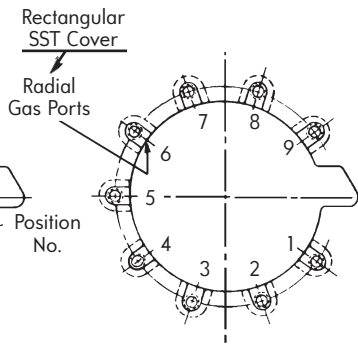


Figure 2.

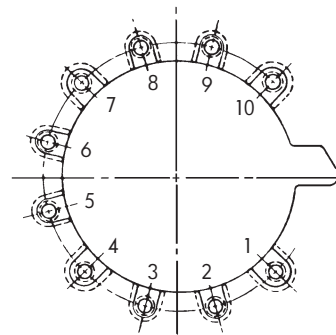


Figure 3.

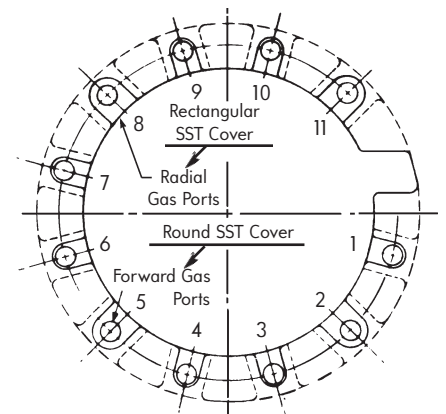


Figure 4.

Application Table

| Burner frame 4/5/6131 | Furnace pressure ★ | Figure | Porting Arrangement | |
|--------------------------|-----------------------|--------|-----------------------------------|---------------------|
| | | | Forward Ports closed | Radial Ports closed |
| A | P | 1 | All | None |
| A | N | 1 | All | 6 |
| B | N & P | 1 | 2, 4, 6 | 2, 4, 6 |
| C | N & P | 2 | 1, 5, 7 tubes 2, 3, 4, 6, 8, 9 | 2 & 3 |
| D | N & P | 3 | 2 & 3 | 2 & 3 |
| E, FA, FC (Gas) | P | 4 | 3 & 4 | 3 & 4 |
| E, FA, FC (#2 Oil) | N & P | | | |
| E, FA, FC (Gas) | N | | | |
| CS | P | 2 | 2, 3, 7, 8 | 2, 3, 5, 7, 8 |
| | | | 1, 4, 5, 6, 9 Orifice Plugs | |

★ Furnace Pressure — P = Positive, N = Neutral or Negative

WARNING: Situations dangerous to personnel and property may exist with the operation and maintenance of any combustion equipment. The presence of fuels, oxidants, hot and cold combustion products, hot surfaces, electrical power in control and ignition circuits, etc., are inherent with any combustion application. Components in combustion systems may exceed 160°F (71°C) surface temperatures and present hot surface contact hazard. Fives North American Combustion, Inc. suggests the use of combustion systems that are in compliance with all Safety Codes, Standards, Regulations and Directives; and care in operation.