

# Burner Adjustments | 4472 ATP™ Burner

## BURNER ADJUSTMENTS

1. The flame length adjusters are located on the side of the gas inlet connection. Initially set both the short (S) and the long (L) flame adjustment screws equally open. (Fully close both adjusters by turning them clockwise, then open 2 turns.)
2. Establish pilot flame. See Sheet 4014 for instructions.
3. Establish main flame. If main flame cannot be established, open (S) and (L) flame adjustment screws equally until a flame is established.
4. With an established flame, drive the system to high fire. Set air/fuel ratio. Using the (S) and (L) flame adjustment screws, make the desired flame length adjustments. If high fire gas flow cannot be reached, open the (S) and (L) flame length adjustment screws equally until the proper gas flow is obtained. Correct air/fuel ratio as required.
5. Drive the system to low fire. Set air/fuel ratio. If used, adjust jet gas valve to improve the low fire flame definition.
6. Drive the system to high fire and verify flame length and air/fuel ratio.

**To order, specify:** 4472-(code for pipe size)-(A, if applicable)/(TX00 model) Burner Complete (specify Arrangement Designators-- see Dimensions & Installation 4472).

**Examples:** 4472-10-A/T600 10" Burner Complete, 600-900°F, with arrangement 3a1  
4472-12/T100 12" Burner Complete, 60-300°F, with arrangement 1c3

**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.

### 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](http://www.fivesgroup.com)



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