

Ordering Information | 4465 Burner

CONSTRUCTION and PIPING

The body and backplate are nickel-plated heat-resistant cast iron, and the gas tube and stabilizer are stainless steel. The burner tile can be replaced in the field without mortar or cement. The igniter and flame rod (when supplied) are "straight-through" igniter type and do not have to be indexed. They can also be replaced in the field without disassembling the burner--provided proper alignment of the mounting holes in the backplate and the access holes in the stabilizer is maintained.

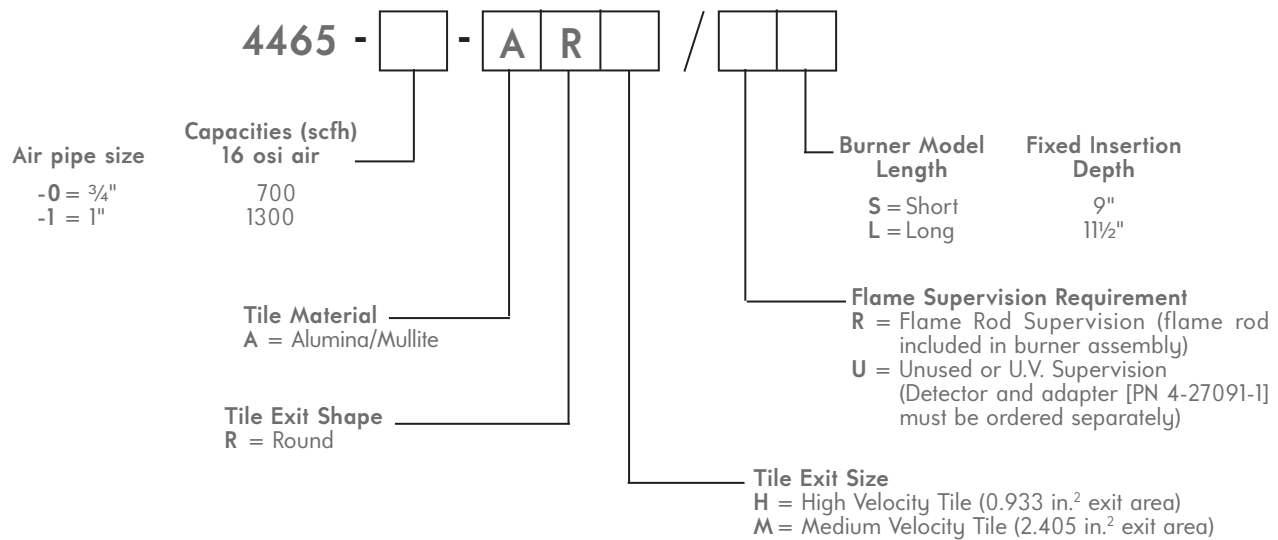
The 4465 body can be positioned in any orientation so that the air connection can be piped as desired. The backplate, with the gas inlet connection, can also be rotated independently in 90° increments with respect to the air inlet.

ROUND TILE EXIT AREA

"H" = high velocity (0.933 sq. in. exit area) —for high penetration and maximum "drive" in widekilns and furnaces.

"M" = medium velocity (2.405 sq. in. exit area) —for medium penetration with effective entrainment in narrow kilns and furnaces.

ORDERING INFORMATION



Examples:

- A. 4465-1-ARM/RL = 1" 4465 Gas Burner complete with an Alumina/Mullite Round Medium Velocity Tile, with a Flame Rod and a Fixed Insertion Depth of 11½".
- B. 4465-0-ARH/US = 3/4" 4465 Gas Burner complete with an Alumina/Mullite Round High Velocity Tile, and a Fixed Insertion Depth of 9".

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

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