

TUBE BURNERS SERIES

The Robertshaw® Tube Burner Series are atmospheric burners designed for a wide range of cooking, heating and drying applications. Whether it is a burner selected from the extensive existing product line or one custom designed to meet unique needs, Robertshaw burners offer OEM manufacturers the flexibility they need.

All atmospheric gas tube burners are made of aluminized steel tubing and use traditional porting to assure dependable, even heat distribution and long service life.

Features and Benefits

- Numerous types: straight, angle, “U”, and “T” burners
- Reliable ignition
- Clean burning blue flame
- High efficiency
- Mounting simplicity
- Lightweight

Applications

- Cooking Appliances – ranges, fryers, griddles, pizza ovens, bake ovens, convection ovens or hot tops
- Comfort Heating – commercial and residential furnaces, decorative fireplaces, space heaters or mobile homes
- Drying Ovens – curing and baking
- Laundry Equipment – dryers

Specifications

- Available in multiple diameters
- Used with natural, LP, mixed or manufactured gases
- The location of the burner porting is variable and can be supplied in one to seven row configurations of incrementally positioned ports
- Various output options available depending on application and design

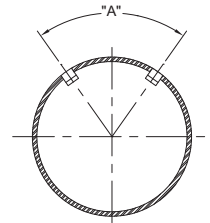


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Porting Alignment Features

"A" DIMENSIONS AVAILABLE

1" Burners (25,40mm)	47°	92°	112.5°	137°	180°	360°	and	30°	increments
1.25" Burners (31,5mm)	36°	60°	90°	120°	180°	360°	and	23.5°	increments
3/4" Burners (19,05mm)	-	-	-	144°	-	-	-	-	-
1.5" Burners (38,1mm)	Double Lanced Parts								



Orifice Hood Features

DIAMETERS AVAILABLE

1" Burners (25,40mm)	0.455" (standard) (11,56mm)	0.250" (6,35mm)	0.375" (9,53mm)	0.406" (9,53mm)	0.500" (12,70mm)	0.580" (14,73mm)	0.609" (15,47mm)
1.25" Burners (31,75mm)	0.578" (standard) (14,68mm)	to	0.325" (maximum) (8,26mm)				
1.5" Burners (38,1mm)	0.578" (standard) (14,68mm)	to	0.325" (maximum) (8,26mm)				
3/4" Burners (19,05mm)	0.578" (standard) (14,68mm)	to	0.325" (maximum) (8,26mm)				

Venturi Lengths

3/4" Burners (19,05mm)	3.40" (86,36mm)
1" Burners (25,40mm)	5.25" (133,35mm), 4.00" (101,60mm), 3.063" (77,8002)
1.25" Burners (31,75mm)	5.50" (139,70mm)
1.5" Burners (38,1mm)	6.00" (152,40mm)



OPTIONS

- Mounting tabs and brackets are available
- Special mounting components available to meet OEM specifications for easy mounting
- Carryover ports available to meet customer's specifications
- End closures available for various custom applications

