

## Burners



Invensys Appliance Controls can provide atmospheric gas burners for a wide range of cooking, heating, and drying applications. Whether it is a burner selected from our extensive existing product line, or one custom designed to meet particular needs, our burners offer OEM manufacturers the flexibility they demand.

All of our atmospheric gas burners are made of aluminized steel tubing and use traditional Invensys Appliance Controls porting to insure dependable, even heat distribution and long service life.

### Design Features

- Available as straight, angle, and “T” burners
- Good ignition
- Clean burning blue flame
- High efficiency
- Mounting simplicity
- Light weight

### Applications

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

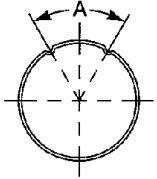
### Specifications

- Supplied in either 1.00” or 1.25” diameters
- Used with natural, LP, mixed or manufactured gases
- The location of the burner porting is variable and can be supplied, depending on your output needs, in one-to-seven row configurations of incrementally positioned ports
- Oven burners have capabilities of various outputs depending on application and design
- The steel grade for both burners is AISI #C1008

## Design Specifications

Invensys Appliance Controls extensive family of atmospheric gas burners offer great versatility. In addition, Invensys Appliance Controls can custom design burners to fit your particular application.


- Porting Alignment Features

	"A" Dimensions Available							
	1" Burners	47°	92°	112.5°	137°	180°	360°	and 30° increments
1.25" Burners	36°	60°	90°	120°	180°	360°	and 23.5° increments	

- Orifice Hood Features

Diameters Available							
1" Burners	0.455 (std.)	0.250	0.375	0.406	0.500	0.580	0.609
1.25" Burners	0.578 (std.) to 0.625 (max.)						

- Venturi Lengths

	1" Burners	5.25"
	1.25" Burners	5.50"

## Options

- Mounting tabs and brackets are available or special mounting components can be provided to meet your specifications to insure easy mounting.
- Carryover ports added to meet customer's specifications.

- End Closures Variations of end closures available for custom applications.

