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## Dudley's "Garage Burner"

It is a Beauty. Very efficient and a great steady burn. Works with all gasses.  
 Does not need forced air. Use with venturi #V150, V125, or V100.

Orifices with Gas Chart:

High Pressure <b>Propane</b>	Use #60 orifice	5 psi	Use needle valve
Low Pressure <b>Propane</b>	Use #48 orifice	11" w.c.	Use Gas Cock
Low Pressure <b>Natural Gas</b>	Use #35 orifice	7" w.c.	Use Gas Cock

All Gasses: this burner burns steady from 5,000 Btu's to 41,000 Btu's

### Joppa Garage Burner Kits Buy Parts Separately or as Kit

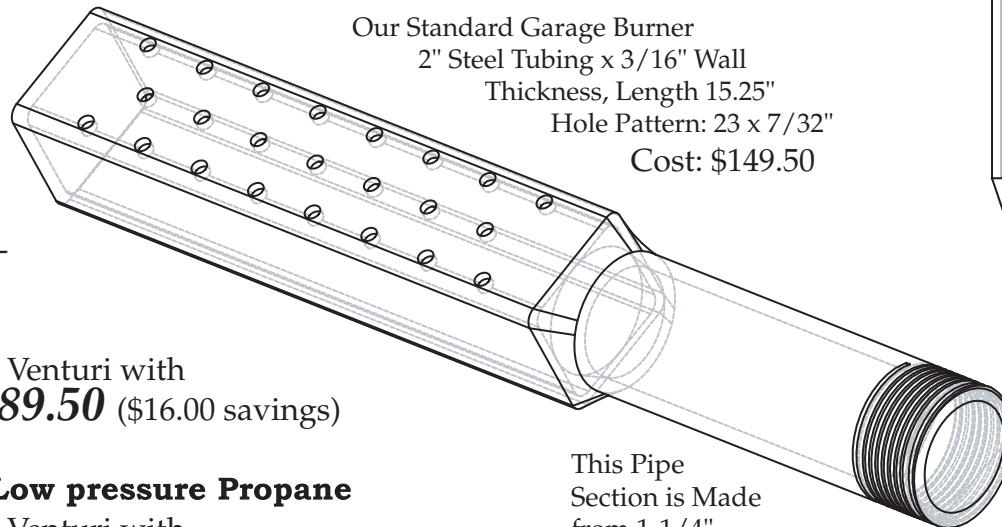
Purchase the head only for **\$149.50**  
 Or purchase the complete venturi package-

#### For High Pressure Propane

Includes: Garage Burner head, V125 Venturi with  
 needle valve and 0-30 psi gauge **\$289.50** (\$16.00 savings)

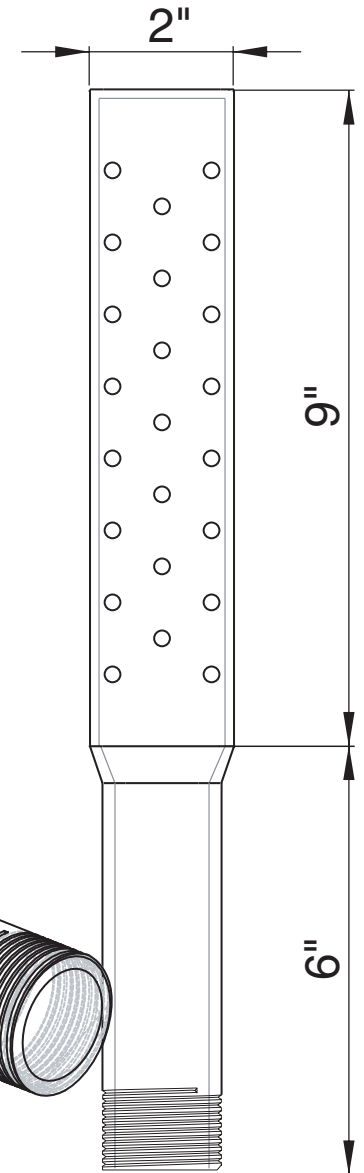
#### For Low pressure Natural Gas or Low pressure Propane

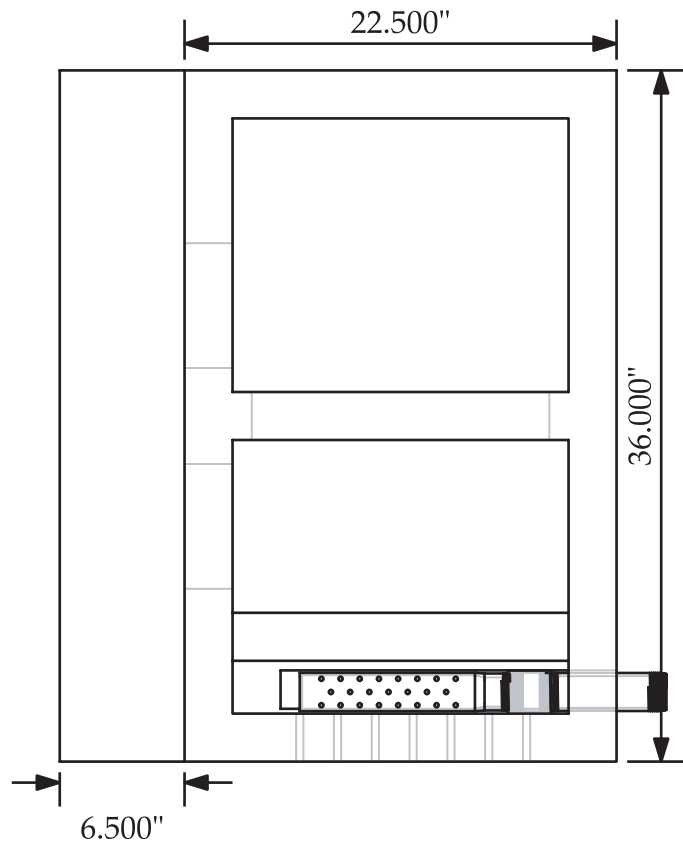
Includes: Garage Burner head, V125 Venturi with  
 gas cock. **\$275.00** (\$13.50 savings)



Our Standard Garage Burner  
 2" Steel Tubing x 3/16" Wall  
 Thickness, Length 15.25"  
 Hole Pattern: 23 x 7/32"  
 Cost: \$149.50

This Pipe  
 Section is Made  
 from 1-1/4"  
 Schedule 40 Steel Pipe  
 with 1-1/4" NPT,  
 6" long.





This is the body of a garage. The exterior of the shape measures 36" x 22.5" in the top view with a 6.5" shelf. the walls are 2.5" thick made of IFB. These dimensions were taken from a functional garage built by Charles Correll. His did not have a baffle structure in the center of the garage. He felt the design, as he built it, worked fine but the heat loss was great which is something to consider with the price of fuel today.

Many of these garages are used with the doors wide open. It reminds me of my early glassblowing days when we did not use doors on the furnaces (and did not have glories) but simply un-bricked the furnace when working. The heat loss was phenomenal. Today this is not an option, so some controls would be recommended to make this unit more functional at less cost. The unit functions with a hot side near the burner and a cold side for long term storage of parts in the opposite chamber. I would recommend using a door and some baffling.

This particular garage is shown being fired using the Giberson Garage Burner featured on the next page, and is shown with the burner head contained within a burner trough which is air cooled. A flue off the cooler side would make this function even better. And of course some temperature control, even as rude as a manual analog pyrometer, would be advisable.

