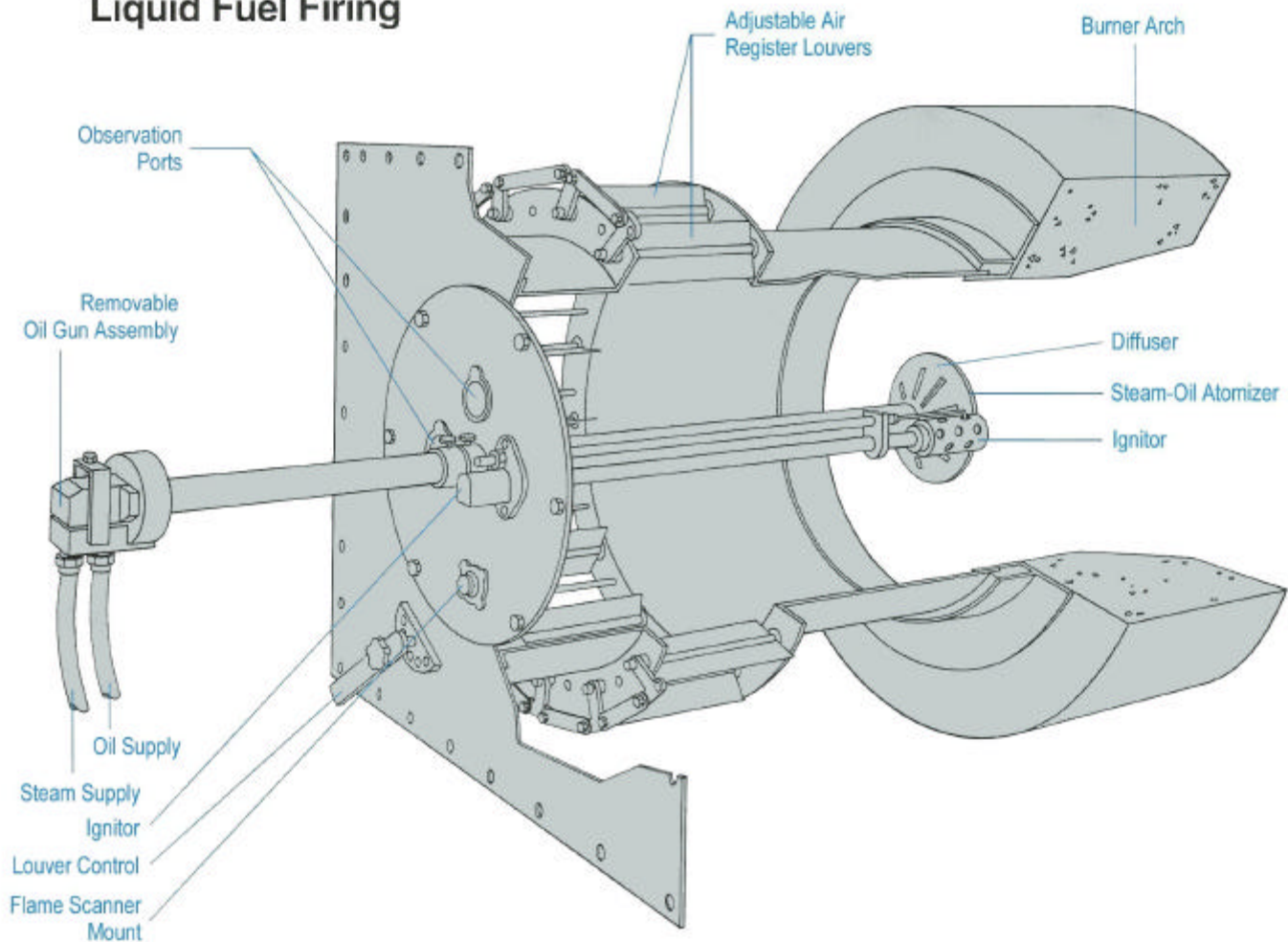


# KE Keystone Energy Burners

## Liquid Fuel Firing



### Description

Keystone Energy's Liquid Fuel Burner is designed for maximum efficiency while burning a variety of liquid fuels including all grades of fuel oil as well as alcohols, pitch, etc. An internal mix design atomizer utilizes the complete energy momentum of the atomizing steam (or air) to produce a fine mist for complete combustion. Adjustable air register louvers can be set to introduce combustion air without spin or with spin in either direction for the best flame configuration and for lowest emission.

Please refer to proposal data or request operational information for a specific fuel or application.

### General Design Data

Model Shown:	SAOH
Sizes Available:	21" through 48" (533-1220mm)
Heat Input:	To 516 Million Btu/Hr (1716MW)
Turndown:	6 to 1
Minimum Burner Pressure:	100 psig (6.90 Barg) Fuel 125 psig (8.62 Barg) Atom. media
Excess Air:	15%
Fuel Types:	Fuel Oils and Waste Liquids
Atomizing Medium:	Saturated steam or dry air
Fuel Heating Values:	15,000 Btu/lb. and up (34,850 KJ/kg)

Keystone Energy is the OEM equipment and service supplier for the following Heat Recovery Steam Generators, Industrial Boilers, Stokers and Burners:  
 Erie City Iron Works  
 Zum Industries, Inc., The Energy Division  
 Aalborg Industries, Inc., Land Based Boilers  
 Erie Power Technologies, Inc.



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