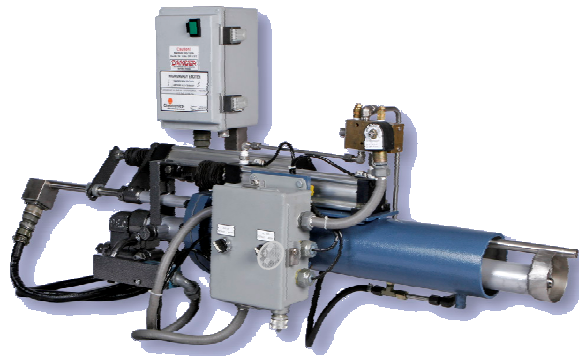


# DATASHEET



## OE-HE™ Oil Electric-High Energy Ignitor



### Key Features

- Built-In Diffuser
- High capacity
- HE Ignitor
- Solid-State HE Exciter
- HE Rod and Oil Unit Retraction
- Optional Gas Gun
- Air Seal

### Benefits

- Stable Flame/Reliable Operation/Increase Turndown
- Lights Off Wide Range of Main Fuels, Increases Turndown
- Self-Cleaning, High-Humidity Operation
- Low Maintenance/High Reliability
- Longer Life, More Reliable Operation
- Fuel Flexibility
- Allows for Removal of Oil Unit while Boiler is on-line; holds back furnace gases

### Typical Standard Supply

- Air-Atomized Oil Unit w/Retraction
- High Energy Rod w/Retraction
- Solid-State HE Exciter
- Local Control Panel
- Fuel & Atomizer Valve Trains

### Applications

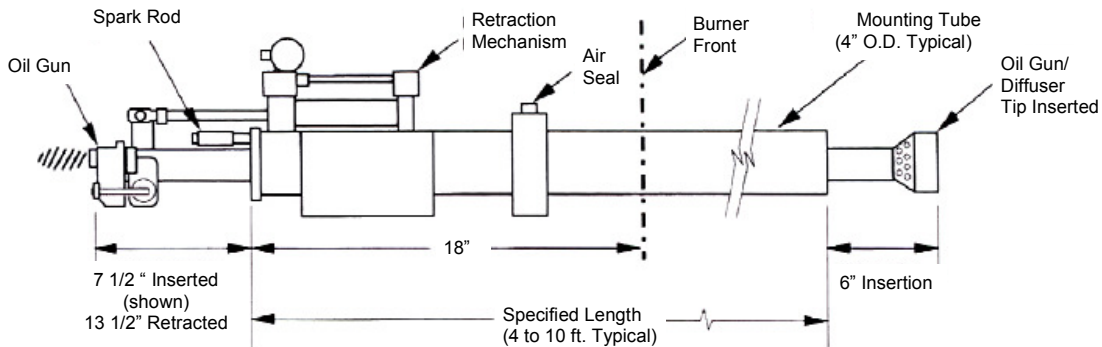
- Packaged Boilers
- Wall-Fired, Multi-Burner Boilers
- Recovery Boilers
- Kilns

### Hamworthy Peabody Combustion services Related to this Product

- Flow and CFD Modeling
- Installation
- Startup Service
- Operator Training
- Preventive Maintenance

### Optional Equipment

- Gas Gun
- Flame Scanner
- Flexible Oil or Gas Gun
- Fuel & Atomizing Valve Trains



## OE-HE Ignitor/Pilot

### SPECIFICATIONS

Ignitor Fuels:	Light or Heavy Fuel Oils, Optional Gas (NG, Propane, COG)
Firing Rate:	3-30 MM BTU/HR (Contact for capacities up to 100 MM BTU/HR)
Oil Pressure:	60 psig (Typical)
Atomizing Media:	Air or Steam
Atomizing Pressure:	80 psig (Typical)
Main Fuels to be Ignited:	All Liquid & Gaseous Fuels, Pulverized Coal, Wood Dust, etc.
Electrical Requirements:	110 VAC/50-60 cycles/1 phase
Retraction Air Pressure:	60-80 psig
Air Seal Requirements:	75 SCFM at 25 psig

For further information on combustion equipment, please contact:

**Hamworthy Peabody Combustion, Inc.**  
 70 Shelton Technology Center  
 Shelton, CT 06484  
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 Fax: 203-922-9413  
 Email: [sales@hamworthy-peabody.com](mailto:sales@hamworthy-peabody.com)  
 Website: <http://www.hamworthy-peabody.com>

