

# Model EH

EH, EHA & EHASR OIL BURNERS



## EH features:

Flamelock® assures positive flame stability, resulting in a clean, uniform high temperature flame. High static pressure for better air/oil mixture. Clean, smooth ignition and sharp, positive, no-drip shutoff prevents carbon soot from forming. Nozzle operating temperatures remain low. Economy results from high CO<sub>2</sub> readings, providing a high combustion efficiency that saves fuel.

- Lower emissions
- Improved efficiencies
- Pulsation free
- Positive retention
- Controlled flame pattern
- Quiet stops and starts
- Low nozzle temperatures
- High static pressure overcomes adverse draft conditions



# Specifications

## EH, EHA & EHASR OIL BURNERS

### EH OIL BURNER

Capacity	3.00 G.P.H. thru 6.00 G.P.H., No. 1 or No. 2 fuel oil.
Fuel Pump	Standard 3450 R.P.M. fuel pump – easy to service. One or two stage.
Controls	Standard with cad cell and relay installed.
Ignition	10,000 V. constant duty transformer. TV-Radio interference proof. Positive make or break contact with electrodes. Swing-away design swings open for easy access to gun assembly.
Motor	NEMA Standard, Split Phase 3450 R.P.M. 115 V, 60 HZ, 1/4 H.P.
Fan Housing	One piece, die cast fan housing. High strength aluminum alloy maintains lifetime alignment of moving parts. No vibration. Less wear. Insures whisper-quiet operation.
Mounting	Adjustable flange is standard on our 300 Series conversion units; pedestal mount available.
Nozzle Adapter	Patented no drip brass adapter insures sharp quick oil cutoff when fuel pump shuts off, bleeds air from line, prevents afterdrip, eliminating smoke, soot and carbon formation.
Air Adjustment	Patented dual air adjusting bands interlock for positive air adjustment.
Air Tube	Heavy duty 13 gauge seamless material.
Air Cone	Heavy duty cast iron construction, easily changed for different inputs.
Serviceable	Easy access to all parts permits quick inspection and cleaning. Entire burner is disassembled in a few seconds without the need of special tools.
50 HZ burners available	Maximum firing rate reduced to 5.00 G.P.H. at 50 HZ operation.
Shipping Weight	Approximately 42 lbs.

### STANDARD MODEL EH HOUSING PACKAGES

All units contain 15 sec. safety timing primary control, oil valve and CAD cell.

#### Single Stage Fuel Units

Part No.	Tube Length
300-201	6"
300-203	9"
300-205	12"
300-207	15"

#### Two Stage Fuel Units

Part No.	Tube Length
300-202	6"
300-204	9"
300-206	12"
300-208	15"

### EHASR OIL BURNER

Capacity	0.75 thru 3.00 G.P.H. kerosene, No. 1 or No. 2 fuel oil.
Fuel Pump	Standard 3450 R.P.M. fuel pump – easy to service. One or two stage.
Motor	NEMA standard, split phase, 3450 R.P.M., 1/5 H.P.
Ignition	10,000 V. constant duty transformer. TV-Radio interference proof. Positive make or break contact with electrodes. Swing-away design swings open for easy access to gun assembly.
Controls	Optional with cad cell and relay installed.
Nozzle Adapter	Patented no drip brass adapter insures sharp oil cutoff when fuel pump shuts off. Bleeds air from line, prevents afterdrip, eliminating smoke, soot and carbon formation.
Fan Housing	One piece, die cast fan housing. High-strength aluminum alloy maintains lifetime alignment of moving parts. No vibration. Less wear. Insures whisper-quiet operation.
Mounting	Rigid flange, adjustable flange or pedestal mount available.
Air Adjustment	Patented dual air adjusting bands interlock for positive air adjustment.
Air tube	Heavy duty 13 gauge seamless steel tube material available in 3 5/8" to 23" lengths.
Flame Retention Head	High temperature stainless steel for longer life.
Shipping Weight	Approximately 38 lbs.