



MODEL EH HIGH SPEED FLAMELOCK® OIL BURNER

3450 R.P.M.

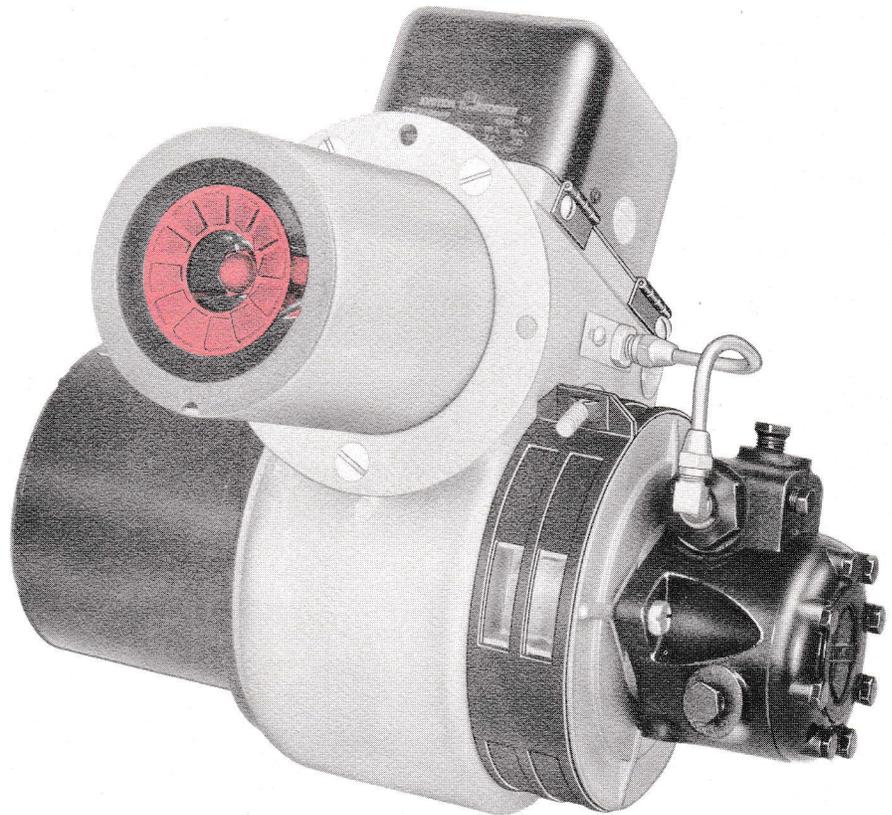
OPERATION

2.00 — 6.00

GPH CAPACITY

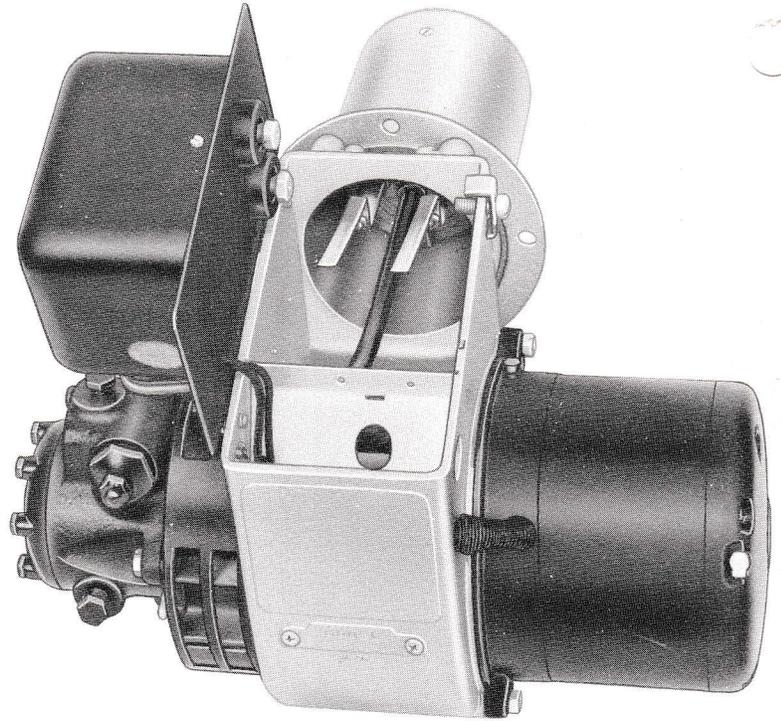


Flamelock® assures positive flame stability. Yields a clean, uniform hot flame. High air velocity for better air / oil mixture. Clean, smooth starting of flame and sharp, positive, no-drip shutoff prevents carbon soot forming. Nozzle operating temperatures remain low. Economy results from high CO₂ readings, proving a high combustion efficiency that saves fuel.

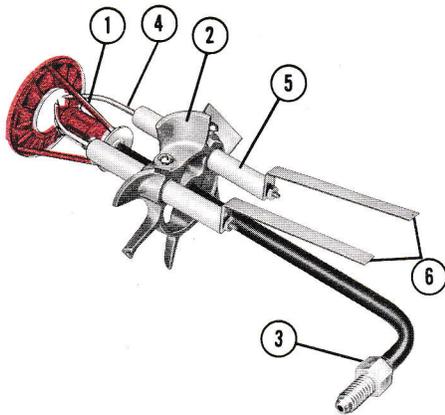


MODEL EH SPECIFICATIONS

- ★ **CAPACITY** 2.00 G.P.H. — 6.00 G.P.H. Kerosene, No. 1 or No. 2 fuel oil
- ★ **FUEL PUMP:** Standard 3450 R.P.M. fuel pump — serviceable anywhere. One or two stage.
- ★ **CONTROLS:** Standard with cadmium sulphide 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., ¼ 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:** Rigid flange, adjustable flange or base mount.
- ★ **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.
- ★ **AIR ADJUSTMENT:** Patented multiple air adjusting bands interlock for positive air adjustment.
- ★ **AIR TUBE:** Heavy duty 13 gauge seamless steel tube material available in 3" to 23" lengths.
- ★ **AIR CONE:** Heavy duty cast iron construction, easily changed for different inputs.
- ★ **FINISH:** Optional.
- ★ **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 Hertz Burners** available.

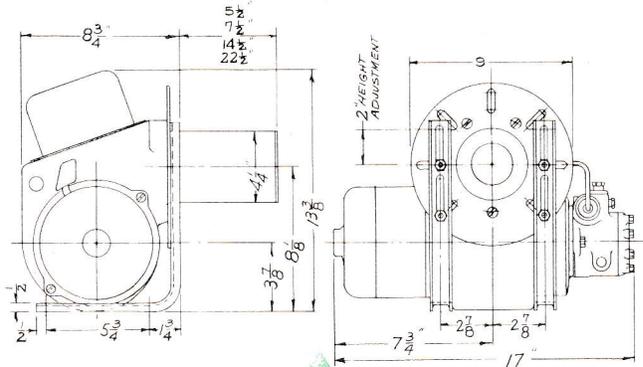


GUN ASSEMBLY DETAIL



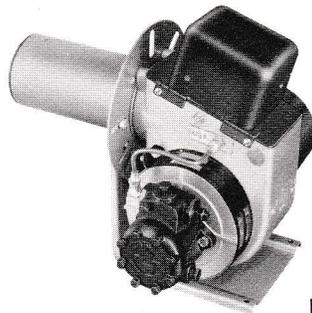
1. Patented no-drip Flamelock® assembly.
2. Stabilizer casting and electrode support.
3. Oil-tight fittings.
4. Stainless steel ignition points.
5. Porcelain insulators.
6. Brass electrode springs. (Automatic makes and breaks.)

The EH model with capacities of 2.0 to 6.0 gallons per hour answers the needs for many of today's applications, efficiently providing maximum heat delivery of 840,000 B.T.U./Hr.



AVAILABLE AS CONVERSION BURNER WITH BASE OR ADJUSTABLE FLANGE

Conversion model is packaged as Rating No. P-1. Sturdy channel steel base is adjustable for height. Other air cones available for P-2 and P-3 rates.



CONVERSION BURNER RATINGS & SPECIFICATIONS

Rating No.	Rating Gal. Per Hr.	B.T.U./Hr. Input
P-1	2.00-3.50	280,000 to 490,000
P-2	3.50-6.00	490,000 to 840,000
P-3	5.00-6.00	700,000 to 840,000