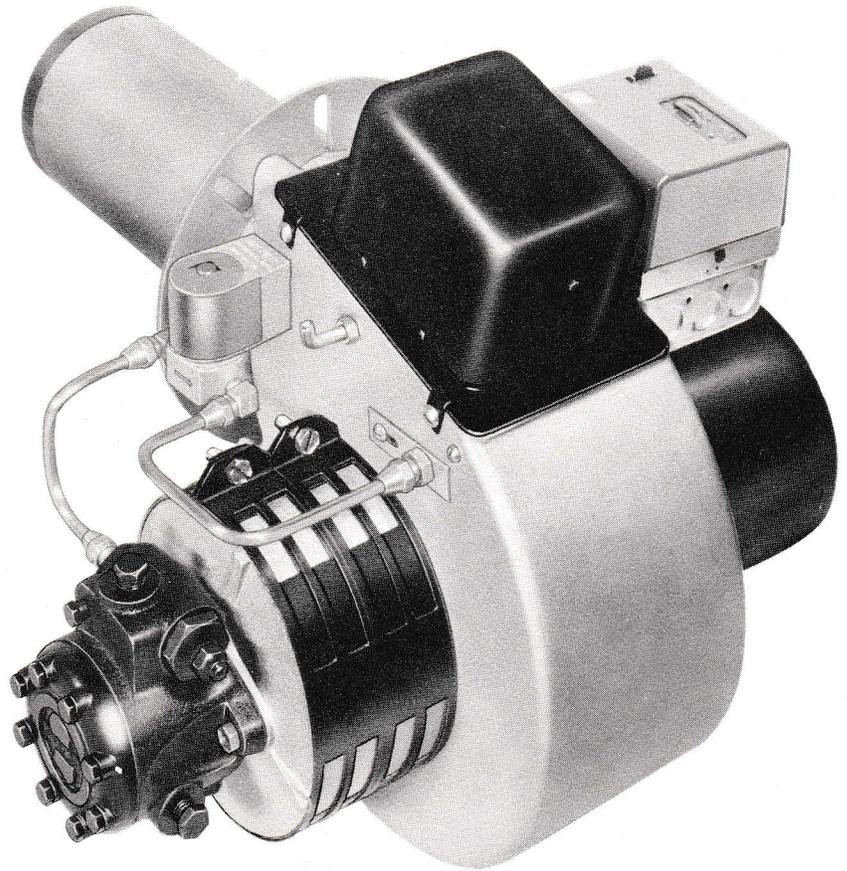




HIGH SPEED  
OIL BURNER MODEL FH

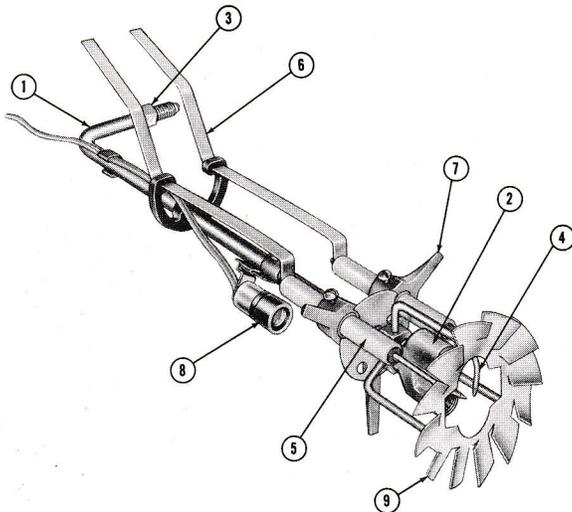
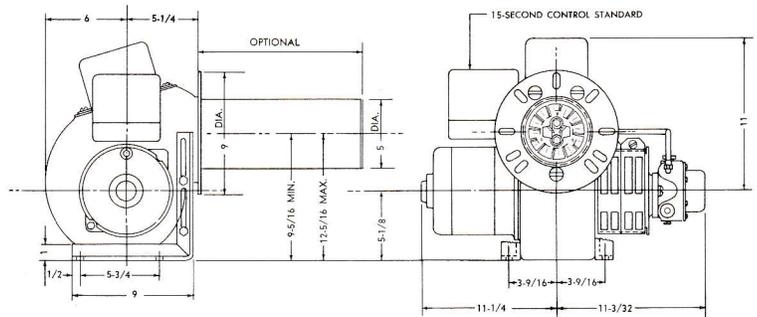
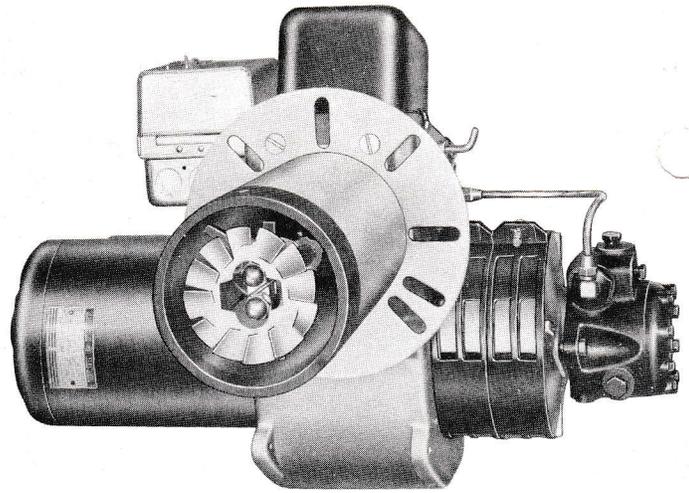
4 to 15  
G.P.H.

WITH FLAMELOCK<sup>®</sup>  
FLAME RETENTION  
AT ITS BEST



## MODEL FH SPECIFICATIONS

- ★ **CAPACITY:** 4.00 G.P.H. - 15.00 G.P.H. Kerosene, No. 1 or No. 2 fuel oil.
- ★ **FUEL PUMP:** Standard 3450 R.P.M. fuel pump — serviceable anywhere. Two stage standard.
- ★ **CONTROLS:** Standard with cadmium sulphide cell and relay installed. Flame safeguard controls optional at extra cost.
- ★ **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, 3450 R.P.M. 1/2 H.P. capacitor start.
- ★ **FAN HOUSING:** One Piece, cast aluminum 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.
- ★ **DELAYED OIL VALVE:** Standard equipment.
- ★ **AIR ADJUSTMENT:** Patented multiple air adjusting bands interlock for positive air adjustment.
- ★ **AIR TUBE:** Heavy duty 13 gauge seamless steel tube material available in 4" to 23" lengths.
- ★ **AIR CONE:** Heavy duty cast iron construction, easily changed for different inputs.
- ★ **FINISH:** Optional.
- ★ **SHIPPING WEIGHT:** 75 lbs. and up.
- ★ **50 Hertz Burners available.**



### FLAMELOCK® GUN ASSEMBLY

Simple, easy to adjust. No moving parts. Consists of (1) steel oil tube, (2) twin nozzle adapter, (3) oil-tight brass fittings, (4) stainless steel ignition points, (5) porcelain insulators, (6) durable brass electrode springs, (7) cast aluminum electrode support, (8) flame sensing element, (9) stainless steel FlameLock®

#### 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.

THE MODEL FH IS EQUIPPED WITH OUR OWN  
EXCLUSIVE PATENTED FLAME RETENTION DEVICE.



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 CO<sub>2</sub> readings, providing a high combustion efficiency that saves fuel.