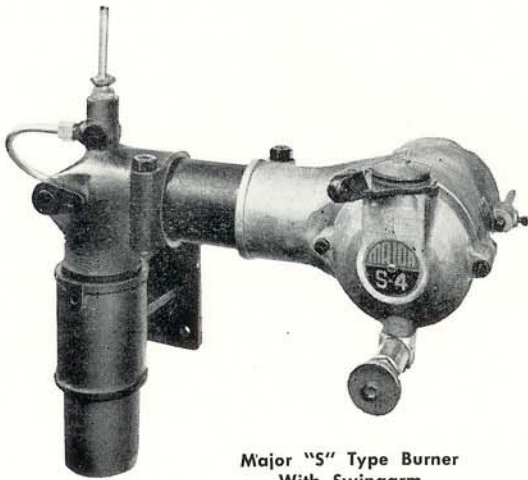


LIQUID FUEL (OIL) BURNERS

Major

Established 1912

"S" TYPE BURNER



Major "S" Type Burner
With Swingarm
Mounting

"Major" S type burners are non-rotary, low pressure air atomizing, fuel oil burners fitted with separate air and oil controls. They are designed for applications where manual operation is desirable, or where it is advantageous to use the most simple and robust type of equipment.

Having separate air and oil controls, it is possible to instantly produce oxidising, neutral or reducing atmospheres at any setting throughout the adjustable range of the burner.

As with the UNI-control type, air flow through the burner is controlled by means of a sliding valve located in the outlet nozzle so as to maintain high air velocities at the point of atomization. This arrangement provides maximum turn-down of capacity and ensures efficient atomization over the whole range of adjustment.

In common with other "Major" burners, the spray angle of the S burners can be changed to suit a wide range of applications. The air valve nozzle incorporates vanes for swirling the main or outer air supply and tangential holes for swirling the pilot or inner air supply.

The valves are available with vanes at various angles, each angle of vane having matching tangential holes so that it is possible to effect a change of both main fire and pilot fire spray angle by the replacement of only one component.

DIAGRAM

