



Crossfire Oil Burner

#1 in North America for High-Pressure Cleaning Equipment

Patent No. D665,901

CROSSFIRE

Hotsy Crossfire oil burners are a leader in performance reliability, and energy efficiency. With industry exclusive features that are easy to install and provide a durable, maintenance free package. Designed for the harsh environment of the pressure washer industry, these burners are built to provide years of trouble free service.

With 6 basic models and 20 different configurations that cover a firing range from .75 gall/hr to 7 gall/hr.



Specifications:

Capacities:

- .75 to 7 gph
- 56,000 to 950,000 BTU/hr input

Fuels:

- No. 1 or No. 2 heating oil (ASTM D396)

S-Model Dimensions:

- Height: 11 inches
- Width: 12.5 inches
- Depth: 12 inches

ML-Model Dimensions:

- Height: 13 inches
- Width: 15 inches
- Depth: 13 inches

Electrical:

- Motor: 3450 rpm, NEMA M-flange
- Power Supply: 115V 1 ph 60Hz
- 230V 1 ph 60Hz
- 12VDC
- Ignition: 10,000V 14kVpk, 35mA continuous duty shield igniter
- Operating Load: 115V - 2.8 amp
- 230V - 2.5 amp
- 12VDC - 10 amp

FEATURES

- Suntec Fuel pumps
- Exceptional performance even at low fire
- Easy Service (simple adjustment and overall design)
- Solid State high output igniters
- Forged brass gun assembly with self aligning electrodes
- Water tight Electrical box with numbered terminal strip and wiring diagram for quick and easy installation
- Power and ignition indicator lights
- Die cast aluminum fan housing with slide in guide for forged brass gun assembly
- Sight glass for viewing spark, ignition and fan

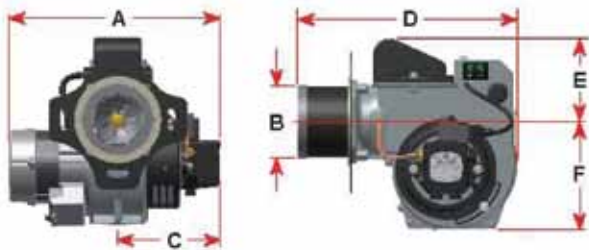
HOTSY CROSSFIRE Oil Burner

Standard Equipment and Features	Hotsy Burner Models		
	115V	230V	12VDC
S - Standard O - Optional N/A - Not Applicable			
3450 rpm continuous duty, split phase, capacitor start	S	S	N/A
3450 rpm continuous duty shunt wound	N/A	N/A	S
1" Tube Length	S	S	S
3" Tube Length	S	S	S
Igniter 115V - 10,000 V .J35mA, Midpt Ground	S	N/A	N/A
Igniter 230V - 10,000 V .J28mA, Midpt Ground	N/A	S	N/A
Igniter 12VDCV - 10,000 V .J30mA, Midpt Ground	N/A	N/A	S
ETL approved to UL 296	S	S	S



Major Components:

- | | | | | |
|-----------------|--------------|-------------------|--------------------|--------------------|
| 1. Igniter | 4. Fuel Line | 7. Electrical Box | 10. Air Cone | 13. Brass Gun Assy |
| 2. Sight Glass | 5. Fuel Pump | 8. Ignition Light | 11. Mounting Plate | 14. Electrode Assy |
| 3. Blower Mower | 6. Air Band | 9. Power Light | 12. Terminal Block | 15. Air Tube |



Distributed by:

Dimensions, in inches								Rating and Specifications			
S Burner Model	A	B	C	D Min.	D Max.	E	F	Firing Rate Min. (GPH)	Firing Rate Max. (GPH)	Motor Size (H.P.)	Standard Motor Voltage
120V	12.25	3.00	5.75	10.0	13.0	3.0	6.0	.75	3.0	1/6	120V
230V	12.25	3.00	5.75	10.0	13.0	3.0	6.0	.75	3.0	1/6	230V
12V DC	12.25	3.00	5.75	10.0	13.0	3.0	6.0	.75	3.0	1/7	12VDC

Dimensions, in inches								Rating and Specifications			
ML Burner Model	A	B	C	D Min.	D Max.	E	F	Firing Rate Min. (GPH)	Firing Rate Max. (GPH)	Motor Size (H.P.)	Standard Motor Voltage
120V	15.0	3.00	6.0	13.0	5.0	7.5	6.0	1.5	7.0	1/5	120V
230V	15.0	3.00	6.0	13.0	5.0	7.5	6.0	1.5	7.0	1/7	230V
12V DC	15.0	3.00	6.0	13.0	5.0	7.5	6.0	1.5	7.0	1/5	12VDC