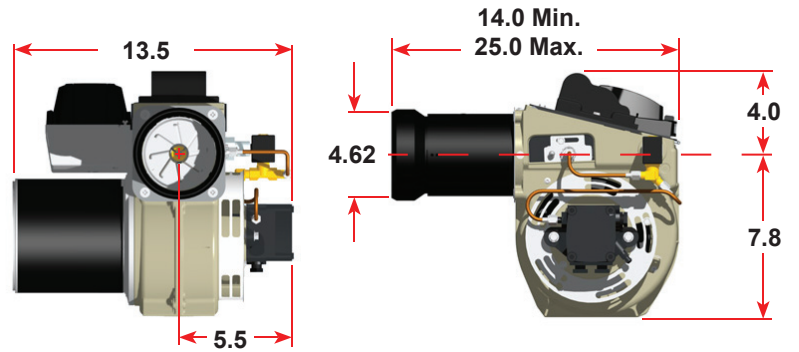


# BECKETT CF800

COMMERCIAL OIL BURNER



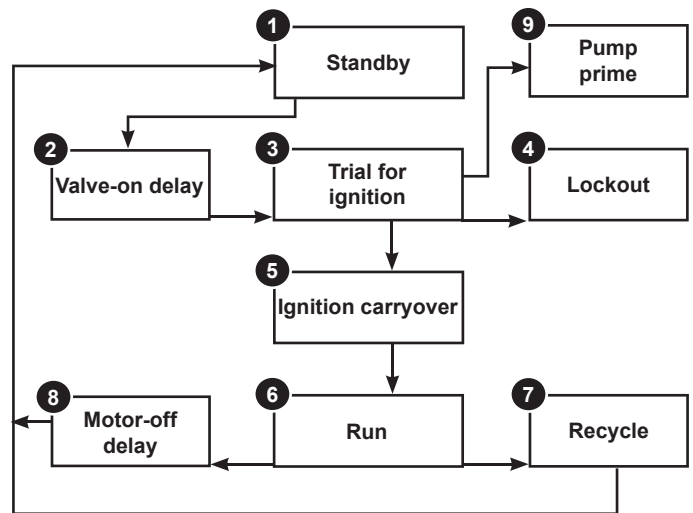
## Overall Dimensions



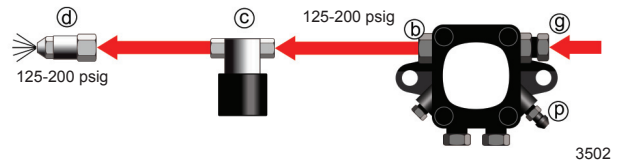
## Specifications

<b>Fuels:</b>	U.S. #1 or #2 Fuel Oil only (ASTM D396) Canada #1 Stove Oil or #2 Furnace Oil only
<b>Firing range:</b>	CF800: 3.00 to 8.00 GPH
<b>Motor:</b>	1/3 HP 3450 RPM 120/60 hz standard 4.8 amps @ 120 VAC
<b>Igniter:</b>	120V/14,000V
<b>Housing:</b>	Cast aluminum
<b>Fuel unit:</b>	100 - 200 PSIG
<b>Oil nozzle:</b>	45° - 70° solid
<b>Shipping weight:</b>	55 lbs.

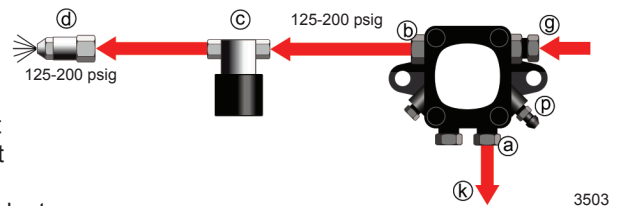
## Sequence of Operation



## One-pipe oil flow with "B" pump



## Two-pipe oil flow with "B" pump



### Legend

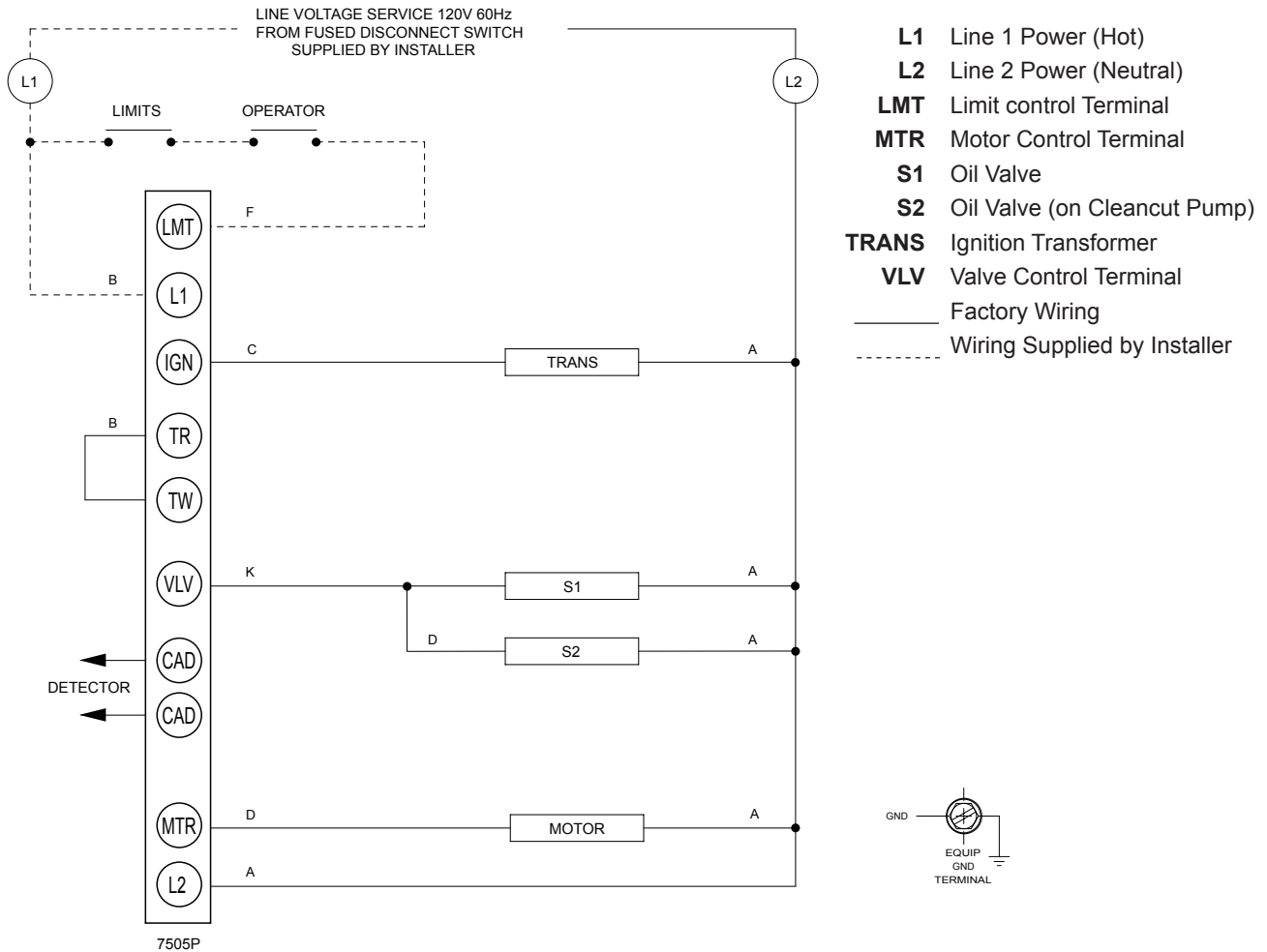
- a Return port
- b Nozzle port
- c Oil valve
- d Nozzle & adapter
- g Inlet port
- k Return line to oil tank
- p Air bleed valve

## Features

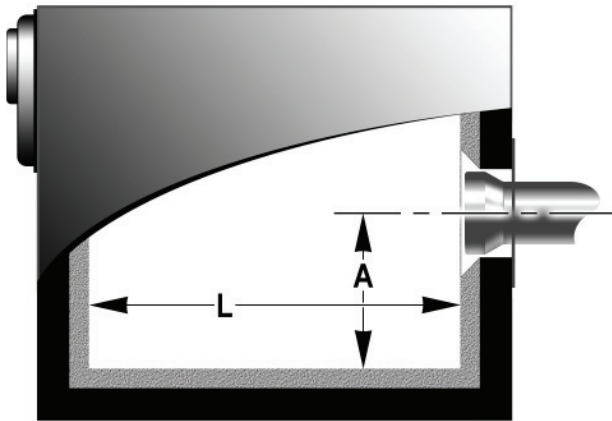
S - Standard	O - Optional	
	S	On/Off
	O	Air Proving Switch
	S	Direct Spark Ignition of Main Flame
	O	Flame Safeguard with UV Sensor or Light Sensor
	O	Customized Electrical Cabinet
	S	UL/CUL - CSD1 - XL GAPS <sup>1</sup>
	O	FM
	O	IRI (old standard)

<sup>1</sup> Some regional codes are standard; some require additional options.

## Typical Wiring



## Combustion Chamber Dimensions



1405

Firing Rate	Minimum Dimensions			
	(with damper)		(without damper)	
	A	L	A	L
1.75 to 3.00 gph	7.5"	18.0"	8.0"	19.0"
4.00 gph	8.0"	21.0"	9.5"	23.0"
5.00 gph	9.0"	23.0"	10.5"	30.0"
6.00 gph	10.0"	28.0"	11.5"	40.0"
7.00 gph	11.0"	34.0"	12.0"	46.0"
8.00 gph	14.0"	38.0"	14.0"	51.0"