



Model P16-SC30 **Animal Crematory System**

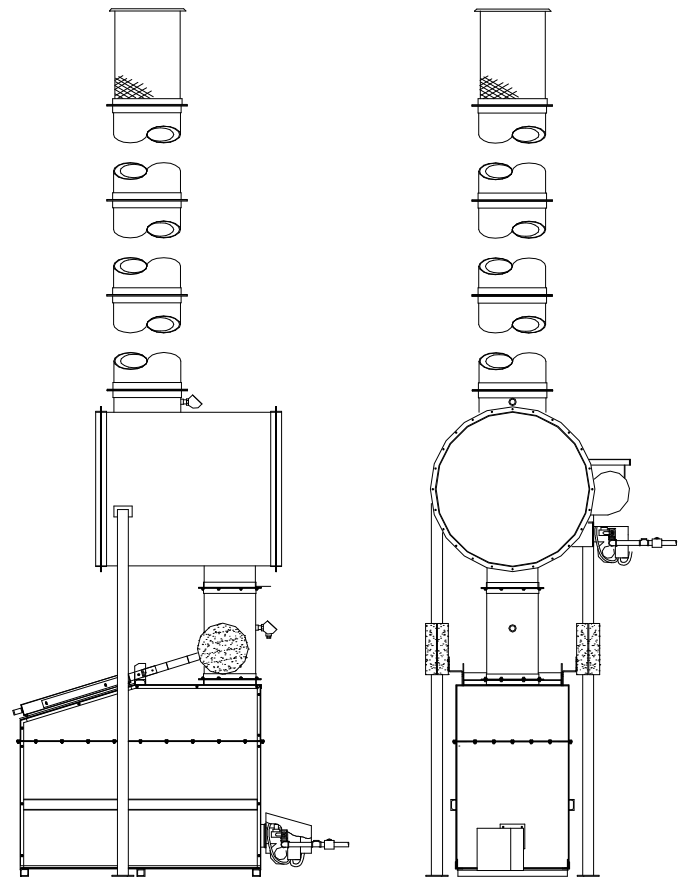


New Design for Compliance with Air Quality Regulations

- 1.5 second residence at 1800° F in Secondary Chamber.
- Built by specialists in incinerator systems.
- Designed for safe, easy operation with state-of-the-art controls.
- Includes many benefits of high-priced systems yet within the budgets of small facilities.
- 400 pound max load capacity for mass cremation.
- Easy to use... Set timers and walk away.
- Available with LP, Natural Gas, or Oil burners.

**LOWEST OPERATING COST IN THE
INDUSTRY!**

Distributed By:



P16-SC30

*One simple solution to
animal waste disposal*

Firelake Mfg. LLC
919 Cottontail Trail
Mt. Crawford, VA 22841

Phone: 866-252-3757
Fax: 866-252-3877

www.firelakeincinerators.com

Benefits and Features of the P16-SC30 Series

Fast, complete, efficient waste disposal

- Concave refractory bottom specifically designed to insure burnout and total destruction of liquid wastes.
- Secondary chamber and insulated, refractory-lined stacks for emissions control.
- Heavy duty ceramic grates allow burning from below.

Minimum installation and start-up time

- Factory assembled, aluminized steel jacket lined with high-temperature refractory.
- Factory cured chambers and stacks.
- 2-Pen chart recorder standard.

Easy and safe operation

- Counter-balanced fill door.
- Temperature control system for each burner provides preset burn times and automatic shut off.

Low energy consumption levels

- Temperature controller maintains temperature, assuring complete combustion while conserving fuel.
- Choice of fuels: LP, Natural Gas, or Fuel Oil.

Specifications Summary

P16-SC30-LP Propane-Fired Cremation System complete with two burners, secondary chamber, stack, timers, and temperature control
P16-SC30-N Natural Gas-Fired Cremation System complete with two burners, secondary chamber, stack, timers, and temperature control

WASTE CHAMBER			INSTALLATION			
Chamber capacity (Type 4 waste-pathological)	400 lbs	181 kg	Must be installed in accordance with local codes and ordinances, subject to regulatory agencies. Outside installation is recommended with a simple metal roof or three-sided metal shelter, providing a minimum of four foot clearance from any combustible roof materials. Minimum of 18" clearance is required for penetration of combustible roof materials. Inside installations may have special insurance requirements.			
Chamber volume (approximate)	16.5 cu. ft.	.47 cu. m.				
Chamber size (inside)	Width	24.5"			62 cm	
	Height	26"			66 cm	
	Length	47"			119 cm	
Door opening	24" x 28"	61 cm x 71 cm			GENERAL Electrical service Standard – 115 volt, 60 HZ, 20 amp Also available – 220 volt, 50 HZ, 10 amp BURNERS LP or Natural gas burner with spark ignition and flame safety shut-off. OPERATION 2 manual timers TOTAL WEIGHT 6500 lbs. (approximate) 2950 kg	
Height to door	44"	112 cm				
Height to top of secondary chamber	11'	3.2 m				
Overall dimensions (w/stack)	23' H x 48" W x 78" L	5.5m x 122 cm x 198cm				
Suggested slab size (1 x w x thick)	10' x 12' x 6"	3.0 m x 3.7m x 15cm				
STACK						
Dimensions (OD)	18"	46 cm				
Material	14 gauge Aluminized Steel Jacket, refractory lined					
REFRACTORY THICKNESS						
Primary	3.0"(2800F)	7.6 cm				
Secondary	1.5"(2800F)	3.8 cm				
Stack	1.5"(2800F)	3.8 cm				

APP. FUEL CONSUMPTION	<u>P16-SC30 LP</u>	<u>P16-SC30 NATURAL GAS</u>
Upper burner	10.9 GPH	1000 CFH
Lower burner	3.5 GPH	316 CFH
APPROXIMATE BTUH		
Upper burner	1,000,000	1,000,000
Lower burner	316,000	316,000

* Fuel consumption approximate. Actual fuel use depends on BTU content of waste. Lower burner cycles ON/OFF during burn.