



Model P16 Cremation System



Affordable, on-site, clean, and safe rendering.

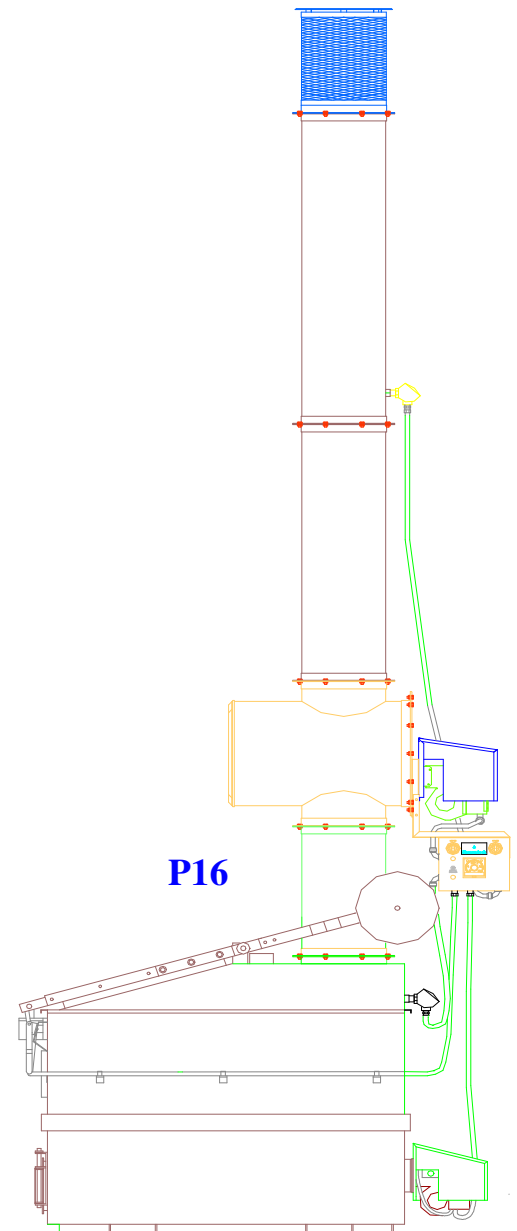
Designed for small facilities!

- Built by specialists in small 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.
- Designed to meet air quality regulations with dual chamber combustion.
- Easy to use... Set timers and walk away.
- Controls the spiraling cost of cremation or waste disposal with simple, reliable, on-site technology.
- Available with LP, Natural Gas or Oil burners.

LOWEST EQUIPMENT OPERATING COST IN THE INDUSTRY!

One simple solution to animal or
waste cremation

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Benefits and Features of the P16-T 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.
 - Recorders and other accessory equipment available.

- Easy and safe operation**
 - Counter-balanced fill door with electrical lockout..
 - Timer 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: #1 or #2 fuel oil, LP or natural gas.

Specifications Summary

P16-2GLP-T Propane-Fired Cremation System complete with two burners, secondary chamber, stack, timers, and temperature control
P16-2GN-T 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 4200 lbs. (approximate) 1905 kg	
Height to door	44"	112 cm				
Height to top of secondary chamber	8'-9"	2.7 m				
Overall dimensions (w/stack)	20'H x 48"W x 78"L	6.0m x 122 cm x 198cm				
Suggested slab size (l x w x thick)	10' x 12' x 6"	3.0 m x 3.7m x 15cm				
STACK						
Dimensions (OD)	14"	36 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			

	<u>P16-2GLP-T</u>	<u>P16-2GN-T</u>	<u>P16-2O-T</u>
APP. FUEL CONSUMPTION	LP (l/hr)	NATURAL GAS (m3/hr)	FUEL OIL (l/hr)
Upper burner	4.5 GPH (17.0)	415 CFH (11.8)	2.5 GPH (9.5)
Lower burner	3.5 GPH (13.2)	316 CFH (8.9)	2.5 GPH (9.5)
	(1.75 GPH*) (6.6)	(158 CFH*) (4.5)	(1.25 GPH*) (4.7)
APPROXIMATE BTUH	(kcal/hr)	(kcal/hr)	(kcal/hr)
Upper burner	414,000 (104,326)	415,000 (104,578)	325,000 (81,899)
Lower burner	316,000 (79,631)	316,000 (79,631)	325,000 (81,899)

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