



P16 Series ANIMAL CREMATORY SYSTEMS

Shenandoah

Discover the advantages of

- high-profit cremation
- low-cost disposal

Designed for

- veterinary practices
- animal-control facilities
- pet cemeteries
- destruction of Type IV pathological waste

Since 1962 the Shenandoah brand has defined high quality incineration/cremation equipment designed for economical ease of use. This cremation system is:

Environmentally safe

Waste can be destroyed as fast as it accumulates. High temperatures convert pathological or contaminated waste into sterile ash without offensive smoke or odor.

Convenient

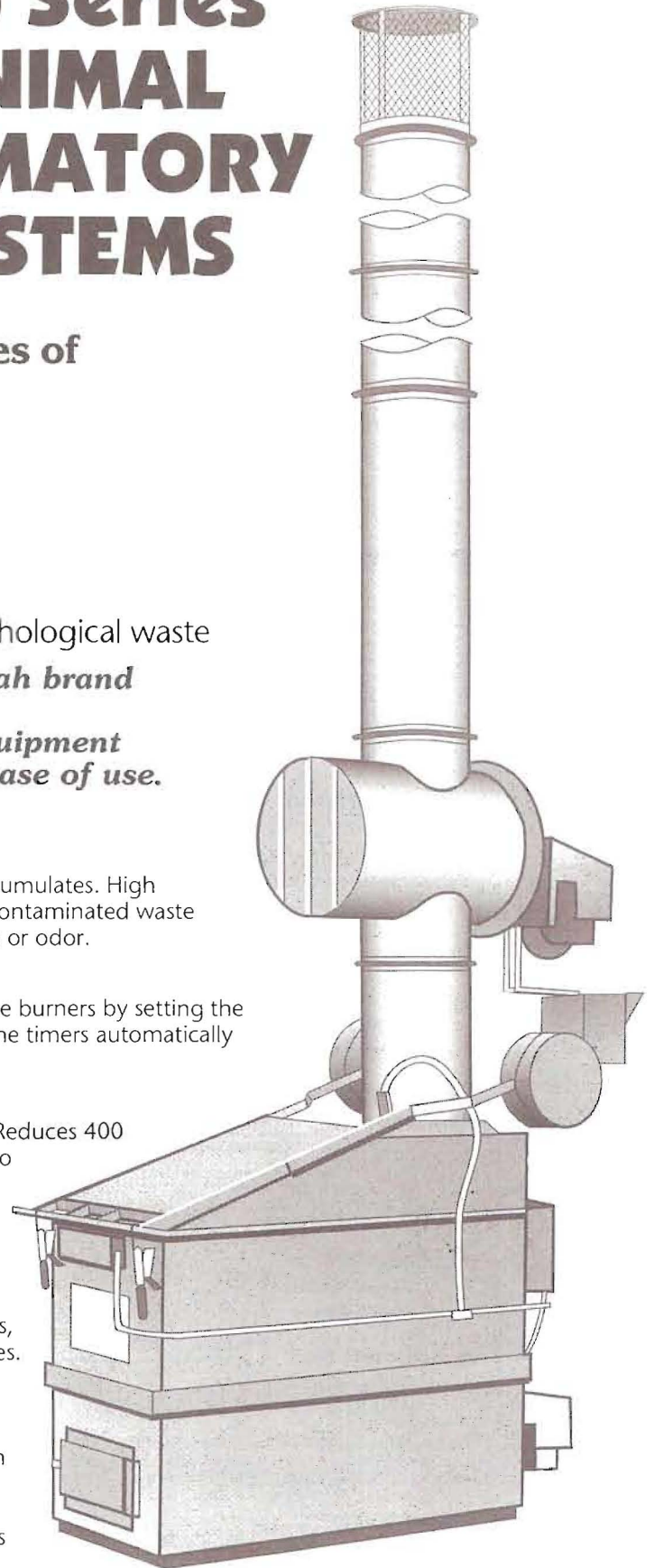
Simply load the incinerator and start the burners by setting the timers. No watching is required since the timers automatically shut the burners off.

Thorough

Leaves only fine or brittle white ashes. Reduces 400 pounds of Type IV pathological waste to approximately 20 pounds of sterile residue.

Installation:

The P16 must be installed in accordance with local codes and ordinances, subject to local and state regulatory agencies. Stack test data is available from the distributor for permit application. If on-site testing is required, it is the responsibility of the purchaser and can be arranged through the distributor. Outside installation is recommended with a simple metal roof or three-sided metal shelter. Inside installations may have special insurance requirements.



Benefits and Features of Shenandoah's P-16

Fast, complete, efficient waste disposal

- Heavy duty ceramic grates allow burning from below.
- Concave refractory bottom acts as a hearth for waste that falls through grate openings.
- Secondary chamber with baffle and insulated connector stacks.

Minimum installation and start-up time

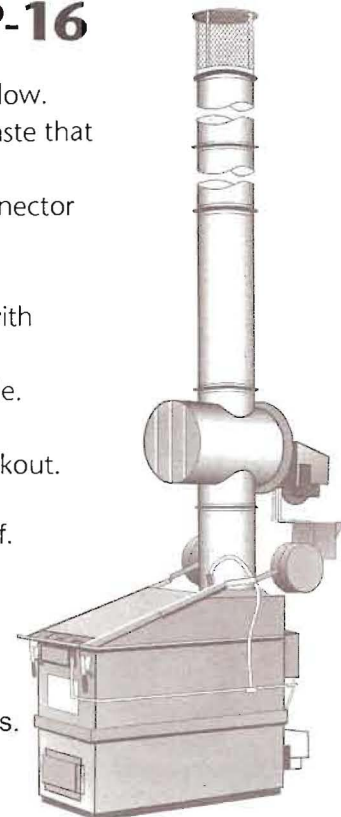
- Factory assembled, aluminized steel jacket lined with high-temperature refractory and firebrick.
- Recorders and other accessory equipment available.

Easy and safe operation

- Large counter-balanced fill door with electrical lockout.
- Automatic timer control system for each burner provides preset burn times and automatic shut off.

Low energy consumption levels

- Digital temperature controls maintain temperature, assuring complete combustion while conserving fuel.
- Choice of fuels: #1 or #2 fuel oil, LP or natural gas.



Specifications Summary

General reference only. Not intended for installation purposes.

- P16-2GLP-T** Propane-Fired Cremation System complete with two burners, secondary chamber, stack, timer, and digital temperature control
- P16-2GN-T** Natural Gas-Fired Cremation System complete with two burners, secondary chamber, stack, timer, and digital temperature control
- P16-20-T** Oil-Fired Cremation System complete with two burners, secondary chamber, stack, timer, and digital temperature control

Chamber capacity	16.5 cu. ft., 400 lbs., Type IV Waste	
Chamber dimensions	26" high, 24½" wide, 47" long	
Fill door opening	24" x 28" x 44" high	
Height to top of secondary chamber	8'9"	
Overall dimensions with stack	4' x 6½' x 20'	
Electrical	115V 60Hz. <i>Optional, 220V 50Hz for P16-20-T only</i>	
Weight	4200 lbs.	
Suggested slab size	without shelter	8' wide, 10' long, 6" thick
	with shelter	10' wide, 12' long, 6" thick

Charging rate

Pathological
Up to 800 pounds per ten-hour day of Type IV, pathological waste rated at 1000 BTU's per pound. Based on batch loading twice daily. Dependent upon reloading regulations. Additional time may be required for burnout of final charge.

	P16-2GLP-T	P16-2GN-T	P16-20-T
FUEL CONSUMPTION	LP	Natural gas	#1 Fuel oil
Upper burner	4.5 GPH	415 CFH	2.5 GPH
Lower burner	3.5 GPH (1.75 GPH*)	316 CFH (158 CFH*)	2.5 GPH (1.25 GPH*)
APPROXIMATE BTU's			
Upper burner	414,000	415,000	325,000
Lower burner	316,000	316,000	325,000

*Approximate reduced fuel consumption of lower burner is a result of burner cycling on & off.

Fuel consumption approximate. Actual fuel use depends on waste density, BTU value and reloading frequency. Consult factory for special requirements.

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