



Model A400 Incineration System

Unique Design Compliant with Air Quality Regulations

- Recirculating flue gases assure clean operation.
- Built by specialists in incinerator systems.
- Designed for safe, easy operation with simple to use controls.
- Includes many benefits of high-priced systems, yet within the budgets of small facilities.
- **400 pound rated load capacity.**
- Easy to use... Set timers and walk away.
- Available with LP, Natural Gas, or Oil burners. Single burner model shown.



LOWEST OPERATING COST IN THE INDUSTRY!

*One simple solution to solid/liquid waste disposal
Immediately eliminates potential to spread diseases*

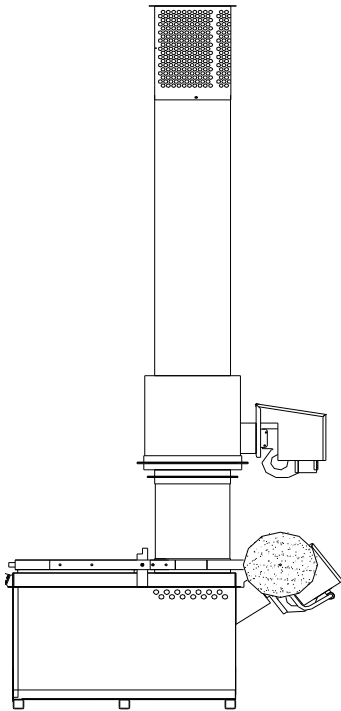
Firelake Manufacturing LLC

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www.firelakeincinerators.com

Benefits and Features of the A400 Series



- Concave refractory bottom specifically designed to insure burnout and total destruction of solid and liquid wastes.
- Secondary chamber with burner available.
- Insulated, refractory-lined chambers and stacks for durability, energy retention, and emissions control.
- High temperature refractory lined chamber walls.
- Factory assembled, aluminized steel jacket lined with high-temperature refractory.
- Factory cured chambers and stacks.
- Assembly on-site can be done with common farm equipment.
- Counter-balanced fill door.
- Manual set burn time and automatic shut off.
- Burn times are adjustable by operator to meet varying loads.
- Choice of fuels: LP, Natural Gas, or Fuel Oil.
- Stack Test Data available on many models.
- We provide permit and compliance assistance at no cost.

Specifications Summary

A400 Propane, Natural Gas, or Diesel Fired Incineration System complete with one burner, optional second burner and secondary burn chamber, stainless and / or refractory lined stack and chambers, and manual operating timers.

| WASTE CHAMBER | | | INSTALLATION | | | |
|---|--|--|---|------------------------------|-------------------------|--------------------|
| Chamber capacity (Type 4 waste-pathological) | | | 400 lbs | 182 kg | | |
| Chamber volume (approximate) | | | 12.6 cu. ft. | .36 cu. m. | | |
| Chamber size (inside) | | | Width 29" | 74 cm | | |
| | | | Height 22" | 56 cm | | |
| | | | Length 42" | 106 cm | | |
| Door opening | | | 22"W x 29"L | 56 cm x 74 cm | | |
| Height to door | | | 30.5" | 77 cm | | |
| Overall dim's 1 burner, w/stack | | | 132"H x 57"W x 71"L | 3.35 m x 145 cm x 180cm | | |
| Overall dim's 2 burner, w/stack | | | 186"H x 57"W x 71"L | 4.7m x 145 cm x 180cm | | |
| Suggested min. slab size (l x w x thick) | | | 8' x 6' x 4" | 1.8 m x 2.4m x 10cm | | |
| STACK | | | GENERAL | | | |
| Diameter | | | 1 burner system 12" | 30.5 cm, 2 burner system 14" | 35.5 cm | |
| Material | | | 14 gauge (2 mm) lined Aluminized Steel and/or unlined stainless steel | | | |
| REFRACTORY THICKNESS | | | BURNERS | | | |
| Primary | | | 3.0"(2800F) | 7.6 cm | | |
| Secondary | | | 1.5"(2800F) | 3.8 cm | | |
| Stack | | | 1.5"(2800F) | 3.8 cm | | |
| APP. FUEL CONSUMPTION | | | OPERATION | | | |
| | | | Manual timers | | | |
| | | | TOTAL WEIGHT | | | |
| | | | 1975 lbs. (approximate) | | 896 kg | |
| | | | A400 LP | | A400 NATURAL GAS | A400 Diesel |
| Upper burner | | | 0.83 GPH | 83 CFH | 0.5 GPH | |
| Lower burner | | | 3.0 GPH | 275 CFH | 2.5 GPH | |

* Fuel consumption approximate. Actual fuel use depends on BTU content of waste.

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