

C12 Specifications Summary

C12-400-LP Propane-Fired Cremation System complete with two burners, secondary chamber, stack, timers, and temperature control

C12-400-N Natural Gas-Fired Cremation System complete with two burners, secondary chamber, stack, timers, and temperature control

WASTE CHAMBER

Chamber capacity (Type 4 waste-pathological)	400 lbs	181 kg
Chamber volume (approximate)	12 cu. ft.	3.7 cu. m.
Chamber size (outside)	Width	36" 91 cm
	Height	34" 86 cm
	Length	48" 122 cm
Door opening	22" x 29"	56 cm x 74 cm
Height to door	30"	76 cm
Height to top of secondary chamber	7'-1"	2.2 m
Overall dimensions (w/stack)	16'H x 53"W x 61"W	4.9m x 135 cm x 155cm
Suggested slab size (1 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

	C12-400-LP	C12-400-N
APP. FUEL CONSUMPTION	LP	NATURAL GAS
Upper burner	4.1 GPH	392 CFH
Lower burner	3.0 GPH (1.5 GPH*)	275 CFH (138 CFH*)
APPROXIMATE BTUH		
Upper burner	414,000	415,000
Lower burner	275,000	275,000

* Fuel consumption approximate. Actual fuel use depends on BTU content of waste. Consult factory for retention times or special requirements

INSTALLATION

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. Factory must be advised.

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

3000 lbs. (approximate) 1361 kg

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