



1	MODEL S-27-T CREMATORY
2	AFTERBURNER
3	PRIMARY BURNER
4	SECONDARY BURNER
5	COMBUSTION AIR FAN/MOTOR
6	LOAD DOOR
7	CONTROL PANEL
8	PRIMARY THERMOCOUPLE
9	SECONDARY THERMOCOUPLE
10	CLEAN-OUT DOOR
11	LOAD DOOR COUNTERWEIGHT
⊕	FUEL SERVICE LINE (BY OTHERS)
⊕	ELECTRICAL SERVICE(BY OTHERS)

Company & Features

Company - 28 Years In Business - Design, Engineering And Manufacturing
 Specs Of The Air Design And Manufacturing - Latest Combustion Technology Available
 Right Quality/Control, Compliance To 18 Agency Standards Such As ASME, AISC, U.L., etc.

Primary Chamber

400 Pound Batch Load Or Load Single Ashtray For Private Cremation
 Constructed With 3/16" Steel Plate, High Temperature Insulation, Heavy Duty Cast Refractory Lining
 29 Cubic Foot Combustion Chamber
 Load Door Opening 50 1/2" x 28"

Easy Loading - 31" From Ground Level
 Load Door Lined With High Temperature Composite Material
 Load Door Counterbalanced For Easy Opening
 Refractory Lined Ash Remains Clean Out Door, Opening 18" x 10"
 Built In Liquid Retention Drain

Full Combustion Air Adjustment
 Easy To Service Exterior Air Passage Clean Cuts
 Primary Burner: 600,000 Btu/h, Operated At 400,000 Btu/h
 Secondary Chamber (Afterburner)
 Lining: 2,000°F With Pre-Heated Air Jacket
 Secondary Burner: 600,000 Btu/h, Operated At 400,000 Btu/h
 Full Combustion Air Adjustment

Stacks
 Two 8" Stacks Provided, Flanged Top And Bottoms, 3" Refractory Lined
 Control System

116 Volt, 30 Amp, Single Phase
 Electrical Control Panel And Instruments All U.L. Laboratories Listed # 6224
 Temperature Controls For Both Primary And Secondary Chambers For Fuel Efficiency
 Digital Displays On Temperature Controls And Burn Timer
 Insulation

Pre-Wired And Pre-Plumbed All Factory, Ready For Installation
 Operations And Maintenance Manuals
 Clean Out Tools, Sinks, Nuts, And Joint Compound For Installation
 Shipping: Three Pieces, Main Chamber And Two Stack Endcaps

REVISION	DATE	BY	DESCRIPTION	L/C
1	08/19/01	QM	REVISED PER COMMENTS FROM CLIENT	
2	08/19/01	QM	REVISED PER COMMENTS FROM CLIENT	

BIRTH: 3/8"-1'-0"
 DESIGN BY: TSKRDFE
 DATE: 08/19/01
 CHECKED BY: QM/9/01
 TOLERANCES: UNLESS NOTED OTHERWISE
 ± 1/32"

GENERAL ARRANGEMENT
 S-27-T CREMATORY
 BSG-26088