

## ROSS AIR SYSTEMS

### incinerator

Pre-owned Regenerative Thermal Oxidizer, 32000 Nm<sup>3</sup>/h process gas volume.

### Technical specifications

CazProductNumber CPN	6659
Name	ROSS AIR SYSTEMS
Year of Construction	1996

### Videos

There are no videos available for this product.

### Photos





**ROSS AIR SYSTEMS, INC.**

REGENERATIVE THERMAL OXIDIZER  
ROSS AIR SYSTEMS PROPOSAL NO. IN6012795

CROWN CORK & SEAL  
APRIL 29, 1996  
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General Specifications and Design Criteria

Incinerator Location	La Villa, Mexico
Process:	Crown Coating/Lithography
Process exhaust volume:	32,000 SCFM @ 0.058 lb/ft <sup>3</sup>
Process exhaust temperature	215°F (blended)
Process solvent load:	350 lbs/hr. (maximum) 250 lbs/hr. (average)
Process exhaust solvents:	Methanol (various varnishes)
Average heating value of solvent (gross):	13,500 BTU/lb.
Process operating cycle:	6,000 hrs/yr (assumed)
Thermal incinerator model:	RI-3-32000-95
Thermal energy recovery:	95% Design 90% Operating
Destruction efficiency:	98.5%
Combustion chamber residence:	1.0 second @ 1500°F operation
Assembled weight:	270,000 lbs. (approximately)
Electric:	Power 460 volt, 3 phase, 60 Hertz Control 120 volt, 1 phase, 60 Hertz
Fuel requirement:	Natural Gas @ 1000 BTU/cu. Ft. & 5 PSIG
Insurance carrier:	FM

