

ROSS AIR SYSTEMS

incinerator

Pre-owned Regenerative Thermal Oxidizer, 32000 Nm³/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
 SECTION 1, PAGE 1

General Specifications and Design Criteria

Incinerator Location	La Villa, Mexico
Process:	Crown Coating/Lithography
Process exhaust volume:	32,000 SCFM @ 0.058 lb/ft ³
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



Ross-Waldron Process Lines

Ross Pulp and Paper

Ross Air Systems