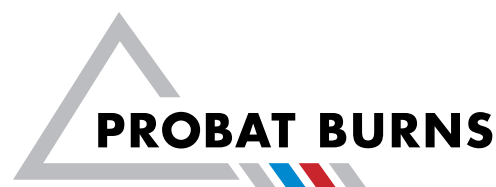




Minimize emissions and reduce energy consumption with catalytic oxidizers designed for use with both recirculating and non-recirculating commercial coffee roasters from Probat Burns.

FEATURES & BENEFITS

- Achieves 95 percent destruction efficiency of VOC and particulate matter
- Combustion chamber for heating exhaust gases to operating temperature
- Afterburner controls with flame monitoring capabilities for added safety
- Platinum, palladium and ceramic catalyzer coating options for optimal performance in your application
- Catalyzer modules comprised of either compressed stainless steel or ceramic honeycombed foil to promote oxidation
- Modules built into drawers for easy removing and cleaning



Roast Assured.™

TECHNICAL SPECIFICATIONS

	Catalytic Oxidizer
Roaster capability	G Series, R Series
Temperature	
Operating temperature	750°F
Utility	
Minimum gas inlet pressure	2 psi
Control voltage	110 VAC
Electrical power	208 / 460 V, 3 PH, 60 Hz

CATALYTIC OXIDIZER CONSISTS OF

- Combustion chamber with flame tube
- Burner assembly with gas train (several types available)
- Transition segment to catalyzer bed
- Catalytic bed consisting of metal or ceramic monolithic stainless steel substrate
- Temperature probes above and below catalytic bed to monitor operating temperatures

OPTIONAL COMPONENTS

- Chart recorders
- Valve proving system (leak detector)
- Observation port with 1,600°F quartz lens
- Control system designed to maintain incineration temperature, monitor the safety fuel train, and operate valves, motors and other necessary equipment
- Motor starters
- Low emission burners
- Outlet stacks system
- Other burners

ABOUT PROBAT BURNS

Probat Burns provides a comprehensive range of equipment and support services for roasting and processing coffee and cocoa in small and large batches. The Probat Group is dedicated to exceeding international industry standards of excellence. With more than 250 years of combined industry experience, the engineers and specialists at Probat Burns continue to develop their world-leading expertise in safe, environmentally friendly and consistent roasting technologies so that all our customers roast assured.



Roast Assured.™

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Dimensions vary based on roaster.