

CATALYTIC OXIDIZER RENTAL

MODEL RCO-8.5 FOR SHORT-TERM AND EMERGENCY USE

The RCO-8.5 is a skid-mounted rental catalytic oxidizer designed to provide destruction of Volatile Organic Compounds (VOCs) from an air stream at >95%. This unit's flexible design can adapt to multiple conditions while operating completely independent of the process. Additionally, lower operating temperatures along with heat recovery in the RCO-8.5 can decrease operating costs and utilities.



SPECIFICATIONS:

Max. Air Flow Capacity	8,500 SCFM
Min. Air Flow Capacity	1,000 SCFM
Max. Inlet T	200° F
Max. Hydrocarbon throughput	25% LEL
Burner Capacity	3,600,000 BTUH
Inlet Connection	24" DIA
Stack Height	25'
Stack Diameter	32"
Catalyst Module	Precious Metal Monolith
Catalyst Operating Temp.	600° F
Max. Catalyst Operating Temp.	1200° F
Heat Exchanger	304 SS, Shell & Tube
Heat Exchanger Efficiency	50%
Oxidizer Process Blower	60 HP
Control Panel	Nema 12, Wall Mount
Control Panel Power Requirements	460/3/60, 20 AMPS
60 HP VFD Panel Power Requirements	460/3/60, 75 AMPS
Major Skid Weight	~16,500 lb
Overall System Weight	23,000 lb



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