

CYCLONATOR™ INCINERATOR CY-100-CA



KETEK
GROUP

Results Driven.

Ketek's Controlled Air Incinerators destroy solid waste (Types 1-2-3-4) efficiently and reduce the risk of contamination to the environment.



IDEAL FOR REMOTE
CAMPS & COMMUNITIES



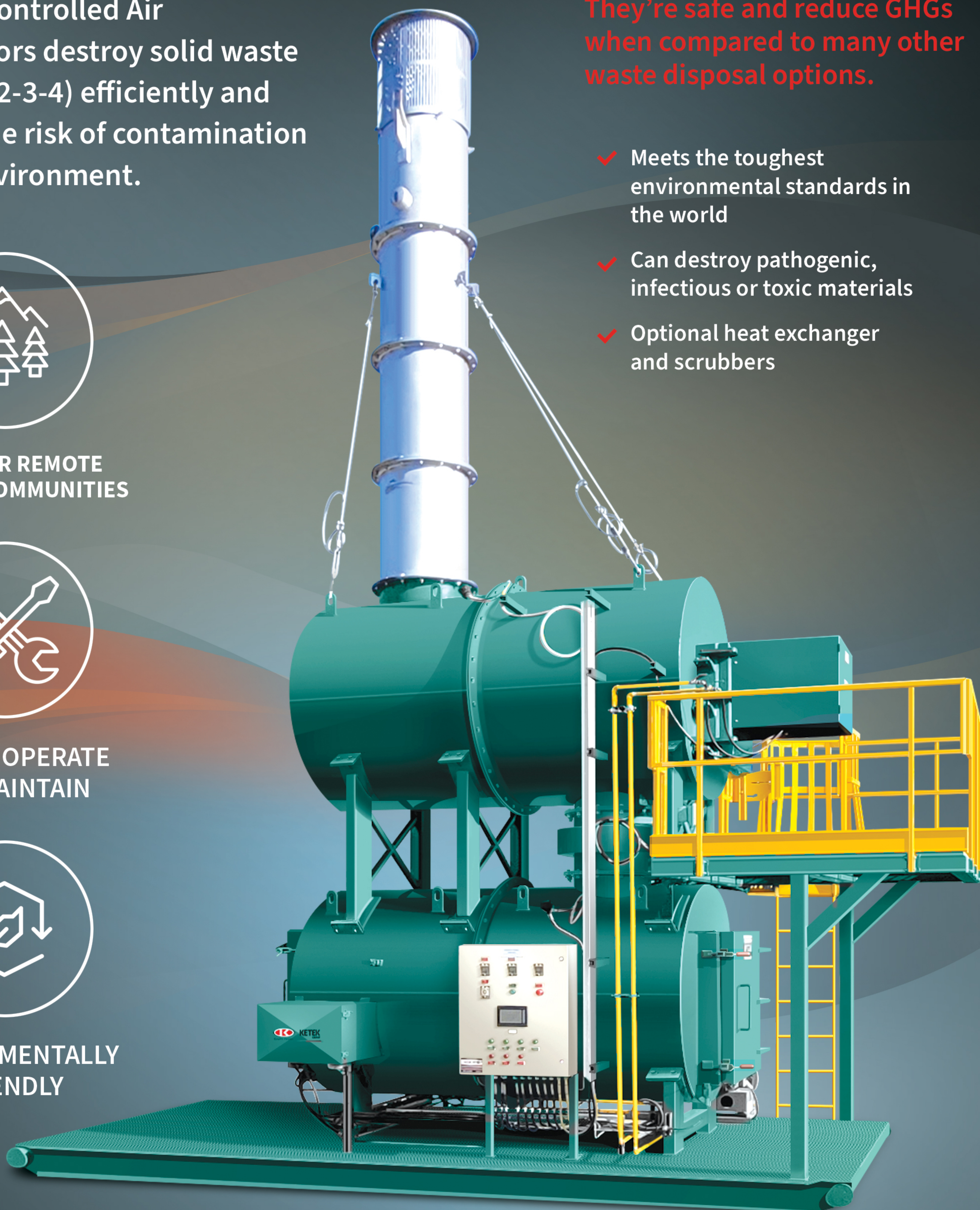
EASY TO OPERATE
AND MAINTAIN



ENVIRONMENTALLY
FRIENDLY

They're safe and reduce GHGs when compared to many other waste disposal options.

- ✓ Meets the toughest environmental standards in the world
- ✓ Can destroy pathogenic, infectious or toxic materials
- ✓ Optional heat exchanger and scrubbers



Cyclonator™ Controlled Air Incinerators CY-100-CA



Features

- Dual chamber, controlled-air operation
- Secondary chamber gas residency time of two seconds
- Revolutionary Cyclonator™ Flame port design
- Built in safety features
- Load-and-go operation
- Low power consumption
- Platform, ladder, ladder cage and handrails

Control System

- Load-and-go, one-button batch operation
- Temperature control for primary and secondary chambers
- PLC real-time data logging

Fuel Supply (diesel-fired units)

- Optional double-walled, 4,500 L fuel storage tank, c/w filter and flexible hose connection
- Optional cold-climate package / Arctic fuel line

Optional Fuels

- LPG, natural gas, diesel

Combustion Chambers

- The primary chamber is 2.74 m³
- The secondary chamber is 2.87 m³

Power Requirement

- 125/250 V, 30 amp, single phase

Casing

- 6.35 mm gauge steel
- Lining: high-heat duty castable refractory over high-temperature insulation

Refractory-lined Doors

- 699 mm x 899 mm clear opening
- 6.35 mm steel plate c/w heavy duty blade latch

Adjustable Air Supply

Forced air fan c/w ducts to secondary flame port air jets

Auxiliary Burners (Gun type, enclosed in protective steel housing)

- Two 770,000 BTU/hr burners for primary chamber
- 1,600,000 BTU/hr burner for secondary chamber

Refractory-lined Stack

Diameter: 457 mm

Height:

- Without spark arrestor: 3.7 m
- With spark arrestor: 4.24 m

Transportation

- Shipped in sections for better handling and assembled onsite
- Primary chamber, with skid: L 6.1 m W 2.44 m H 2.25 m (18,100 lbs)
- Secondary chamber, with shipping skid: L 3.7 m W 1.8 m H 2.1 m (13,100 lbs)
- Crated stack (1,600 lbs)

Dimensions (Assembled)

- L 6.1 m (20')
- W 2.44 m (8')
- H 8.9 m (29' 2")
- Weight 16,300 kg (36,000 lbs)

Air Emissions



Meets Environment Canada and NFPA design guidelines

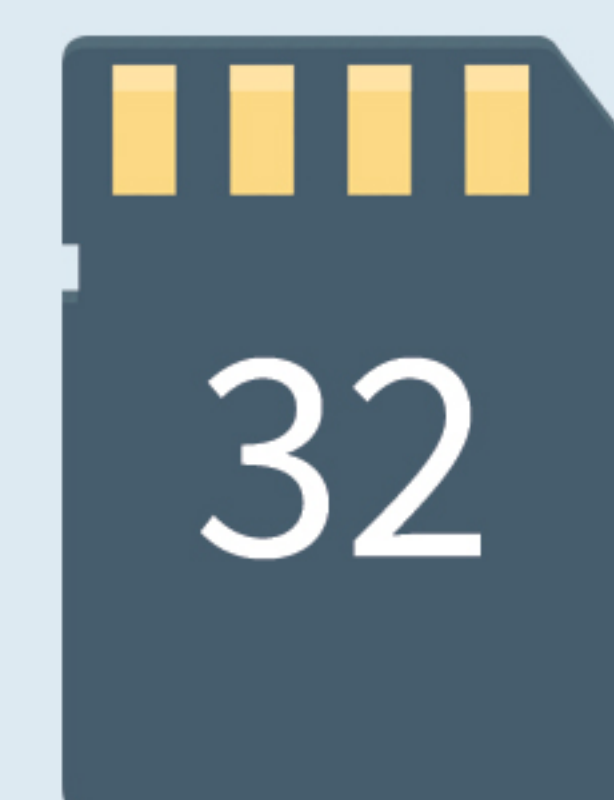


Optional wet/dry scrubbers can meet all emissions standards

Touchscreen display



Record incineration operations



Comes standard with 32 GB of memory



Contact Ketek

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Visit

ketek.ca