

# CYCLONATOR INCINERATOR CY-20-CA

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

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



ENVIRONMENTALLY  
FRIENDLY



IDEAL FOR REMOTE  
CAMPS & SMALL  
COMMUNITIES



EASY TO OPERATE  
AND MAINTAIN



- ✓ Dual Chamber, Controlled Air Operation
- ✓ Built-in Safety Features
- ✓ "Load-and-Go" Operation
- ✓ Meets Clean Air Guidelines
- ✓ Economical Operation
- ✓ Optional Dry Scrubber
- ✓ Secondary Chamber Operating Temperature: 1000°C



**KETEK**  
GROUP

Results Driven.

# Cyclonator Controlled Air Incinerators CY-20-CA



## Combustion Chambers

- The primary chamber is 0.69 m<sup>3</sup>
- The secondary chamber is 0.69 m<sup>3</sup>

## Power Requirements

- 125/250 V, 30A, single phase, 60 Hz

## Stack

- Diameter: 406 mm
- 2.6 m high w/o spark arrester
- 3.3 m high w/ spark arrester
- Refractory-lined

## Casing

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

## Doors

- 660 mm x 660 mm clear opening
- Refractory-lined
- 6.35 mm steel plate c/w heavy duty toggle clamp

## Air Emissions

- Meets Environment Canada design guidelines for small incinerator
- Some waste streams may require the use of a scrubber
- Optional dry scrubber guaranteed to meet all emission standards.

## Fuel Supply

- LPG, natural gas or diesel
- 2,300L or 4,500L double-walled fuel storage tank\* c/w filter and flexible hose connection
- Optional cold-climate package/Arctic fuel line
- \* More if required.

## Transportation

- Primary chamber, with skid: L 5.5 m W 2.1 m H 1.7 m, 3,724 kg (8,210 lbs)
- Secondary chamber, with skid: L 2.5 m W 1.2 m H 2.1 m, 2,193 kg (4,835 lbs)
- Crated stack: L 3.4 m, 433 kg (955 lbs)

## Control System

- PLC controller
- "Load-and-Go," one-button batch operation
- Temperature control for primary and secondary chambers
- Real-time data logging

## Air Supply

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

## Auxiliary Burners

- 770,000 BTU/hr burner in each chamber
- Gun type, enclosed in protective steel housing.

## Assembled Dimensions

- L 5.5 m (18')
- W 2.1 m (7')
- H 6.7 m (22')
- Weight 6,350 kg (14,000 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 with 32 GB of memory, enough to log 5+ years of data



## Contact Ketek

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## Visit

ketek.ca