

CYCLONATOR INCINERATOR CY-14-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.



**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-14-CA



Combustion Chamber Capacity

- Primary and secondary chambers: 0.40 m³

Power Requirements

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

Stack

- 230 mm diameter
- 2.4 m high w/o spark arrester
- 3.0 m high w/ spark arrester
- Refractory lined

Casing

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

Doors

- 619 mm x 619 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 incinerators
- 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
- 1,000L or 2,300L double-walled fuel storage tank* c/w filter and flexible hose connection.
- Optional cold-climate package/Arctic fuel line
- * More if required.

Transportation

- Primary and secondary chambers mounted on skid: L 1.9 m x W 1.5 m x H 2.6 m, 2,450 kg (5,400 lbs)
- Crated stack: L 3.05 m, 318 kg (700 lbs)
- Largest dismantled piece is 408 kg (900 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

- 455,000 BTU/hr for each chamber; gun type, enclosed in protective steel housing.

Assembled Dimensions

- L 1.9 m (6'2")
- W 1.5 m (5')
- H 5.6 m (18'4")
- Weight 2,767 kg (6,100 lbs)

Air Emissions



Meets Environment Canada and NFPA design guidelines

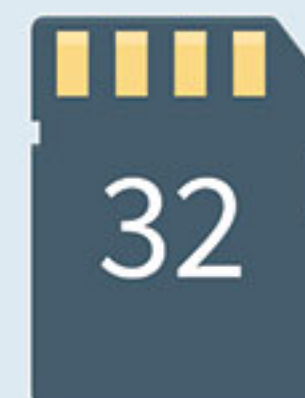


Optional wet/dry scrubbers can meet all emissions standards

Touchscreen display



Record incineration operations



Comes with 32 GB of memory, enough to log 5+ years of data



Contact Ketek

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ketek.ca