

I8-1000 Animal Incinerator

Summary

I8-1000 model is our largest incinerator. This model is a controlled air incinerator, providing optimal combustion conditions for different waste types. Top loading design provides liquid retention making this incinerator ideal for incineration of many different waste streams.



Emission Data

| Parameter | Limits (1/2 hr av) | Measured |
|-------------------|-----------------------|------------------------|
| Total Dust | 30 mg/m ³ | 12 mg/m ³ |
| Sulphur Dioxide | 200 mg/m ³ | 2,4 mg/m ³ |
| Nitrogen Dioxide* | 400 mg/m ³ | 60 mg/m ³ |
| Carbon Monoxide | 100 mg/m ³ | 78,3 mg/m ³ |

Technical Specs - Operational

| Operational Specs | |
|---|--------------------|
| Combustion Chamber Volume (m ³) | 8.70m ³ |
| Suggested Batch Size | 5000kg |
| Burn Rate | 500kg per hour |
| Average Fuel Consumption | 65.1kg per hour |
| Operational Temperature | 850 - 1300°C |
| Gas Retention in Secondary Chamber | 2 secs |
| Temperature Monitoring | Yes |
| Average ash residue (%) | 3% |
| Thermostatic Device | Yes |

Leading Provider of Thermal Treatment Solutions

18-1000 Animal Incinerator

18-1000 model is our largest incinerator. This model is a controlled air incinerator, providing optimal combustion conditions for different waste types. Top loading design provides liquid retention making this incinerator ideal for incineration of many different waste streams.

Technical Specs - Physical

| Physical Specs | Measured |
|----------------------|----------|
| External Length (mm) | 6.49m |
| External Width (mm) | 2.0m |
| External Height (mm) | 6.26m |
| Shipping Weight | 21500kg |

Construction

BODY MATERIAL:

5mm anodised steel shell with box section inner framework

INNER MATERIAL:

10cm thick refractory lining concrete

All our steelwork is carried out by fully CODED welders and fabricators.

Conformity / Certification

CE certified to BS E7N4 6-2:1997



(industrial thermoprocessing equipment – part 2. Safety requirements for combustion and handling systems),

Low Voltage Directive 73/23/EEC

EMC Compatibility Regulation 89/336/EEC and Machinery Directive 89/392/EEC (including amendment).

DEFRA Approved

Animal By-Products Regulation (EC) No. 142/2011
The Waste Incineration Directive (WID) (EC) No. 76/2000

CERTIFICATE OF REGISTRATION

This Certificate has been awarded to:

Inciner8 International
Unit 2, Canning Road Industrial Estate
Canning Road
Southport
PR9 7SN

In Recognition of the Organisation's Management System which complies with:

ISO 9001:2008

For the Scope of Activities described below:

Wholesale Distribution of Waste Incinerators & Heaters, UK & International. Manufacture, Sales and Distribution of Waste, Animal and Medical Incinerators. Heaters.

This Certificate has been awarded by:

WORLD CERTIFICATION SERVICES LTD.

Issued By: *[Signature]*

Issue Date: **20/11/2013**
Revision 0

The use of the accreditation mark indicates accreditation in respect of those activities covered by accreditation certificate number 60

Certificate Number: **6596**

Date First Registered: **29/11/2007**

Date Certificate Expires: **28/11/2016**

World Certification Services Ltd.
Custom House, 524 Mercury Place
Heresford, LE22 6QB
United Kingdom

