

VOLKAN™

HIGH-EFFICIENCY INCINERATORS



VOLKAN 300E series

medium-capacity
animal carcass
incinerator

VOLKAN is a range of highly efficient incineration units for the disposal of all types of animal carcass.

They are robust, constructed using high quality materials and are available in a range of capacities and burn rates to suit every disposal problem.

The VOLKAN 300E is compact yet powerful and featuring an integral after-burner is fully compliant with European legislation. It is ideal for the disposal of poultry, sheep and medium-sized animal carcasses.



www.VOLKANincinerators.com

VOLKAN 300E series medium-capacity animal carcass incinerator

Why choose the VOLKAN 300E?

The VOLKAN 300E is specifically designed for the incineration of:

- Sheep carcasses
- Poultry carcasses
- Larger pet animal carcasses
- Farm shop and abattoir waste

Economic and reliable

The VOLKAN 300E is compact, fuel efficient and easy to run, designed to achieve its optimum incineration temperature quickly. It is the ideal solution for medium volume incineration. Constructed from high quality materials in the UK, it comes with one year's free warranty.

Efficient and easy to use

The VOLKAN 300E is a DEFRA 'Type Approved', compact, easy to use, front-loading, 300 kg capacity incinerator which easily accommodates medium-sized volumes of waste. The optional trolley and winch further assists insertion of waste and once loaded, the operator selects a burn program and can leave the incinerator unattended until the waste has been reduced to ash. With a burn rate of up to 50kg per hour, the VOLKAN 300E has a low-capacity status requiring no planning permission for farm use. It is highly efficient, utilising automatic high heat-rate burners, low thermal mass linings and timer controls that ensure minimal running costs; a thermostat triggers burner shut-off when optimum temperatures are reached, increasing fuel efficiency significantly. The model is designed to use the inherent fuel properties within animal fat that aid combustion. Easily installed on site, it simply requires concrete hard-standing and a 240-volt electricity & fuel supply. A comprehensive operating, care & maintenance manual is provided with each incinerator.

Cleaner emissions and legislation compliant

The VOLKAN 300E is fitted with an after-burner which is integral to the incinerator. The gas temperature reaches 850°C rapidly and is maintained until the end of the main burn cycle. This, along with a 3m chimney, highly efficient automatic burners and timer controls ensures cleaner emissions and compliance with European emissions legislation ABPR 1069/2009.

VOLKAN 300E series options

Fuel use options Diesel, LPG
Natural Gas, Bio Gas

For more information contact:
E: sales@WasteSpectrum.com
T: +44(0)1905 362100
F: +44(0)1905 362101

Why use incineration?

- Efficient, low-cost disposal
- Bio-security – no carcass transfers
- Simple on-site installation
- Controlled environmental emissions
- Low maintenance costs



VOLKAN 300E – specifications at a glance

Chamber Volume	0.85m ³
Load Capacity	up to 300 kg
Load Method	Front
Fuel Options	Diesel, LPG, Natural Gas, Bio-fuel
Electricity Supply	230 volt required
Weight	3.2 tonnes
Fuel Consumption (Typical)*	LPG: 6 to 8 litres per hour Natural Gas: 7 to 9 Nm ³ /hr Diesel: 6 to 8 litres per hour
Dimensions	1.3m(l) x 1.75m(w) x 2.7m(h)

*Figures based on typical figures gained from an average burn cycle.
Waste Spectrum Environmental Ltd continually strives to improve its products and therefore reserves the right to introduce modifications to their product range without notice.

VOLKAN™

HIGH-EFFICIENCY INCINERATORS

www.VOLKANincinerators.com



VOLKAN 300E series

technical specifications

Model and Overview

VOLKAN 300E – a medium-capacity, powerful incinerator, ideal for medium volume incineration.

Waste Type and Burn Rate

Designed specifically for use by poultry farmers, sheep farm owners, game keepers, abattoirs and for pet cremation. The incinerator will burn up to 50kg of waste per hour.

Construction

Mild steel welded fabrication consisting of sheet steel and structural section supports.

Lining

Monolithic high grade refractory concrete with high grade insulation backing.

Burner/Burners

Fully automatic, high-efficiency burners with electronic ignition, flame recognition and combustion control devices fitted.

Loading – Ash removal

Manual ash removal from the primary chamber. (Ash doors are available on request).

Exterior finish

Multi-coat high quality, high-temperature aluminium enamel top coat paint, finished in silver.

Control

Fully automatic sequential control provided by internal PLC system providing control of:

1. Secondary chamber pre-heat
2. Burn cycle (variable)
3. Cool down cycle

Fuel Options

Diesel, LPG, Natural or Bio Gas.

Typical Fuel Consumption*

Diesel: 6 / 8 litres per hour
Liquid Propane Gas: 6 / 8 litres per hour
Natural Gas: 7 / 9 Nm³ per hour

Electrical supply

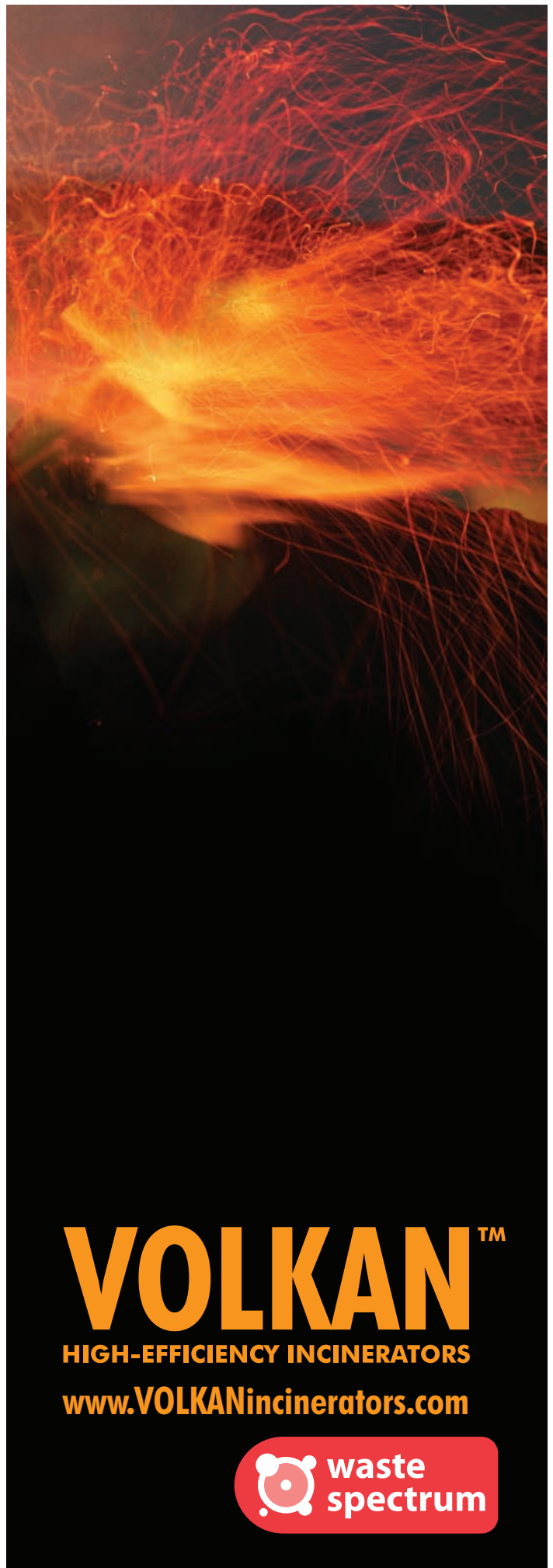
240volt 16 amp.

Key Specifications

Chamber Volume 0.85m³:
1.1m (l) x 0.9m(w) x 0.8m(h)
Load Capacity up to 300kg
Burn Rate up to 50kg per hour
Load Method Front
Weight: up to 3.2 tonnes

Dimensions 1.3m(l) x 1.75m(w) x 2.7m(h)

*Figures based on typical figures gained from an average burn cycle.
Waste Spectrum Environmental Ltd continually strives to improve its products and therefore reserves the right to introduce modifications to their product range without notice.



VOLKAN™

HIGH-EFFICIENCY INCINERATORS

www.VOLKANincinerators.com



**waste
spectrum**

VOLKAN™

HIGH-EFFICIENCY INCINERATORS

www.VOLKANincinerators.com



VOLKAN 300E series

