

Volkan 400 M



Designed, engineered and manufactured at our Worcester production facility in the UK the Volkan 400 M is a medium capacity top loading incineration system for the clean, quick and biosecure disposal of clinical and medical waste including type 4 pathological waste (red bag waste).

Extremely robust and constructed using the highest quality materials the Volkan 400 M is fuel efficient and easy to operate making it ideal for use by primary medical services, hospitals, surgical units, private cosmetic surgery practices and veterinary practices.

As with all models in the Volkan Range the Volkan 400 M is supplied with an integral secondary chamber as standard and fully conforms to EU By-Products Regulation (ABPR) (EC) No 142/2011.

Due to the nature of the waste streams and dependent upon local legislation, it may be necessary to include additional emissions control as this falls under IED (formerly known as WID) regulations, if this is required then Waste Spectrum can provide you with further information plus energy recovery options, if required



Volkan 400 M

Ideally Suited For:

- Veterinary Waste
- Medical Waste

- Type 4 Pathological Waste
- Bandages and Dressings
- Needles / sharps
- Infected bedding

Machine Construction

Integral to each model in the Volkan Range is the unique Waste Spectrum monolithic casting system:

- Ensures maximum strength and reliability in comparison to bricked linings
- Materials expand and contract at the same rate as opposed to bricks and mortar
- Insulating board is used to reduce heat loss
- Maintains an even working temperature for the refractory
- Our Stainless Anchor System maintains the integrity of the lining



Volkan 400 Metal Hearth Bar

For more information contact:

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SPECIFICATIONS

Burn rate	UP TO 40kg/hr
Front or top loading	Top
Overall size (L x W x H)	2.8 x 1.6 x 4.1 m
Fuel consumption	
Diesel	Variable*
LPG	Variable*
Fire bars	Optional
External height (excluding standard stack)	3155 mm
External height (including standard stack)	4145 mm
Standard stack diameter (2D Size)	10"
Door opening (L x W)	788 x 707 mm
Load height	900 mm
Chamber size (L x W x H)	1.4 x 0.8 x 0.7 m
Chamber volume	0.71 m ³
Chamber load volume	0.42 m ³
Chamber load capacity	Up to 240kg/m ³
Chamber capacity	400kg/m ³
Total weight	2.4 Tonne
Concrete pad size (L x W)	4.8 m x 3.6 m
Electrical supply requirements	Single phase 16A 230VAC 50/60Hz
Burner output (KW)	147
Electric consumption (KW/hr)	0.25

Features

- Easy to operate – Full training provided
- Top loading design provides easy access via a counterbalance lid
- Temperature controlled pulse fired burners for optimal efficiency
- Low thermal mass linings for minimal heat loss
- PLC timer controls with automatic burner shut off function and rapid ignition pulse fired burners for low running costs
- Burns up to 50kgs an hour
- Static or mobile options available
- Can be loaded whilst in operation, maximising the inherent thermal efficiency of our monolithic lining
- Electrical Supply – works on a single phase 16 Amp 230-volt supply, fitted with a 3 pin round Euro plug
- A stainless steel, single skin exhaust stack is supplied as standard
- * Fuel Consumption is variable and based upon differing waste types

Ask about our custom built solution

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