

Volkan 750 M



Designed, engineered and manufactured at our Worcester production facility in the UK the Volkan 750 M is a large capacity top loading incineration system designed 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 750 M is fuel efficient and easy to operate, ideally suited for operations managing daily waste flows generated from primary medical services, hospitals, surgical units, private cosmetic surgery practices and veterinary practices.



Volkan 750

As with all models in the Volkan Range the Volkan 750 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.



Optional metal hearth bars can:

- Combat the moisture content of sheep by preventing the waste from sitting in the liquid.
- Increase the flow of oxygen throughout the chamber for increased efficiency when burning dense waste types such as poultry.

Ideally Suited For:

- Type 4 pathological waste (red bag)
- Surgical waste
- Needles
- Sharps bins

- Bandages / dressings / tissues / bedding
- Blood / plasma / flesh
- Body parts/ flesh / infected bodies
- Laboratory waste
- Samples and test tubes

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

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)	2.3 x 3.2 x 3.1 m
Fuel consumption	
Diesel	7 – 10 Litres Per Hour
LPG	10 – 15 Litres Per Hour
Fire bars	No
External height (excluding standard stack)	2198 mm
External height (including standard stack)	3101 mm
Standard stack diameter (2D Size)	16"
Door opening (L x W)	2192 x 892 mm
Load height	985 mm
Chamber size (L x W x H)	2.2 x 0.9 x 0.8 m
Chamber volume	1.57 m ³
Chamber load volume	0.84 m ³
Chamber load capacity	470kg
Chamber capacity	870kg
Total weight	3 Tonne
Concrete pad size (L x W)	4.3 m x 5.2 m
Electrical supply requirements	Single phase 16A 230VAC 50/60Hz
Burner output (KW)	167
Electric consumption (KW/hr)	0.3

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
- Two pulse fired burners located in main chamber for optimum efficiency
- Supplied with higher grade concrete to withstand increased temperatures and the abrasive nature of medical waste.
- 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 40kgs an hour
- 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

Ask about our custom built solution

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