

Volkan 150 G



Highly reliable and versatile, the Volkan 150 G is a top loading incinerator ideally suited for disposal of general waste generated by businesses and households. The Volkan 150 G can dispose of all organic or inorganic waste streams except stone, steel or glass. As with all models in the Volkan Range the Volkan 150 G is supplied with an integral secondary chamber as standard and fully conforms to EU By-Products Regulation (ABPR) (EC) No 142/2011.

Designed, engineered and manufactured at our Worcester production facility in the UK the Volkan 150 G is designed for those requiring a regular incineration facility.

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 (formally known as WID) regulations, if this is required then Waste Spectrum can provide you with further information plus energy recovery options, if required.



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

Ideally Suited For:

- Hotel waste
- Remote camp waste
- Domestic waste
- Manufacturing waste
- Community waste
- Municipal waste (MSW)
- Mining waste
- Wood/Paper

For more information contact:

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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
- Supplied with higher grade concrete to withstand increased temperatures and the abrasive nature of general 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 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

Specification*

Specification - Metric	Unit	Volkan 150
Burn Rate	Up to kg/hr	50
Front / Top Load		Top
Static Operational Dimensions (LxWxH)	m	1.4 x 1.4 x 2.8
Mobile Operational Dimensions (L x W x H)	m	3.8 x 1.6 x 3.1
External Height - Static	mm inc. Stack	2751
External Height - Static	mm ex. Stack	2323
Weight	Tonne	0.826
Mobile Weight	Tonne	1.47
Concrete Pad Size (L x W)	m	3.5 x 3.5
Fuel Consumption	Diesel - LPH	4 - 6
Fuel Consumption	LPG - LPH	5 - 9
Fuel Consumption	Nat Gas m ³ /h	4 - 6
Hearth Bars		No
Load Door Width	mm	625
Load Door Height/Depth	mm	380
Door Opening (W x H)	mm	625 x 380
Chamber Size (LxWxH)	m	0.7 x 0.6 x 0.6
Chamber Actual Volume	m ³	0.26
Chamber Load Volume	m ³	0.17
Chamber Load Capacity	kg	100
Std Stack Diameter	inch	8
No. Main Burners		1
No. Secondary Burners		1
Burner Output kW	kW	102
Electric Consumption	kW	0.2

Specification - Imperial	Unit	Volkan 150
Burn Rate	Up to lbs/hr	111
Operational Dimensions (LxWxH)	Feet	4.7 x 4.4 x 9.0
External Height	inch inc. stack	108.31
External Height	inch ex. stack	91.46
Weight	lbs	1822
Mobile Weight	lbs	3241
Chamber Actual Volume	ft ³	9.19
Chamber Load Volume	ft ³	6.16
Chamber Load Capacity	lb/ft ³	6
Burner Output	Btu	348038
Fuel Consumption	Diesel US GPH	1.1 - 1.6
Fuel Consumption	LPG US GPH	0.7 - 2.4
Fuel Consumption	Nat Gas ft ³ /h	153 - 216

Ask about our custom built solutions

*All specifications are based on the standard Volkan 150 model and may not be representative of the model variant displayed. For further information please speak to our team.