

# The Volkan 200



As the slightly larger version of the 150, the Volkan 200 is the ideal incinerator for those requiring regular incineration for small to medium amounts of Animal-By-Product waste. Suitable for managing the disposal of waste across various commercial operations, the Volkan 200 is an incinerator capable of ensuring regular throughputs of animal waste are disposed of in a quick and bio-secure manner.

As with all models in the Volkan Range, the Volkan 200 is supplied with an integral secondary chamber, ensuring it fully conforms to EU By-Products Regulation (ABPR) (EC) No 142/2011, DEFRA Regulations and many other legislative bodies around the world.

## Key Features:

- Monolithic Lining
- Easy to operate top loading counterbalance lid, provides maximum access to the main chamber
- 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/111lbs an hour
- Can be loaded whilst in operation, maximising throughput whilst utilising the inherent thermal efficiency of our monolithic lining

## Ideally Suited For:

- Poultry
- Sheep – Lambs or Ewes, with the ability to hold up to 2 Ewes
- Game Farms
- Estates
- Farm shops
- Butchers
- Kennels
- Catteries
- Animal Sanctuaries

## Optional Features:

- Ash Door
- Ash Rake
- Metal Hearth
- Stack Extension
- USB Data Logger
- Heat Exchanger



\*Image shown is of optional Ash Door

# The Volkan 200 Specifications



| Specifications                           | Unit - Metric                           |                 | Unit - Imperial                          |                     |
|--|---|-----------------|--|---------------------|
| Burn Rate                                | Up to kg/hr                             | 50              | Up to lbs/hr                             | 111                 |
| Front / Top Load                         |   | Top             |  | Top                 |
| Static Operational Dimensions (LxWxH)    | m *inc Standard Stack                   | 2.2 x 1.6 x 3.5 | feet/inch *inc Standard Stack            | 7'1" x 5'1" x 11'7" |
| External Height - Static                 | mm *inc. Stack                          | 3520            | feet/inch *inc. Stack                    | 11'7"               |
| External Height - Static                 | mm *ex. Stack                           | 2530            | feet/inch *ex. Stack                     | 8'4"                |
| Weight                                   | Tonne *estimated                        | 2               | lbs *estimated                           | 4410                |
| Concrete Pad Size (L x W)                | m *recommended                          | 4.2 x 3.6       | feet/inch *recommended                   | 13'8" x 11'8"       |
| Fuel Consumption Diesel                  | LPH *est during main burn               | 6-8             | GPH *est during main burn                | 1.5 - 2.1           |
| Fuel Consumption LPG                     | LPH *est during main burn               | 7-12            | GPH *est during main burn                | 1.2 - 3.2           |
| Fuel Consumption Nat Gas                 | m <sup>3</sup> /h *est during main burn | 6-8             | ft <sup>3</sup> /h *est during main burn | 199 - 282           |
| Metal Hearth                             |   | Optional        |  | Optional            |
| Load Door Opening (Width x Height/Depth) | mm *area                                | 788 x 707       | ft/inch *area                            | 2'7" x 2'4"         |
| Chamber Size (LxWxH)                     | m                                       | 1.1 x 0.8 x 0.7 | ft/inch                                  | 3'5" x 2'6" x 2'3"  |
| Chamber Actual Volume                    | m <sup>3</sup>                          | 0.53            | ft <sup>3</sup>                          | 19                  |
| Chamber Load Volume                      | m <sup>3</sup>                          | 0.31            | ft <sup>3</sup>                          | 11                  |
| Chamber Load Capacity                    | kg                                      | 180             | lbs                                      | 397                 |
| Std Stack Diameter                       | inch/mm *2D size                        | 10"             | inch *2D size                            | 10"                 |
| No. Main Burners                         |   | 1               |  | 1                   |
| No. Secondary Burners                    |   | 1               |  | 1                   |
| Burner Output kW                         | kW *heat                                | 133             | Btu *heat                                | 453,815             |
| Electric Consumption                     | kW *electric                            | 0.25            | kW *electric                             | 0.25                |

## The Waste Spectrum Way:

Here at Waste Spectrum, we do things a little differently.

- Each machine is hand crafted by our team of industry experts at our workshop in the Heart of England.
- Integral to our machines quality is the monolithic casting system, a technology that is unique to the Waste Spectrum brand. The monolithic casting system ensures maximum strength and reliability as the materials can expand and contract at the same rate, unlike brick lined machines. The insulation board reduces heat loss and the stainless anchor system maintains the integrity of the lining.
- The Waste Spectrum monolithic casting system ensures the longevity and reliability of our machines, as they can achieve high temperatures without posing risk to the machines structural integrity.
- Behind the Waste Spectrum brand is a team of experts who are always on hand to discuss any queries or questions that you may have about incineration.



Internal Chamber View



Optional: Ash Door