

Volkan 400 AC



The Volkan 400 AC is a DEFRA 'Type Approved' medium capacity top loading incinerator designed as a purpose built model for Aquaculture operations. All models in the Volkan Range are supplied with integral secondary chambers and fully conform to EU By-Products Regulation (ABPR) (EC) No 142/2011.

Designed, engineered and manufactured at our Worcester production facility in the UK the Volkan 400 AC incinerator is built using a resilient marine standard silicon enamel paint finish to withstand harsh environments.

The Volkan 400 AC is perfect for adapting to the variable throughput of a medium size Aquaculture operation, either for smaller fish waste and eggs or for managing the day-to-day stock mortalities resulting from disease or an environmental event.



Volkan 400



Fish basket

Ideally Suited For:

- Fish farms

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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Volkan 400 AC



SPECIFICATIONS

Burn rate	UP TO 50kg/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	6 – 9 Litres Per Hour
LPG	8 – 13 Litres Per Hour
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	240kg
Chamber capacity	400kg
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
- Resilient marine standard silicon enamel paint finish to withstand harsh environments
- Specifically designed metal basket available to contain smaller fish waste and eggs ensuring all waste is reduced to inert ash
- 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

Ask about our custom built solution

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