

The Volkan 400 AC



The Volkan 400 AC is a small to medium capacity top-loading incinerator designed as a purpose built model, for Aquaculture operations and smaller fisheries. Used in conjunction with the optional metal hearth bar configuration and fish basket, it works for all sizes of fish. Its main chamber is easily accessed through its top-loading counterbalance lid, enabling users to easily load up to 240kg of waste.

As with all models in the Volkan Range, the Volkan 400 AC 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:

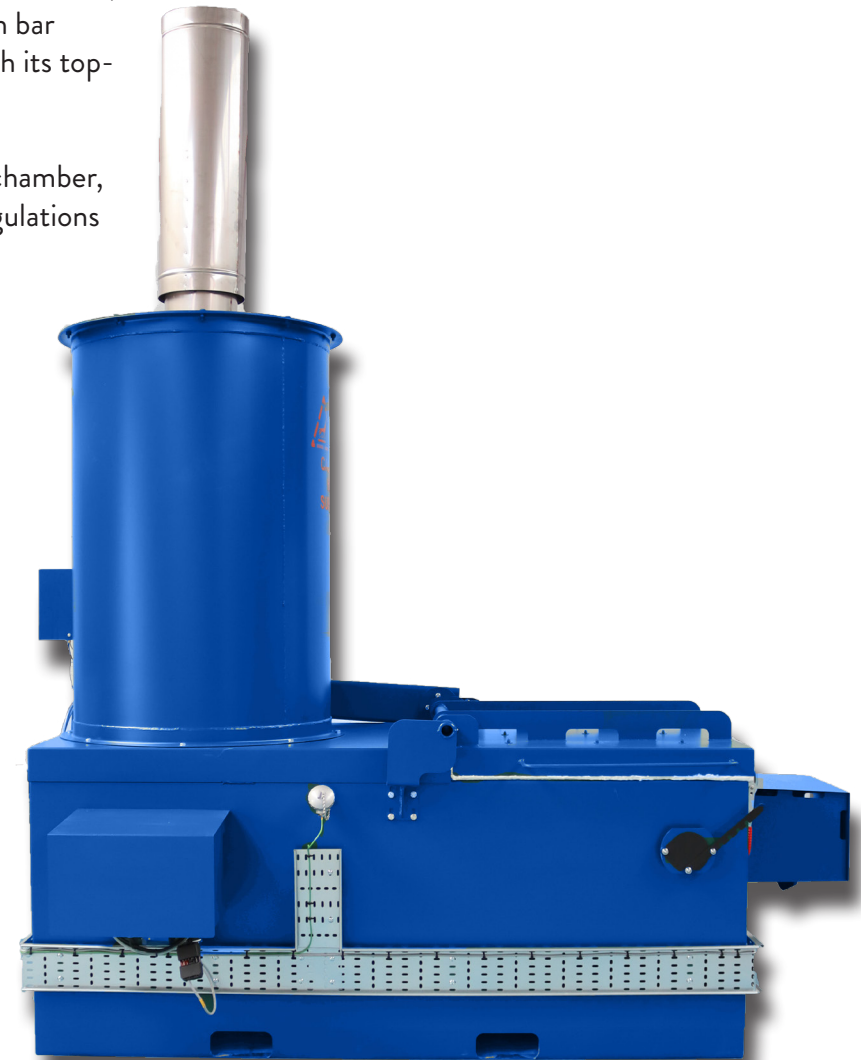
- Monolithic Lining
- Marine standard silicone enamel paint finish, capable of withstanding harsh environments
- Top loading counterbalance lid, providing easy access to the main chamber
- Temperature controlled pulse fired burners for optimal efficiency
- Low thermal mass linings for minimal heat loss
- PLC timer controls with automatic burner shut off function and rapid ignition pulse fired burners for low running costs
- Burns up to 50kgs/111 lbs an hour
- Can be loaded whilst in operation, maximising throughput whilst utilising the inherent thermal efficiency of our monolithic lining
- IP66/67 Control Panel

Ideally Suited For:

- Small, Commercial Fisheries
- Aquaculture Operations

Optional Features:

- Basket (For Smaller Fish or Fish Eggs)
- Metal Hearth
- Ash Door
- Ash Rake
- Stack Extension
- USB Data Logger
- Heat Exchanger



The Volkan 400 AC 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	2.8 x 1.6 x 3.5	feet/inch *Inc Standard Stack	9'3" 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	2.3	lbs *estimated	5071
Concrete Pad Size (L x W)	m *recommended	4.8 x 3.6	feet/inch *recommended	15'10" x 11'8"
Fuel Consumption Diesel	LPH *est during main burn	6 - 9	GPH *est during main burn	1.6 - 2.3
Fuel Consumption LPG	LPH *est during main burn	8 - 13	GPH *est during main burn	1.5 - 3.5
Fuel Consumption Nat Gas	m ³ /h *est during main burn	6 - 9	ft ³ /h *est during main burn	220 - 311
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	1.4 x 0.8 x 0.7	ft/inch	4'7" x 2'6" x 2'3"
Chamber Actual Volume	m ³	0.71	ft ³	25
Chamber Load Volume	m ³	0.42	ft ³	15
Chamber Load Capacity	kg	240	lbs	529
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 *heat	147	Btu *heat	501,585
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 View