Productinfo

Lildal
Part of LM-Group

Incinerator

Incinerator erected in Israel

Process

Input: Non-condensable gases and ventilation air

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LILDAL Incinerator

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Output: Air free of odour

Design Features	Customer Benefits
Compact construction w. integrated fan and chimney	Minimal space requirement
Incineration chamber made with turbulator	Secures an optimal burning of the smelly gas/air
Optional: Oil, Gas and Bio-fuel	Low fuel costs
Secondary air intake on suction side of fan	Optimization of the air stream to chamber
Regulating valve on suction side of fan	Optimization of the inlet pressure to chamber
High chimney	Dilution of the incinerated air

Designed for

Processing animal offal at increased temperature will create smelly odours that will annoy the surroundings.

The vapours created in machinery working at increased temperature must be condensated and in that process will most of the odours be eliminated.
But there will always be a remain called Non-condensable gases that has to be treated.
Another odour source is the processing rooms where the rendering machinery is placed.
The ventilation air coming from here has to be treated in order to avoid odours to enter the surrondings just by opening a door to the outside.

A very effective solution is to incinerate the Non-condensable gases and the ventilation air in our LILDAL Incinerator

The LILDAL Incinerator is designed to burn the smelly air and gases at a temperature of 800 ºC for 1 second which is the most effective temperature and retention time to burn them at.
This combined with a high chimney where the outlet air from the Incinerator will be diluted with the surronding air and by that give a very effective elimination of the smelly odours.

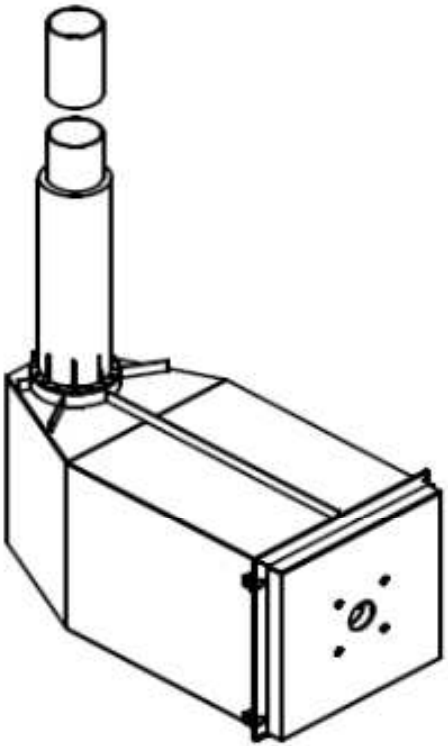
Distributor/ Agent

Productinfo

Incinerator, continued

Technical specifications

Dimensions
The chamber will be customized
for each project in order to achieve
the optimal burning of the gases/
process air.
The chamber will then be dimensioned
to retention the gases process air
for 1 second at 800 ºC
We will because of that need the
following information from you.
- Specification of rendering process
- If ventilation air need to be burned
will we need ventilation flow in m^3
Capacity
Please ask and we will customize an
Incinerator that meets your needs



Sketch of Incinerator chamber

Configuration

Standard
Integrated chimney
Integrated fan
Effective burner from European
manufacturer in order to miminize
the customers fuel costs
Ring formed gas/air inlet chamber for
optimal feed to Incinerator chamber
Shield between flame and air inlet
for optimal burning
Turbulator for optimal mixing of
gas/air with flame gases

Certification

Determination of odour value can be
done in acc. with A.S.T.M. D1391-57

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