



"YF-Series Animal Incinerator"

Our Animal Incinerator, a Critical Solution in Veterinary and Environmental Management;

Our YF-Series animal incinerator provides safe and efficient disposal of animal corpses and biological waste generated in various locations such as veterinary practices, animal farms, laboratories and animal shelters. Our incinerator plays an important role in preventing the spread of animal diseases, minimizing environmental pollution and ensuring hygienic conditions. Animal carcasses, infected materials and biological waste are completely destroyed by incineration at high temperatures to prevent the spread of diseases. Proper disposal of animal waste prevents environmental pollution and helps to conserve natural resources. Disposing of animal carcasses and biological waste in hygienic conditions protects human and animal health. Many countries have strict regulations for the disposal of animal waste. Our animal incinerator ensures compliance with these regulations.

Our animal incinerators are available in various capacities and specifications. High operating temperatures ranging between 800-1200°C ensure complete combustion of animal waste. Complete combustion is ensured with a minimum gas retention time of 2 seconds. A more efficient combustion process is realized with a double combustion chamber (primary and secondary). Stainless steel chimney provides durability and long life. Can run on natural gas or fuel oil. Dual fuel operation can also be preferred. Animal loading can be done manually, by crane or fully automatic feeding system. Reliable burner brands such as Ecoflam and Riello are used in our incinerator. Different burner brands can be used according to customer preference.

YF-Series Animal Incinerator Advantages;

Complete incineration of animal and animal waste at high temperatures ensures the safe destruction of harmful microorganisms and toxic substances. The highly efficient incineration process ensures fast and efficient disposal of animal waste. Leaves less end product than other methods. There is no possibility of contamination of the final product and no risk of viruses or bacteria in the flue gas. It is produced using materials that are resistant to high temperatures and long-lasting. Our oven works reliably for long periods of time.



Combustion Control System

Provides air supply and temperature control to optimize the combustion process. Primary and secondary air supply systems are available.

Safe Disposal

The complete incineration of animals at high temperatures ensures the destruction of harmful microorganisms and toxic substances.

Environmentally Friendly

With advanced gas cleaning systems, emissions are kept to a minimum and the environment is not harmed.

High Efficiency

The highly efficient incineration process ensures fast and efficient disposal of waste.

Amount of Waste Reduced

Leaves less end product than other methods. There is no possibility of contamination of the final product and no risk of viruses or bacteria in the flue gas.

Durability and Longevity

They are manufactured using materials that are resistant to high temperatures and have a long service life. This ensures reliable operation of the ovens for a long time.

Health and Environmental Safety

Safe disposal of hazardous waste minimizes environmental and health risks.

Technical Specifications

MODEL	CAPACITY (KG/S)	CHIMNEY WASHING	BRUULDER
YF-50H	50	-	ECOFLAM-RIELLO
YF-80H	80	-	ECOFLAM-RIELLO
YF-100H	100	-	ECOFLAM-RIELLO
YF-150H	150	-	ECOFLAM-RIELLO
YF-200H	200	-	ECOFLAM-RIELLO
YF-300H	300	-	ECOFLAM-RIELLO
YF-500H	500	-	ECOFLAM-RIELLO
YF-1000H	1000	-	ECOFLAM-RIELLO



YF-Series Animal Incinerator Performance and Efficiency;

Gas Retention Time

Full combustion is ensured with a minimum gas hold time of 2 seconds.

Combustion Chambers

A more efficient combustion process is realized with a double combustion chamber (primary and secondary).

Safe Disposal

The complete incineration of animals at high temperatures ensures the destruction of harmful microorganisms and toxic substances.

Environmentally Friendly

Thanks to the second combustion chamber, emissions are kept to a minimum and the environment is not harmed.

Chimney Washing Systems;

Our chimney washing systems are systems that purify the gases coming out of animal incinerators. It minimizes the emissions released to the environment by filtering the gases and particles formed during the incineration process. It reduces the particle density in the atmosphere by capturing fine particles that can cause air pollution. Optionally, energy efficiency can be increased by providing heat recovery from flue gases.

YF-Series Animal Incinerator Application Areas and Waste Types;

In veterinary clinics, dead animals and biological waste are disposed of in these ovens to prevent the spread of animal diseases and ensure hygienic conditions. The safe disposal of dead animals and biological waste ensures a hygienic and healthy environment on farms. Biological waste from animal experiments and research in laboratories is safely disposed of in our animal incinerator. Bodies of animals that die in shelters are disposed of in our incinerator to prevent the spread of diseases.



Automatic Loading;

Our automatic loading systems ensure a continuous supply of animal waste to the incinerator. This guarantees uninterrupted furnace operation and maximum efficient combustion. The animal waste is distributed homogeneously inside the incinerator. This ensures that the combustion process is more efficient and that all waste burns evenly. Provides a safe working environment by reducing direct contact of operators with animal waste during manual feeding. Our automated loading systems minimize the risk of operator exposure to hazardous waste. Manual feeding processes can be time consuming and labor intensive. Our automated loading systems speed up these processes, saving labor and allowing operators to attend to other important tasks. The crane system ensures that cattle are fed into the kiln in an organized and controlled manner.

Automatic Ash Discharge;

Our incinerator safely and efficiently processes animals and animal waste, resulting in a large amount of ash. Regular and safe ash discharge is critical to the efficient operation of the incinerator and operator safety. Our automatic ash discharge systems automate this process, improving efficiency and safety.

OPTIONAL FEATURES

- Pre-shredding Machine
- Heat Recovery System
- Automatic Loading
- Automatic Ash Discharge
- Wet Chimney Flushing System
- Dry Chimney Washing System
- Semi-Dry Chimney Flushing System
- Gas Filtration System
- Emission Monitoring System
- Production in Different Capacities
- Different Brand Burners
- Loading with Crane



FREQUENTLY ASKED QUESTIONS (FAQ)

WHAT IS AN ANIMAL INCINERATOR?

An animal incinerator is a device for the safe and efficient disposal of animal corpses and biological waste by incineration at high temperatures. These ovens are used in veterinary clinics, animal farms, laboratories and animal shelters.

HOW DO ANIMAL INCINERATORS WORK?

Animal corpses and biological waste are loaded into the incinerator and burned in the combustion chamber at high temperatures. Harmful microorganisms and toxic substances formed during the combustion process are completely destroyed. Emissions are kept to a minimum thanks to advanced gas cleaning systems.

WHAT KIND OF WASTE CAN ANIMAL INCINERATORS BURN?

Animal corpses, biological waste, infected materials, laboratory waste, waste from veterinary practices

WHAT IS THE TEMPERATURE RANGE OF ANIMAL INCINERATORS?

Animal incinerators usually operate between 850°C and 1100°C. These high temperatures ensure complete combustion of the waste and the destruction of harmful microorganisms.

HOW DO GAS CLEANING SYSTEMS WORK IN ANIMAL INCINERATORS?

Gas cleaning systems filter harmful gases and particles produced during combustion, minimizing emissions to the environment. Different methods can be used, such as wet, dry and semi-dry washing systems.

WHAT IS THE CAPACITY OF ANIMAL INCINERATORS?

The capacity of animal incinerators varies according to the model. For example, the capacity of YF series furnaces varies between 50 kg/hour and 1000 kg/hour.

WHAT IS THE AUTOMATIC LOADING SYSTEM AND HOW DOES IT WORK?

The automatic loading system ensures that animal waste is continuously fed into the furnace. This system guarantees a homogeneous distribution of the waste and the efficiency of the combustion process. It also increases safety by reducing operators' direct contact with hazardous waste.

WHAT IS AN AUTOMATIC ASH DISCHARGE SYSTEM AND HOW DOES IT WORK?

The automatic ash discharge system ensures that the ash generated by the combustion process is discharged regularly and safely. This system improves the efficient operation of the furnace and operator safety.

DO ANIMAL INCINERATORS HARM THE ENVIRONMENT?

Animal incinerators keep emissions to a minimum and ensure safe disposal of waste without harming the environment thanks to advanced gas cleaning systems. These systems prevent the release of harmful gases and particles into the environment.

HOW TO MAINTAIN ANIMAL INCINERATORS?

The furnace should be checked and maintained regularly. The furnace and chimney systems must be cleaned regularly. Worn or damaged parts must be replaced in a timely manner. Gas cleaning systems require regular maintenance and cleaning to ensure effective operation.

WHICH BRAND BURNERS ARE USED IN ANIMAL INCINERATORS?

Reliable burner brands such as Ecoflam and Riello are generally used in animal incinerators. Different burner brands can also be used according to customer preference.

ARE ANIMAL INCINERATORS AVAILABLE IN DIFFERENT CAPACITIES?

Yes, animal incinerators are produced in different capacities. The YF series furnaces are available in capacities ranging from 50 kg/h to 1000 kg/h.

WHICH STANDARDS ARE ANIMAL INCINERATORS PRODUCED IN ACCORDANCE WITH?

Animal incinerators are manufactured in accordance with national and international environmental and health safety standards. These standards set requirements for emission control, safe disposal and environmental protection.