



ENVIRONMENTAL  
COMBUSTION  
TECHNOLOGIES

**ECOPET**  
CREMATORS

# MULTI-PET

## RANGE & TECHNICAL SPECIFICATIONS



**ENVIRONMENTAL COMBUSTION TECHNOLOGIES LTD**

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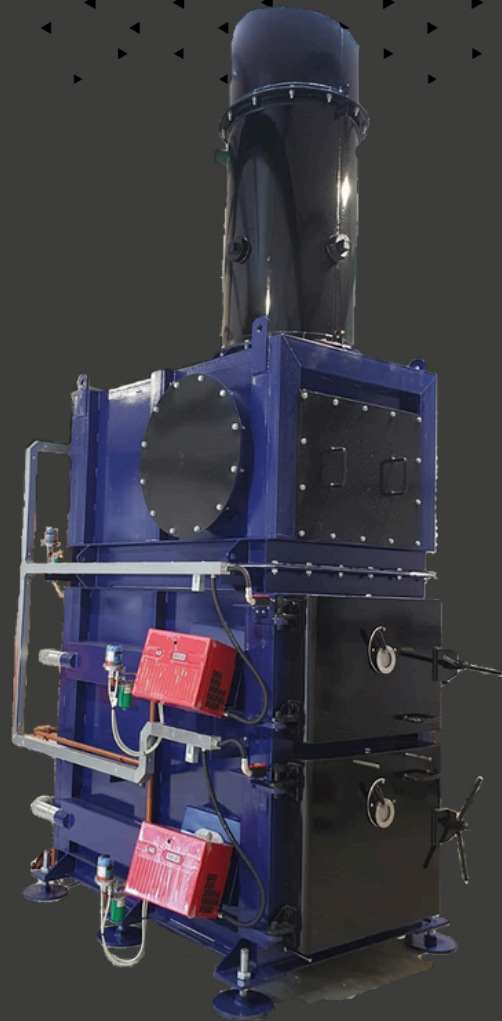
# ECO PET 2

The ECO Pet 2 is a state-of-the-art individual chambered pet cremator designed to provide a premium cremation solution for small to medium-sized pet crematoriums. This compact yet powerful unit is engineered for efficiency, quality, and environmental responsibility, making it an ideal choice for operators seeking to deliver respectful and reliable pet cremation services.

The ECO Pet 2 is more than just a pet cremator; it is a commitment to quality, economy, and environmental stewardship. Its combination of efficiency, compact design, and superior performance makes it the perfect solution for pet crematoriums looking to provide top-tier services while minimising their environmental impact.

## DESIGN FEATURES

- Nominal throughput up to 50kg per hour.
- Fully automated PLC controls for simple, efficient operation.
- Hot hearth combustion chamber with automatic temperature control and complete with combustion air fans.
- Designed to allow an optional chamber to be added.
- Compliant under the EU Animal Byproduct Regulation Compliant with DEFRA.
- Multi layer insulation and refractory, providing the best thermal efficiency.
- Increase your productivity with an optional add-on cremation chamber. This allows for more flexibility and maximum productivity.
- Additional Chamber has oxygen control which improves fuel consumption.
- Remote access to allow offsite operation.





# ECO PET 2

## KEY BENEFITS

- **Superior Quality:** The ECO Pet 2 is crafted with precision, utilising high-grade materials and advanced manufacturing techniques. Its robust construction ensures long-lasting performance and reliability, even in high-demand environments.
- **Economical Operation:** Designed with energy efficiency in mind, the ECO Pet 2 minimises fuel consumption, reducing operational costs without compromising on performance. This economical approach ensures that your cremation services remain cost-effective while maintaining high standards.
- **Compact Footprint:** With a small footprint, the ECO Pet 2 is ideal for facilities with limited space. Its compact design allows for easy installation and operation in a variety of settings, making it a versatile addition to any pet crematorium.
- **Environmentally Approved:** The ECO Pet 2 meets stringent environmental standards, featuring a two-second residence time in its secondary combustion chamber. This ensures complete combustion and minimal emissions, helping you operate in compliance with global environmental regulations.

## SPECIFICATIONS

MODEL	BURN RATE (KG)	L (MM)	W (MM)	H (MM)	WEIGHT (TONNES)	CHIMNEY (MM)
ECOPET 2	50	2910	1817	2951	7.2	7000

CONTROL PANEL	FUEL	ELECTRICAL	CREMATOR BURNER(S)	SECONDARY BURNER(S)
PLC CONTROL PANEL	LPG, NATURAL GAS OR KEROSENE	220/400 VOLT, SINGLE/THREE PHASE, 50/60HZ, 16 AMP	4	1



# ECO PET 4

The ECO Pet 4 is a state-of-the-art individual chambered pet cremator designed to provide a premium cremation solution for small to medium-sized pet crematoriums. This compact yet powerful unit is engineered for efficiency, quality, and environmental responsibility, making it an ideal choice for operators seeking to deliver respectful and reliable pet cremation services.

The ECO Pet 4 is more than just a pet cremator; it is a commitment to quality, economy, and environmental stewardship. Its combination of efficiency, compact design, and superior performance makes it the perfect solution for pet crematoriums looking to provide top-tier services while minimising their environmental impact.

## DESIGN FEATURES

- Nominal throughput up to 100kg per hour.
- Fully automated PLC controls for simple, efficient operation.
- Designed for maximum productivity with up to 6 individual cremation chambers.
- Compliant under the EU Animal Byproduct Regulation Compliant with DEFRA.
- Multi layer insulation and refractory, providing the best thermal efficiency.
- Hot hearth combustion chamber with automatic temperature control and complete with combustion air fans.
- Manufactured In Great Britain.
- Increase your productivity with an optional 2 additional add on cremation chambers. This allows for more flexibility and maximum productivity.
- Additional chambers have oxygen control which improves fuel consumption.
- Remote access to allow off site operation.
- Two-second residence time in its secondary combustion chamber.





# ECO PET 4

## KEY BENEFITS

- **Superior Quality:** The ECO Pet 4 is crafted with precision, utilising high-grade materials and advanced manufacturing techniques. Its robust construction ensures long-lasting performance and reliability, even in high-demand environments.
- **Economical Operation:** Designed with energy efficiency in mind, the ECO Pet 4 minimises fuel consumption, reducing operational costs without compromising on performance. This economical approach ensures that your cremation services remain cost-effective while maintaining high standards.
- **Compact Footprint:** With a small footprint, the ECO Pet 4 is ideal for facilities with limited space. Its compact design allows for easy installation and operation in a variety of settings, making it a versatile addition to any pet crematorium.
- **Environmentally Approved:** The ECO Pet 4 meets stringent environmental standards, featuring a two-second residence time in its secondary combustion chamber. This ensures complete combustion and minimal emissions, helping you operate in compliance with global environmental regulations.

## SPECIFICATIONS

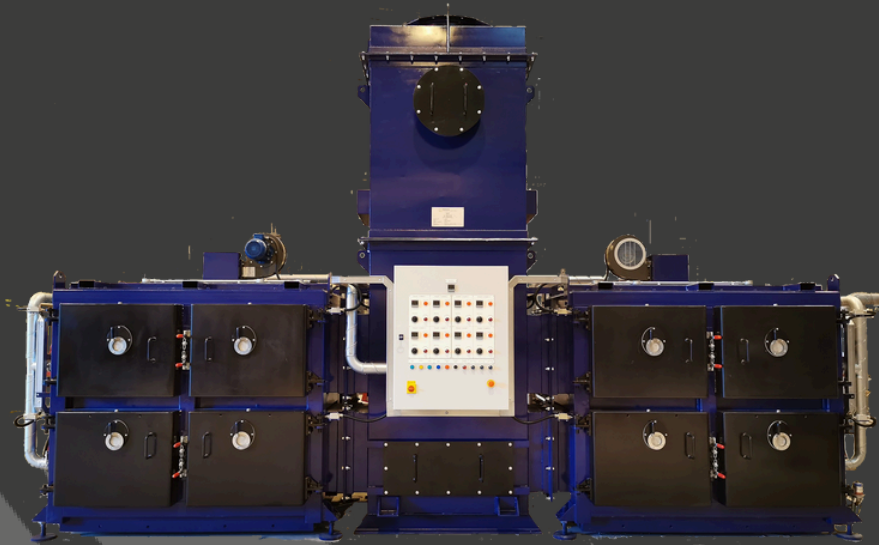
MODEL	BURN RATE (KG)	MAX LOAD (KG)	L (MM)	W (MM)	H (MM)	WEIGHT (TONNES)	CHIMNEY (MM)
ECOPET 4	50 (PER CHAMBER)	150 (PER CHAMBER)	2940	2800	4042	15.5	7000
CONTROL PANEL		FUEL	ELECTRICAL		CREMATOR BURNER(S)	SECONDARY BURNER(S)	
PLC CONTROL PANEL		LPG, NATURAL GAS OR KEROSENE	220/400 VOLT, SINGLE/THREE PHASE, 50/60HZ, 16 AMP		4	1	



# ECO PET 8

The ECO Pet 8 is a state-of-the-art individual chambered pet cremator designed to provide a premium cremation solution for small to medium-sized pet crematoriums. This compact yet powerful unit is engineered for efficiency, quality, and environmental responsibility, making it an ideal choice for operators seeking to deliver respectful and reliable pet cremation services.

The ECO Pet 8 is more than just a pet cremator; it is a commitment to quality, economy, and environmental stewardship. Its combination of efficiency, compact design, and superior performance makes it the perfect solution for pet crematoriums looking to provide top-tier services while minimising their environmental impact.



## DESIGN FEATURES

- Nominal throughput up to 200kg per hour.
- Fully automated PLC controls for simple, efficient operation.
- Compliant under the EU Animal Byproduct Regulation Compliant with DEFRA.
- Hot hearth combustion chamber with automatic temperature control and complete with combustion air fans.
- Manufactured In Great Britain.
- Designed to meet the highest standards of efficiency, reliability, and environmental compliances.
- Two-second residence time in its secondary combustion chamber.
- Hot hearth combustion chamber with automatic temperature control and complete with combustion air fans.
- Designed for maximum productivity with up to 2 additional individual cremation chambers.
- Additional Chambers have oxygen control which improves fuel consumption.
- Remote access to allow off site operation.

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# ECO PET 8

## KEY BENEFITS

- **Superior Quality:** The ECO Pet 8 is crafted with precision, utilising high-grade materials and advanced manufacturing techniques. Its robust construction ensures long-lasting performance and reliability, even in high-demand environments.
- **Economical Operation:** Designed with energy efficiency in mind, the ECO Pet 8 minimises fuel consumption, reducing operational costs without compromising on performance. This economical approach ensures that your cremation services remain cost-effective while maintaining high standards.
- **Environmentally Approved:** The ECO Pet 8 meets stringent environmental standards, featuring a two-second residence time in its secondary combustion chamber. This ensures complete combustion and minimal emissions, helping you operate in compliance with global environmental regulations.

## SPECIFICATIONS

MODEL	BURN RATE (KG)	MAX LOAD (KG)	L (MM)	W (MM)	H (MM)	WEIGHT (TONNES)	CHIMNEY (MM)
ECOPET 8	50 (PER CHAMBER)	150 (PER CHAMBER)	2940	6500	3850	20.5	9000
CONTROL PANEL	FUEL	ELECTRICAL	CREMATOR BURNER(S)	SECONDARY BURNER(S)			
PLC CONTROL PANEL	LPG, NATURAL GAS OR KEROSENE	220/400 VOLT, SINGLE/THREE PHASE, 50/60HZ, 16 AMP	8	1			



# ECO PET 5+

The ECO Pet 5 + is a state-of-the-art individual 5 chambered pet cremator designed with various sized chamber to provide an economical cremation solution for medium to large-sized pet crematoriums.

This powerful unit is engineered for efficiency, quality, and environmental responsibility, making it an ideal choice for operators seeking to deliver respectful and reliable pet cremation services.

## DESIGN FEATURES

- Nominal throughput up to 113kg per hour.
- Supplied with oxygen control for optimum fuel usage.
- Designed for maximum productivity.
- Fully automated PLC controls for simple, efficient operation.
- Different size chambers for optimal operation for a wide range of animals
- Compliant with EU Animal Byproduct Regulation.
- Hot hearth combustion chamber with automatic temperature control and complete with combustion air fans.
- Two-second residence time in its secondary combustion chamber.
- Flue gas abatement for stricter environmental regulations.
- Remote access to allow off site operation.





# ECO PET 5+

## KEY BENEFITS

- **Superior Quality:** The ECO Pet 5+ is crafted with precision, utilising high-grade materials and advanced manufacturing techniques. Its robust construction ensures long-lasting performance and reliability, even in high-demand environments.
- **Economical Operation:** Designed with energy efficiency in mind, the ECO Pet 5+ minimises fuel consumption, reducing operational costs without compromising on performance. This economical approach ensures that your cremation services remain cost-effective while maintaining high standards.
- **Environmentally Approved:** The ECO Pet 5+ meets stringent environmental standards, featuring a two-second residence time in its secondary combustion chamber. This ensures complete combustion and minimal emissions, helping you operate in compliance with global environmental regulations.

## SPECIFICATIONS

MODEL	BURN RATE (KG)	L (MM)	W (MM)	H (MM)	WEIGHT (TONNES)	CHIMNEY (MM)
ECOPET 5+	113	2840	7130	3425	27	9000

CONTROL PANEL	ELECTRICAL	CREMATOR BURNER(S)	SECONDARY BURNER(S)
PLC CONTROL PANEL	220/400 VOLT, SINGLE/THREE PHASE, 50/60HZ, 16 AMP	5	1

# ACCESSORIES



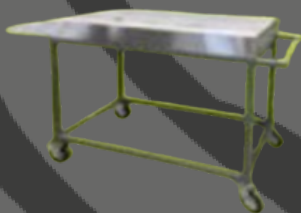
## ADD-ON INDIVIDUAL SMALL PET CREMATION CHAMBER

- Increase your productivity with an optional add-on cremation chamber.
- Designed for truly private small-pet cremation.



## ARC-10 ELECTRIC CREMAINS PROCESSOR

- Reduces cremains to a fine sand-like consistency in 15 seconds or less.
- Robust stainless steel construction with minimal maintenance.
- Vacuum dust suppression for improved operator safety.



## STANDARD PET TROLLEY

- Enables single operator use.
- Complete stainless steel construction for superior durability.
- Concave work surface.
- 4 rotating castors for easy mobility.



## LOADING TROLLEY / BIER

- Easy to raise/lower with hydraulic pump action.
- Constructed in square steel tube.
- Easy mobility with low friction rollers.
- Finished in metallic powder coated paint, easy clean surface.

# SERVICING & REPAIR

At ECT, we understand that downtime is never an option when it comes to cremation and incineration equipment. That's why we offer comprehensive servicing and emergency repair support across our full range of pet and human cremators, as well as incinerators.

Whether you're in the UK or across Europe, our service centres provide quick, reliable assistance to meet your maintenance and repair needs, helping you keep your operations running smoothly. Our expert team is equipped to service any make or model of equipment, anywhere in the world via our 3 tailored Service packages.

## BRONZE

- Biannual servicing
- Additional 3rd service visit every 3rd year
- Annual Preventive Maintenance Inspection (PMI)
- PMI conducted during one of the service visits

## SILVER

- Biannual servicing
- Additional 3rd service visit every 3rd year
- Full servicing including:
  - Hearth replacement
  - Replacement of standard spare parts
- Annual Preventive Maintenance Inspection (PMI)

## GOLD

- Biannual servicing
- Additional 3rd service visit every 3rd year
- All-inclusive servicing and repairs, including:
  - Hearth replacement
  - Refractory work
  - Replacement of standard spare parts
- Annual Preventive Maintenance Inspection (PMI)

## DID YOU KNOW...



Regular maintenance is vital to ensure efficiency, compliance, and asset longevity. Poorly maintained incinerators can **lose 15–20% efficiency**, inflating fuel costs and emissions while risking regulatory penalties.

Emergency repairs **cost up to 50% more** than planned maintenance programmes and contributes to costly unplanned downtime.

To learn more about our service packages, contact a member of the ECT Sales Team today.

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## WHY CHOOSE ECT

### EUROPEAN HUB OPERATIONS

2 main service hubs based in the United Kingdom and Italy.

### GLOBAL EXPERIENCE

Actively servicing over 40 sites, 90+ cremators/ incinerators globally.

### Only What You Need

Bespoke servicing packages tailored to meet your business requirements.

### SPEED OF SUPPLY

Regional spares storage – meaning you can get the parts you need quickly.

### EXPERT ENGINEERS

Team of 30 fully qualified and multilingual electrical and gas engineers.

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