



Aust Combustion Eng Pty Ltd

(A.C.E Systems)

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INCINERATORS - DRYERS - BURNERS - MECHANICAL & GENERAL ENGINEERING - BOILERS - FURNACES

MODEL MK 5.5 - Dual Chamber

APPLICATIONS

- Hospital & Industrial Waste
- Animal & Poultry carcasses
- Municipal & Quarantine Waste
- Obsolete Drugs
- Security Documents
- Obsolete Currency
- Wood & Sawdust
- Sewage Plant Skimmings

BENEFITS OF INCINERATION

- Waste can be destroyed just as fast as it accumulates
- No carcasses residue left to spread disease or to attract rodents and flies
- Fill chamber and turn incinerator on – no watching required as shuts down automatically
- Only sterile ash & fragments left

KEY FEATURES

- Exclusive Patent Elliptical Shape design accelerates waste reduction
- Dual Chambers creates environmentally friendly clean emissions
- High structural strength due to the Elliptical shape
- High temperature castable refractory
- Stainless steel stack
- Automatic diesel or gas fired burners
- Easy installation & maintenance



SPECIFICATIONS MK 5.5 Dual Chamber

No. of Chambers	2 Waste Produce Burnt in Primary Chamber Smoke & Odour Burnt in Secondary Chamber
Primary Chamber volume	1.1 Cubic Metres
Capacity	50Kg
Length	1700mm
Overall Length	2300mm (including burners & controls)
Width	1100mm (including loading door)
Overall Width	
Height	2300mm (excluding stack)
Draught Control	1200mm (insulation section of stack)
Floor Space Required	4000mm x 5000mm
Roof Height Required	3800mm
Stack	4000mm
Total height from ground	9800mm
Weight	5.5 tonnes
Casing material	6mm mild steel
Refractory Lining	150mm – 2 part
Flue Material	2.0mm Stainless steel x 300 diameter
Fuel	Diesel, LPG & Natural Gas
Primary Burner	Automatic Hi/Lo Package Type, LPG or Diesel
Secondary Burner	Automatic Hi/Lo Package Type, LPG or Diesel
Power Requirements	230V – 50HZ – 10AMP
Controls	2 x Digital Temperature Controller 1 x Timer 1 x Burner On/Off Switch
Loading Method	Manual / Semi Automatic
Volume per load	0.1 cubic metres
Operating Temperature	
Primary Chamber	760
Secondary Chamber	950 - 1100
Recommended minimum shed requirements	4000mm W x 3200mm D x 3800mm H at eaves Minimum one wall fully enclosed Concrete floor 150mm thick
Secondary Chamber Residence	0.75 Second

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