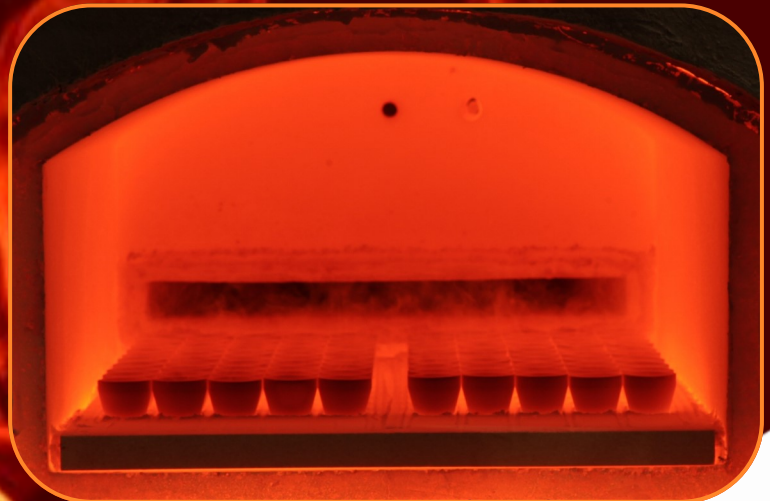




Furnace Technologies Cupellation Furnaces have been designed for the Laboratory Cupellation process. They have variable speed control and preheated air flow into the Cupellation chamber. Furnaces can be made to any size or configuration and can be run on **LPG, Natural Gas** or **Electricity**.

FEATURES

- ◆ S/S Damper control and Litharge trap (recommend vent velocity of +2m/s , does not dispense the need for HVAC).
- ◆ Flexible S/S 80mm connection to your extraction system.
- ◆ Square ventilation, excellent air flow across all cupels in the muffle.
- ◆ Cooling fume cabinets feed into the extraction system with there own damper control.
- ◆ Stand alone installation—the units are made complete within a stand.
- ◆ Doors manual or automatic.
- ◆ Double muffle furnace available.
- ◆ Muffles are fitted with two thermocouple entries.



CONTACT US

P: +61 8 9417 4226 | F: +61 8 9417 9827

E-Mail: sales@furnace-technologies.com.au

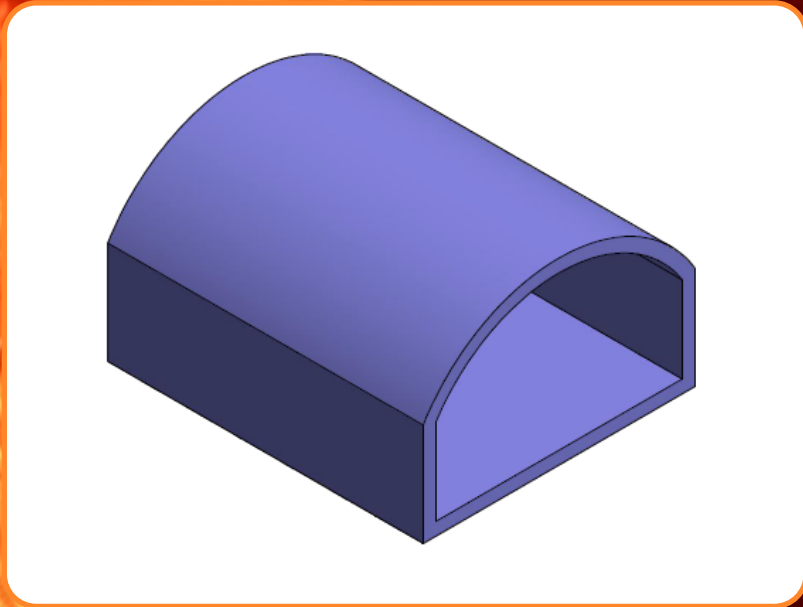
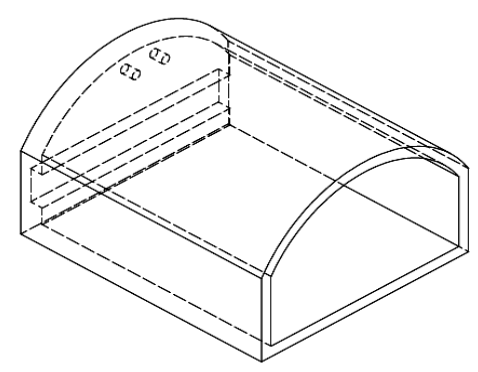
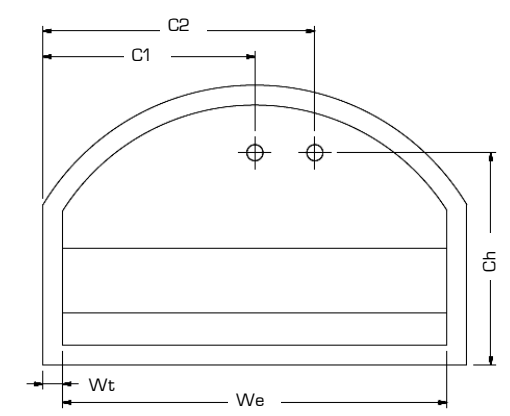
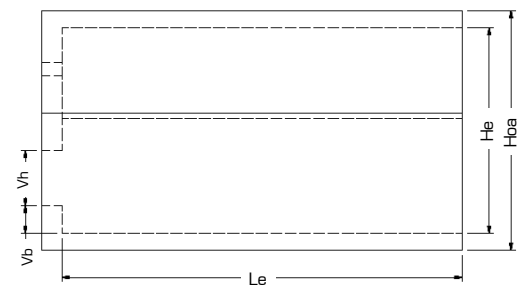
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60 Cutler Road, Jandakot, WA 6164



Muffel Dimensions (mm)	Furnace Model				
	MUF-1	MUF-3	VC-MUF-04	VC-MUF-05	VC-MUF-08R
We	220	220	260	480	735
Le	375	370	460	585	700
He	150	150	205	300	405
Hoa	180	180	245	350	430
Wt	15	15	20	25	25
C1	65	65	150	265	367.5
C2	-	185	200	340	
Ch	140	140	200	280	280
Vb	-	40	40	40	
Vh	-	70	70	80	
Vw	-	220	260	480	480
VØ	55R	-	-	-	
Top	Flat	Flat	Arch	Arch	Arch
Places	30	30	50	100	168



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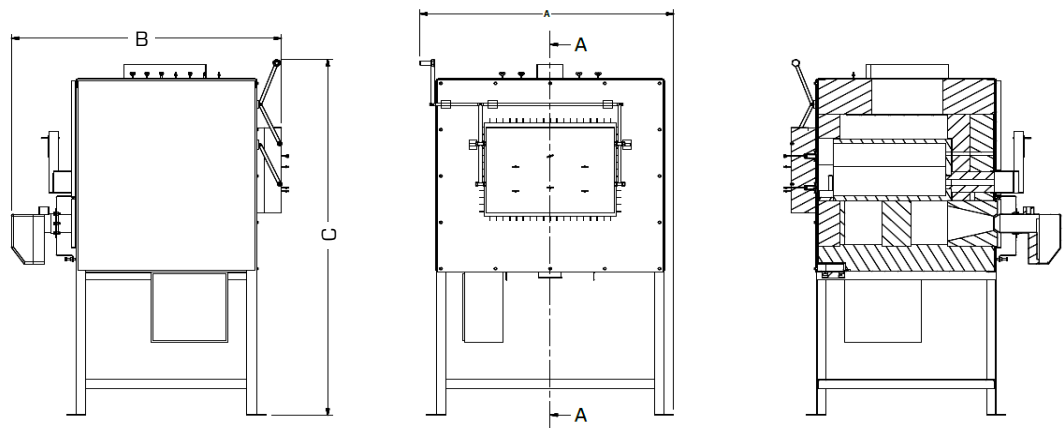
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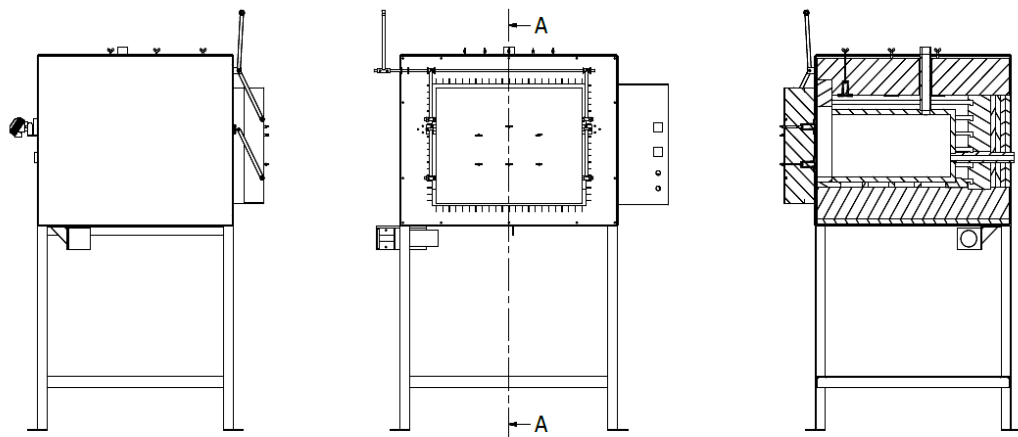
Dimensions (mm)	Furnace Model				
	MUF-1	MUF-3	VC-MUF-04	VC-MUF-05	VC-MUF-08R
A wide	970	970	990	1250	1455
B deep	1260	1260	1370	1400	1515
C high	2000	2000	2050	2050	2050

VC-MUF-05 Gas



Furnace Fuel Options		
Fuel	Pressure	Burner Type
LPG	5 to 70 kPa	Fan Forced or Naturally Aspirated
Natural Gas	5 to 70 kPa	Fan Forced
Diesoline	Gravity to Ring Main	Fan forced
Electric	440 Vac 50 hz	Wire Wound Elements, other voltages on request

Cupel Furnace Electric 100 Pot



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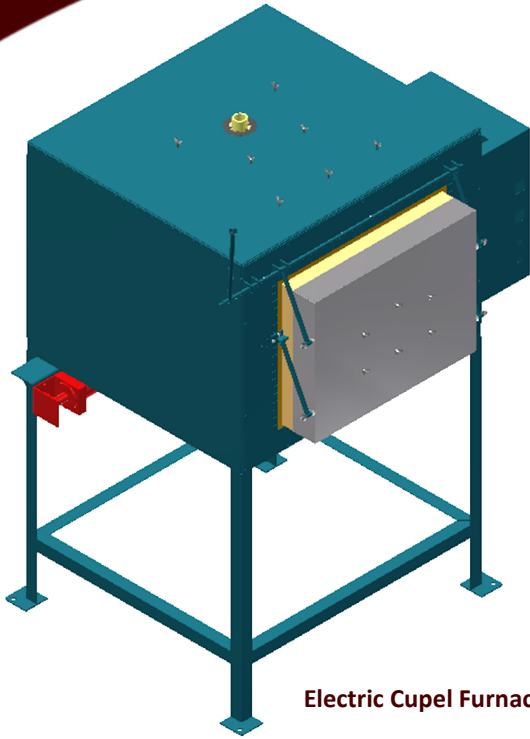
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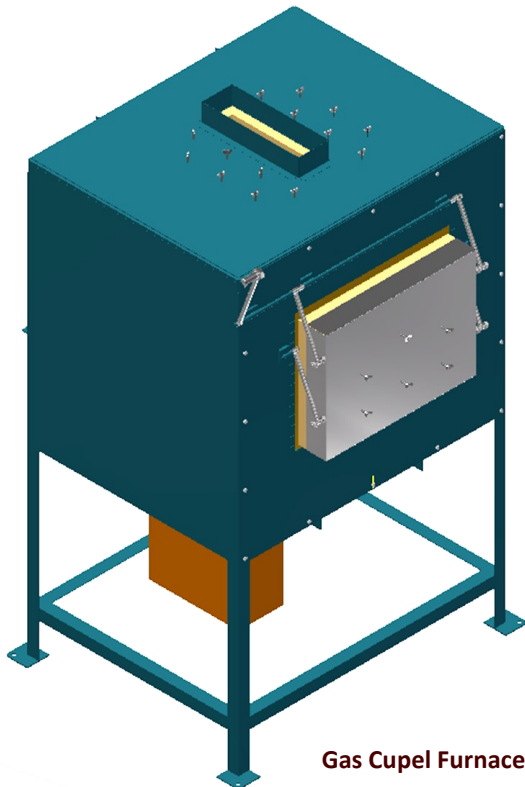
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Electric Cupel Furnace



Gas Cupel Furnace

CUPEL FURNACE SPECIFICATIONS AND OPTIONS

Construction	50 x 50 x 5 mm angle 3mm plate 40mm NB pipe 0.9mm galvanised sheet <i>Option:</i> stainless steel sheeting
Refractory	75mm insulating refractory brick 150mm insulation back-up
Temp. Control	Digital PID control Type K thermocouple 1200°C <i>Option:</i> over temperature protection
Door	0.9 mm stainless steel Vertical Lift door
Twin Configuration Option	All models can be made as twin units Two muffles in the same frame individually fired.
Air flow	Variable speed controlled fresh air intake.
Dimensions	Frame dimensions and finished floor levels specified at order

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