

High Temperature Ovens (BAF)

The BAF series ovens are front-loading, high-temperature air recirculating ovens designed to the highest standards, with high-efficiency insulation in the doors and walls. Heavy-duty hinges, catches, and high-temperature seals are standard.

Standard Features:

- Heating is by Mineral Insulated elements mounted in side air ducts outside of the oven chamber, aided by fan air recirculation.
- The air is drawn from the rear of the chamber, passes over the heating elements to enter the chamber at the front.
- The heated air then passes over the load and into the fan continuously recirculating the heated air for optimum thermal transfer and chamber temperature uniformity.
- The external case is constructed from sheet steel finished in easy clean stove powder paint. The door and chamber are fitted with high temperature seals.
- A small portion of the recirculating air is vented from the top of the chamber allowing any fumes to be directed into the customers extraction facility.



Model	BAF-400° C	BAF-500° C	BAF-600° C
Temperature Range	40°C 400°C	40° C 500°C	40°C 600°C
Chamber Interior	ST/ST	ST/ST	ST/ST
Electrical Supply	220/230V-1ph	220/230V-1ph	220/230V-1ph

Volume (Litres)	30	50	120
BAF-400	✓	✓	✓
BAF-500	✓	✓	✓
BAF-600	✓	✓	✓
BAF-400 (Fully welded stainless steel interior, without fan)	✓	✓	✓

Heavy Duty Ovens (200 to 600°C)

A comprehensive range of robust ovens is available in varying sizes up to 1000 litres capacity. Sizes above this can be designed to specific customer process requirements.



We also offer a Custom Design & Build Service for Specific Applications



400°C- Capacity 730 litres

- Designed for treating high power resistors



400°C- Capacity 27 litres per compartment

- Designed for curing of powder coated parts



400°C

- Oven with jigs for flow soldering of heat sink assemblies



600°C- Capacity 250 litres

- Designed for annealing thermionic valve glass envelopes



500°C- Capacity 610 litres

- Designed for treating thermionic valves glass envelopes



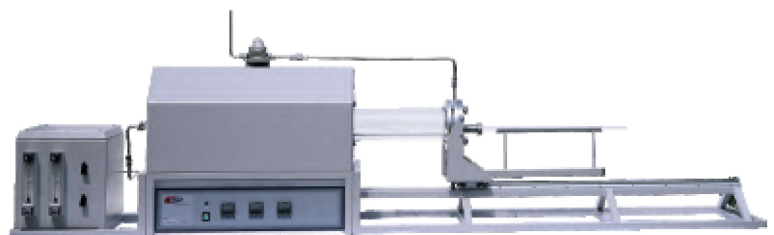
300°C & 600°C

- Dual oven rig-Designed for thermal performance testing on insulation materials - Sample size 300mm x 300mm



300°C

- Oven with variable speed rotating jig having capacity for 8 acid digestion vessels



450°C - Capacity 75mm diameter x 500mm heated length

- 3 Zone tube oven with loading system for treatment of indium wafers