**Product Specification Sheet**

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<th>Series</th>
<th>Environmental Chambers High Temperature and Humidity</th>
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1620 litre environmental chamber
high temperature and humidity control

*Specifications subject to change without notice*
# Product Specification Sheet

**Series**  
Environmental Chambers  
High Temperature and Humidity

**Model**  
ehrff-rh-1620

## Chamber capacity
- 1620 Litres

## Standard dual chamber design
- 1 set of shelves per door

## Chamber dimensions
- **Width**: 705 mm  
- **Depth**: 600 mm  
- **Height**: 1810 mm

## Single chamber design
- Optional
- **Width**: 1490 mm  
- **Depth**: 600 mm  
- **Height**: 1810 mm

## Chamber material
- Stainless Steel 304L

## External dimensions
- **Width**: 1895 mm  
- **Depth**: 762 mm  
- **Height**: 2401 mm
  - **Material**: Durable epoxy powder-coated steel

## Recommended clearance
- 75mm on sides and rear

## Temperature range
- -40 to 200°C

## Temperature sensor
- Pt100

## Control accuracy
- 0.1°C

## Temporal stability
- 0.2°C

## Available shelf positions
- 38 (19 per door)

## Shelves supplied
- 8 (4 per door)

## Shelf dimensions
- 690 x 590 mm

## Shelf spacing
- 90 mm

## Shelf capacity
- 50 KG

## Insulation type
- Mineral Wool - asbestos free

## Insulation thickness
- 50mm
Product Specification Sheet

Series: Environmental Chambers
High Temperature and Humidity

Model: ehrff-rh-1620

- **Humidity Range**: 20 - 90% RH
- **Humidity sensor**: 0.1 %
- **Control accuracy**: 0.1 %
- **Temporal stability**: 0.5 %

If the temperature setpoint is below 20 or above 80°C, the RH control will be disabled and the chamber will adopt a natural value depending on the internal chamber conditions.

This graph is a guide only.
Variations to the envelope can occur due to ambient conditions, the intensity of internal lighting, heat loads or humidity loads, and the nature of the product placed within the chamber.
## Product Specification Sheet

### 1620 litre environmental chamber
**Series**: Environmental Chambers  
**Model**: ehrff-rh-1620  
**Country of origin**: Australia

<table>
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| **Electrical supply** | Single phase, 220 - 240V, 50 Hz  
(alternatives available on request) |
| **Element rating** | 2 kW |
| **Circulating fan** | 2 |
| **Countdown timer** | 99 hr 59 min - or continuous |
| **Controller type** | Multifunction intelligent digital PID-microprocessor |
| **Readout** | Digital LCD readout of set and actual temperature |
| **Temperature alarms** | High | low | deviation |
| **Programmable control** | 500 step programmable control of temp & humidity |
| **Country of origin** | Australia |

### Options / Accessories
- Additional shelves
- Inner viewing door - toughened glass
- Double glazed glass door
- Side access port - 50 mm
- Fan speed controller
- Internal power supply*
- Inner viewing light - LED*
- RS232 or RS485 comms module
- Ethernet comms module
- ISPM 15 compliant crating for export
- Calibration certificate

*Maximum temperature limited to 50C