Product Specification Sheet

Series: Environmental Chambers
High Temperature and Humidity

Model: ehrf-rh-320

320 litre environmental chamber
high temperature and humidity control

*Specifications subject to change without notice*
Australia’s premium manufacturer
of medical and laboratory products

### Product Specification Sheet

**Series**  
Environmental Chambers  
High Temperature and Humidity

**Model**  
ehrf-rh-320

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chamber capacity</td>
<td>320 Litres</td>
</tr>
<tr>
<td>Chamber width</td>
<td>700 mm</td>
</tr>
<tr>
<td>Chamber depth</td>
<td>600 mm</td>
</tr>
<tr>
<td>Chamber height</td>
<td>756 mm</td>
</tr>
<tr>
<td>Chamber material</td>
<td>Stainless Steel 304L</td>
</tr>
<tr>
<td>External width</td>
<td>866 mm</td>
</tr>
<tr>
<td>External depth</td>
<td>784 mm</td>
</tr>
<tr>
<td>External height</td>
<td>1435 mm</td>
</tr>
<tr>
<td>External material</td>
<td>Durable epoxy powder-coated steel</td>
</tr>
<tr>
<td>Recommended clearance</td>
<td>75mm on sides and rear</td>
</tr>
<tr>
<td>Temperature range</td>
<td>-20 to 200°C</td>
</tr>
<tr>
<td>Temperature sensor</td>
<td>Pt100</td>
</tr>
<tr>
<td>Control accuracy</td>
<td>0.1°C</td>
</tr>
<tr>
<td>Temporal stability</td>
<td>0.2°C</td>
</tr>
<tr>
<td>Available shelf positions</td>
<td>8</td>
</tr>
<tr>
<td>Shelves supplied</td>
<td>2</td>
</tr>
<tr>
<td>Shelf dimensions</td>
<td>690 x 590 mm</td>
</tr>
<tr>
<td>Shelf spacing</td>
<td>86 mm</td>
</tr>
<tr>
<td>Shelf capacity</td>
<td>50 KG</td>
</tr>
<tr>
<td>Insulation type</td>
<td>Mineral Wool - asbestos free</td>
</tr>
<tr>
<td>Insulation thickness</td>
<td>50mm</td>
</tr>
</tbody>
</table>
### Product Specification Sheet

**Series:** Environmental Chambers  
**High Temperature and Humidity**

**Model:** ehrf-rh-320

- **Humidity Range:** 20 - 90% RH  
- **Humidity sensor**  
- **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

<table>
<thead>
<tr>
<th>Series</th>
<th>Environmental Chambers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>ehrf-rh-320</td>
</tr>
</tbody>
</table>

320 litre environmental chamber
high temperature and humidity control

**Electrical supply**
Single phase, 220 - 240V, 50 Hz
(alternatives available on request)

**Element rating**
0.75 kW

**Circulating fan**
1

**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