World novelty!

The refrigerant of the future. -70 °C without compromise.

Due to the EU F-gas Regulation, innovations for environmental simulation systems are more crucial than ever. Weiss Umwelttechnik took a pioneer role in refrigerant research and started a development initiative with top-class partners. Now, Weiss Umwelttechnik presents the revolutionary discovery WT69 – the refrigerant of the future.
WT69 - the future-proof substitute for R23.

A breakthrough in the laboratories yesterday and now available for you. Benefit from the innovative advantages we offer for environmental simulation systems with WT69:

- **Without compromise to -70 °C**
  WT69 works down to -70 °C. All existing test profiles can be used and the results are similar.

- **Compliant with the F-gas Regulation**
  WT69 has an extremely low GWP of only 1,357. Compared to R23, the CO₂ equivalent was reduced by more than 90% (14,800 to 1,357).

- **Fulfils all requirements for refrigerants**
  - Pressure in system controllable, pressure levels as before
  - Non-flammable: A1/A1 proven by ASHRAE
  - Non-toxic: material safety data sheet officially released
  - No ODP: formula without ozone-depleting substances
  - Non-corrosive: 100,000 hour tests without corrosion
  - Components and lubricators: suitability proven
  - Chemically stable: ASHRAE and BAM tests passed

- **Composed of commercially available gases**
  WT69 is a regular synthetic refrigerant. Standard refrigerant components are sufficient – no additional safety assessments, separate cooling or increased refrigerant amounts necessary.

- **Independently produced and affordable**
  WT69: availability is guaranteed. Refrigerant wholesalers are used for distribution.

The performance data at a glance.

<table>
<thead>
<tr>
<th>Type</th>
<th>Exterior housing dimensions, mm</th>
<th>Test space dimensions, mm</th>
<th>Minimum temperature, °C</th>
<th>Temperature-changing rate, K/min.</th>
<th>Maximum heat compensation, W</th>
</tr>
</thead>
<tbody>
<tr>
<td>ClimeEvent C/180/70a/3</td>
<td>1800x895x1495</td>
<td>750x580x450</td>
<td>-70</td>
<td>3.8</td>
<td>2000</td>
</tr>
<tr>
<td>ClimeEvent C/340/70a/3</td>
<td>1800x895x1810</td>
<td>750x580x765</td>
<td>-70</td>
<td>3.8</td>
<td>2000</td>
</tr>
<tr>
<td>ClimeEvent C/600/70a/5</td>
<td>2000x1115x1855</td>
<td>950x800x800</td>
<td>-70</td>
<td>6.0</td>
<td>5000</td>
</tr>
</tbody>
</table>

Further details see table in the product brochure.
We reserve the right to make any technical changes without prior notice.