High Performance • Advanced Technology

WP Series
Panelized Walk-In / Drive-In Test Chambers
Perfection in Performance, Equipment, and Design

The Weiss Technik WP Series walk-in/drive-in test chamber offers a modular construction, to facilitate move-in and installation. The WP Series is well suited for many testing applications and offers a wide selection of performance features.

**Features**

- **WebSeason Precise Controller**
- **LEEF® Technology available**
- **Custom window options available**
- **Temperatures to 150° C (302° F) available**
- **Modular refrigeration system - easy to re-configure**
- **High floor loading capacity (6,000 lbs/ft²)**
- **Multiple plenum options for greater testing flexibility**
- **Clear access doors - easy loading/unloading**
- **Perimeter heated flush-type doors - eliminates frost**
- **Ultra bright halogen lighting system**
Test Whatever You Like.

Seasonal differences, different climatic zones - your products must be able to withstand a variety of temperatures during manufacturing, transport, storage and use. The WP Series chambers help you to test the impact of temperature and humidity on the properties, function and lifespan of your products.

Custom Applications

Let our Application Engineers help find your solution. Weiss Technik is the global leader in custom application chambers. We will design a chamber that fits your exact testing requirement.

Reliable Controls & Software - Get the best out of your testing

**WEB Season®**
- Program, Control & Monitor
  - From anywhere on the globe
  - Access from any device
  - Precise controls
  - Easy Touchscreen Control
  - Real time multi-user, multi-language interface

**SIM PATI®**
- For Optimum Operation
  - Up to 99 systems can be controlled
  - Store measured data
  - Easily manage programs for production sequences and tests
  - Control test sequences

**SIM PATI®**
- Never Miss a Moment
  - View measured data and images simultaneously
  - Compatible with any camera
  - Data-protected documentation
  - Easy installation & operation

Solutions for Many Industries

- Automotive
- Electronics
- Aerospace
- Life Sciences
- Defense
- Textiles
### Pre-Engineered Chambers
#### Design & Performance

**WP Series**

<table>
<thead>
<tr>
<th>WP / WPH338</th>
<th>WP / WPH534</th>
<th>WP / WPH1090</th>
<th>WP / WPH1740</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Plenum Type</strong></td>
<td><strong>Roll-Up Module</strong></td>
<td><strong>Test Space Dimensions</strong></td>
<td><strong>Exterior Dimensions</strong></td>
</tr>
<tr>
<td><strong>Test Space Volume</strong></td>
<td>Cubic Feet/Liters</td>
<td>Width (in/1981mm)</td>
<td><strong>Width (in/1981mm)</strong></td>
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<tr>
<td>338 / 9571</td>
<td>78&quot; (1981mm)</td>
<td>86&quot; (2184mm)</td>
<td>104&quot; (2642mm)</td>
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<td>534 / 15121</td>
<td>98&quot; (2489mm)</td>
<td>106&quot; (2692mm)</td>
<td>104&quot; (2642mm)</td>
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<tr>
<td>1090 / 30865</td>
<td>121&quot; (3073mm)</td>
<td>129&quot; (3277mm)</td>
<td>116&quot; (2946mm)</td>
</tr>
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<td>1740 / 49271</td>
<td>145&quot; (3683mm)</td>
<td>153&quot; (3886mm)</td>
<td>116&quot; (2946mm)</td>
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<tr>
<td><strong>Test Space Dimensions</strong></td>
<td><strong>Depth (in/1981mm)</strong></td>
<td><strong>Depth (in/1984mm)</strong></td>
<td><strong>Height (in/2438mm)</strong></td>
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<tr>
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<td>152&quot; (3861mm)</td>
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<tr>
<td>192&quot; (4877mm)</td>
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<td>200&quot; (5080mm)</td>
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<tr>
<td><strong>Height (in/2438mm)</strong></td>
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<td><strong>Height (in/2438mm)</strong></td>
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<td>108&quot; (2743mm)</td>
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<td><strong>Exterior Dimensions</strong></td>
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<tr>
<td><strong>Temperature Change Rate</strong></td>
<td><strong>Heating Rate</strong></td>
<td>3.5°C/min</td>
<td>3.0°C/min</td>
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<tr>
<td></td>
<td><strong>Cooling Rate</strong></td>
<td>3.5°C/min</td>
<td>3.0°C/min</td>
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<tr>
<td></td>
<td><strong>Temperature Range</strong></td>
<td>Minimum</td>
<td>-68°C (-90°F)</td>
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<tr>
<td></td>
<td></td>
<td>Maximum</td>
<td>+85°C (+185°F)</td>
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<td></td>
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<td>20%RH to 95%RH</td>
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</table>

Performances are based on laboratory conditions at +24°C, 60 Hz, with cooling water inlet temperature and flow rate according to requirements. Performances at 50 Hz may vary. Please consult with your local Sales Representative if your conditions vary.

1. Heating and cooling rates between +85°C and -40°C in an empty chamber; measured at the supply air
2. Custom chambers with temperatures up to 150°C (302°F) are available
3. Humidity ranges are limited by +4.5°C (+40°F) to +65°C (+149°F) dew point, extended ranges from 5% to 95% RH are available
4. Humidity range is only applicable to WPH models
5. All dimensions are nominal and may not include ancillary equipment attached to chamber as required

**Custom sizes available**

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**LEEF®**

With LEEF Technology option inside, WP Series provides unmatched performance in your testing requirements. With the patented technology, LEEF offers features that allow for:

- Up to 40% Energy Savings
- Accurate Control of Set Point
- Precise Testing Results
- Reduced CO₂ Emissions
- LOW GWP (Global Warming Potential) - R-449A Refrigerant

LEEF - Leading Energy Efficiency Footprint

Learn more about all the benefits of LEEF Technology. See our Video, White Paper and Product Flyer at [www.weiss-na.com](http://www.weiss-na.com)

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**Weiss Technik North America, Inc.**
3881 N. Greenbrooke Dr. SE
Grand Rapids, MI 49512 USA
(616) 554-5020 • Fax: (616) 554-5021
www.weiss-na.com
24/7 Service Support Helpline: 1-800-361-6731

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Stand the test of time.

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