

# Model WIC 1 | Walk-in-chambers for stability testing according to ICH (Q1A)

The walk-in-chambers offer a wide range of features and benefits to perfectly meet requirements in stability testing. Perfect test conditions are maintained in a wide range of temperature from 10°C to 50°C and relative humidity of 20% to 90% RH.

## BENEFITS

- Stable and uniform environment
- Fully complies with Pharma regulations (ICH)Equipment
- Longevity - corrosion resistant
- Ease of operation
- Environmental friendly refrigerant with GWP value 547
- Maintenance possible with the least possible disruption to the climate conditioning
- Perfectly meets requirements in Pharma industry
- 3 years warranty



Model 1



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## IMPORTANT FEATURES

- Relative humidity accuracy of  $\pm 2,5\%$
- Temperature accuracy of  $\pm 1,5^\circ\text{C}$
- Duct work for proper distribution of air
- Highly insulated room panels with U value of only  $0,21 \text{ W/m}^2\text{K}$
- LED Lighting with motion detector
- High quality room elements, made in Germany
- Interior completely stainless steel
- Exterior service accessibility
- Room Elements: Galvanized sheet steel, polyester coated, white, similar to RAL 9010, interior surfaces in stainless steel, 4 inch / 100 mm PU foam U value:  $0,21 \text{ W/m}^2\text{K}$
- Floor: Floor overlay is chrome-nickel steel, pattern-rolled 5WL
- Surface load:  $50.000 \text{ N/m}^2$

## ORDERING INFORMATION

| Interior volume [L] | Power supply - unit fuse     | Plug*        | Version                     | Model version | Art.-No.  |
|---------------------|------------------------------|--------------|-----------------------------|---------------|-----------|
| <b>Model WIC 1</b>  |                              |              |                             |               |           |
| 12,530              | 200...230 V 1~ 50 Hz -20,0 A | fixed supply | Standard                    | WIC1-230V     | 9800-0011 |
|                     |                              |              | Standard                    | WIC1-208V     | 9800-0001 |
|                     | 208...230 V 1~ 60 Hz -20,0 A | fixed supply | with conditioner on ceiling | WIC1C-208V    | 9800-0002 |

## TECHNICAL DATA

| Data  |             |             |                             |
|---|-------------|-------------|-----------------------------|
| Designation   | WIC1-230V   | WIC1-208V   | WIC1C-208V                  |
| Article Number  | 9800-0011   | 9800-0001   | 9800-0002                   |
| Option model  | Standard    | Standard    | with conditioner on ceiling |
| Performance Data Climate                              |             |             |                             |
| Temperature range with humidity                       | 10...50 °C  | 10...50 °C  | 10...50 °C                  |
| Temperature uniformity at 25°C and 60% RH             | 1,5 ± K     | 1,5 ± K     | 1,5 ± K                     |
| Temperature uniformity at 40°C and 75% RH             | 1,5 ± K     | 1,5 ± K     | 1,5 ± K                     |
| Temperature fluctuation at 25°C and 60% RH            | 0,5 ± K     | 0,5 ± K     | 0,5 ± K                     |
| Temperature fluctuation at 40°C and 75% RH            | 0,5 ± K     | 0,5 ± K     | 0,5 ± K                     |
| Electrical data                                       |             |             |                             |
| Rated Voltage   | 200...230 V | 208...230 V | 208...230 V                 |
| Power frequency                                       | 50 Hz       | 60 Hz       | 60 Hz                       |
| Nominal power   | 2,7 kW      | 2,7 kW      | 2,7 kW                      |
| Unit fuse   | 20,0 A      | 20,0 A      | 20,0 A                      |
| Phase (Nominal voltage)                               | 1~          | 1~          | 1~                          |
| Measures  |             |             |                             |
| Interior volume                                       | 12,530 L    | 12,530 L    | 12,530 L                    |
| Net weight of the unit (empty)                        | 776 kg      | 776 kg      | 776 kg                      |
| Housing dimensions not incl. fittings and connections |             |             |                             |
| Width net   | 2,600 mm    | 2,600 mm    | 2,600 mm                    |
| Height net  | 2,470 mm    | 2,470 mm    | 2,470 mm                    |
| Depth net   | 2,500 mm    | 2,500 mm    | 2,500 mm                    |
| Internal Dimensions                                   |             |             |                             |
| Interior width  | 2,400 mm    | 2,400 mm    | 2,400 mm                    |
| Interior height                                       | 2,270 mm    | 2,270 mm    | 2,270 mm                    |
| Interior depth  | 2,300 mm    | 2,300 mm    | 2,300 mm                    |
| Unit doors  | 1           | 1           | 1                           |
| Environment-specific data                             |             |             |                             |

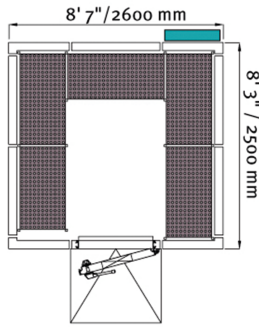
Energy consumption at 40°C and 75% RH

1,130 Wh/h

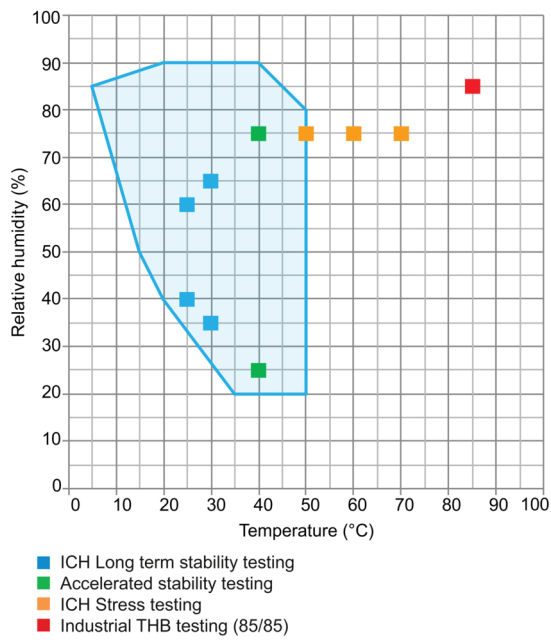
1,130 Wh/h

1,130 Wh/h

**DIMENSIONS** Incl. fittings and connections [mm]



**DIAGRAMS**



Climate chart

**OPTIONS**

No data found.

**ACCESSORIES**

| Designation             | Description   | WIC 1 | * | Art.-No.  |
|-------------------------|---|-------|---|-----------|
| Qualification documents | <p>IQ/OQ documents – supporting documents for validation performed by customers, consisting of: IQ/OQ checklists incl. calibration guide and comprehensive unit documentation; parameters: temperature and humidity values</p> <p>Digital in PDF format</p> |       |   | 7057-0002 |

| Designation             | Description                 | WIC 1 | * | Art.-No.  |
|-------------------------|-----------------------------|-------|---|-----------|
|                         | Hard copy inside folder     | •     | - | 7007-0002 |
|                         |                             | •     | - | 8012-2155 |
| Ramp for all WIC models | suitable for all WIC models | •     | - | 8012-2239 |
|                         |                             | •     | - | 8012-2156 |
| Shelf set small         | suitable for WIC 1, WIC 1 C | •     | - | 8012-2240 |

**SERVICES**

| Designation | Description   | * | Art.-No.  |
|-------------|---|---|-----------|
|             | 1 access port with silicone plug, 30 mm - position of your choice   | - | DL10-1000 |
|             | 1 access port with silicone plug, 50 mm - your choice of position   | - | DL10-1050 |
|             | 2 access ports with silicone plugs, 30 mm - your choice of position | - | DL10-1010 |
|             | 2 access ports with silicone plugs, 50 mm - your choice of position | - | DL10-1060 |
|             | 3 access ports with silicone plugs, 30 mm - your choice of position | - | DL10-1020 |
|             | 3 access ports with silicone plugs, 50 mm - your choice of position | - | DL10-1070 |
|             | 4 access ports with silicone plugs, 30 mm - your choice of position | - | DL10-1030 |
|             | 4 access ports with silicone plugs, 50 mm - your choice of position | - | DL10-1080 |
|             | 5 access ports with silicone plugs, 30 mm - your choice of position | - | DL10-1040 |
|             | 5 access ports with silicone plugs, 50 mm - your choice of position | - | DL10-1090 |

**Calibration services**

|   |   |   |           |
|---|---|---|-----------|
| Temperature and humidity measurement, 13-1 measuring points | Temperature measurement with 13 temperature measuring points and 1 humidity measuring point in center of chamber with a pair of values specified by the user, including certificate | - | DL30-0113 |
|---|---|---|-----------|

| Installation services  |  |  |
|--|--|--|
| <b>BINDER GmbH</b><br>Tuttlingen, Germany<br>TEL +49 7462 2005 0<br>FAX +49 7462 2005 100<br>info@binder-world.com<br>www.binder-world.com | <b>BINDER Inc.</b><br>Bohemia, NY, USA<br>TEL +1 631 224 4340<br>FAX +1 631 224 4354<br>usa@binder-world.com<br>www.binder-world.us  | <b>BINDER Environmental Testing Equipment (Shanghai) Co., Ltd.</b><br>Shanghai, P.R. China<br>TEL +86 21 685 808 25<br>FAX +86 21 685 808 29<br>china@binder-world.com<br>www.binder-world.com |
| Maintenance services   |  |  |
|  | One-off or recurring maintenance with maintenance schedule. Annual inspection of mechanical and electrical components, testing of all key functions. Calibration of a test temperature specified by the user in center of usable space without certificate | DL20-1000  |

**Validation services**

|  |  |   |           |
|--|--|---|-----------|
| <b>BINDER Asia-Pacific (Hong Kong) Ltd.</b><br>Kowloon, Hong Kong, P.R. China<br>TEL +852 39070500<br>FAX +852 39070507<br>asia@binder-world.com<br>www.binder-world.com | Execution of IQ/OQ in accordance with qualification folder | - | DL40-0200 |
|--|--|---|-----------|