# Model WIC 2 | 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 5°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 2




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## IMPORTANT FEATURES

- Relative humidity accuracy of ± 2.5%
- Temperature accuracy of ± 1.5°C
- Duct work for proper distribution of air
- Highly insulated room panels with U value of only 0,21 W/m$^2$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: 0,21W/m$^2$K
- Floor: Floor overlay is chrome-nickel steel, pattern-rolled 5WL
- Surface load: 50.000 N/m$^2$

## ORDERING INFORMATION

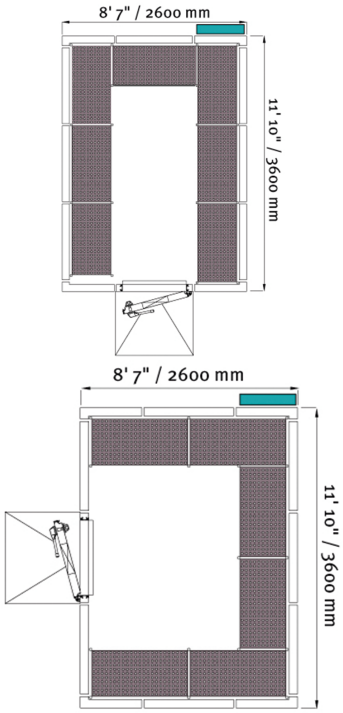
| Interior volume [L] | Power supply - unit fuse | Plug* | Version | Model version | Art.-No. |
|---|---|---|---|---|---|
| **Model WIC 2** | | | | | |
| 18,523 | 230 V 1~ 50 Hz -16,0 A | fixed supply | Standard | WIC2-230V | 9800-0012 |

## TECHNICAL DATA

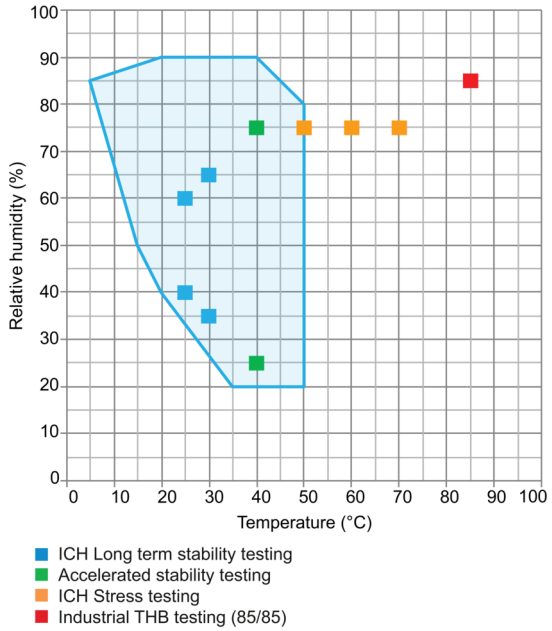
| | |
|---|---|
| **Data** | |
| Article Number | 9800-0012 |
| Designation | WIC2-230V |
| Option model | Standard |
| **Performance Data Climate** | |
| Temperature range with humidity | 5...50 °C |
| Humidity range | 20...90 % RH |
| Temperature uniformity at 25°C and 60% RH | 1.5 ± K |
| Temperature uniformity at 40°C and 75% RH | 1.5 ± K |
| Temperature fluctuation at 25°C and 60% RH | 0.5 ± K |
| Temperature fluctuation at 40°C and 75% RH | 0.5 ± K |
| Humidity fluctuation at 25°C and 60% RH | 2.5 ± % RH |
| Humidity fluctuation at 40°C and 75% RH | 2.5 ± % RH |
| **Electrical data** | |
| Rated Voltage | 230 V |
| Power frequency | 50 Hz |
| Nominal power | 2,7 kW |
| Unit fuse | 16,0 A |
| Phase (Nominal voltage) | 1~ |
| **Dimensions and weights** | |
| Interior volume | 18,523 L |
| Net weight of the unit (empty) | 981 kg |
| **Housing dimensions not incl. fittings and connections** | |
| Width net | 2,600 mm |
| Height net | 2,470 mm |
| Depth net | 3,600 mm |
| **Internal Dimensions** | |
| Interior width | 2,400 mm |
| Interior height | 2,270 mm |
| Interior depth | 3,400 mm |

| | |
|---|---|
| Unit doors | 1 |
| **Environment-specific data** | |
| Energy consumption at 40°C and 75% RH | 1,140 Wh/h |

## DIMENSIONS Incl. fittings and connections [mm]




## DIAGRAMS




Climate chart

## ACCESSORIES

| Designation | Description | * | Art.-No. |
|---|---|---|---|
| Monitoring system | For logging temperature and humidity values. Cable length of sensors 1 meter each. Compatible with Multi Management Software APT-COM™. | - | 8012-2579 |
| Qualification documents | 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 | | |
| | Digital in PDF format | - | 7057-0002 |
| | Hard copy inside folder | - | 7007-0002 |
| Ramp for all WIC models | suitable for all WIC models | - | 8012-2239 |
| Shelf set middle | Rack set consisting of 7 modules, each with 4 shelf levels made of stainless steel, the shelves are perforated and 54 cm deep | | |
| | Suitable for WIC 2 | - | 8012-2241 |
| Shelf set small | Rack shelf set consisting of 7 shelves made of stainless steel to form an additional shelf level, the shelves are perforated and 54 cm deep | | |
| | Suitable for WIC 2 rack set | - | 8012-2610 |
| Vertical blind | Vertical blind made of PVC for walk-in-chambers | - | 8012-2461 |

## SERVICES

| Designation | Description | * | Art.-No. |
|---|---|---|---|
| Access port with silicone plug | 1 access port with silicone plug, 30 mm - position of your choice | 01, 5 | DL10-1000 |
| | 1 access port with silicone plug, 50 mm - your choice of position | 01, 5 | DL10-1050 |
| | 2 access ports with silicone plugs, 30 mm - your choice of position | 01, 5 | DL10-1010 |
| | 2 access ports with silicone plugs, 50 mm - your choice of position | 01, 5 | DL10-1060 |
| | 3 access ports with silicone plugs, 30 mm - your choice of position | 01, 5 | DL10-1020 |
| | 3 access ports with silicone plugs, 50 mm - your choice of position | 01, 5 | DL10-1070 |
| | 4 access ports with silicone plugs, 30 mm - your choice of position | 01, 5 | DL10-1030 |
| | 4 access ports with silicone plugs, 50 mm - your choice of position | 01, 5 | DL10-1080 |
| | 5 access ports with silicone plugs, 30 mm - your choice of position | 01, 5 | DL10-1040 |
| | 5 access ports with silicone plugs, 50 mm - your choice of position | 01, 5 | DL10-1090 |
| **Calibration services** | | | |
| Extension of temperature and humidity measurement 13-1 measuring points | Calibration of an additional climate point specified by the user, including certificate. | 05 | DL30-0114 |

| Designation | Description | * | Art.-No. |
|---|---|---|---|
| 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 | 05 | DL30-0113 |
| **Installation services** | | | |
| Installation and Comissioning | Installation and Comissioning | 5 | DL10-0800 |
| **Maintenance services** | | | |
| Maintenance | One-off maintenance service in accordance with maintenance schedule. Visual 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 | 05 | DL20-1000 |
| **Validation services** | | | |
| Execution of IQ/OQ | Execution of IQ/OQ in accordance with qualification folder | 05 | DL40-0200 |

## NOTES

01 Condensation may occur in the area around the access port. Access ports may be placed in custom locations for an additional charge.

05 Quoted prices do not include travel costs. Please refer to the chapter on BINDER Service for travel costs for your region. Quoted prices for services performed in Switzerland do not include a country-specific added fee (available on request).

**BINDER GmbH**
Tuttlingen, Germany
TEL +49 7462 2005 0
info@binder-world.com
www.binder-world.com

**BINDER Inc.**
Bohemia, NY, USA
TEL +1 631 224 4340
usa@binder-world.com
www.binder-world.us

**BINDER Environmental Testing Equipment (Shanghai) Co., Ltd.**
Shanghai, P.R. China
TEL +86 21 685 808 25
china@binder-world.com
www.binder-world.com