

# Model WIC 2 | Walk-in-chambers for Stability Testing and Storage

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.



Model

## MAIN FEATURES

- Relative humidity accuracy of  $\pm 2.5\%$
- Temperature accuracy of  $\pm 1.5\text{ °C}$
- 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

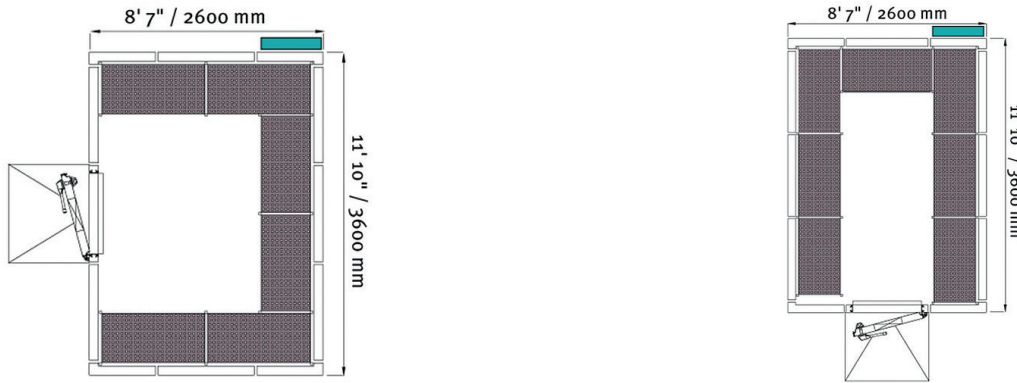
| Interior volume [L] | Voltage       | Option model                | Version    | Art.-No.  |
|---------------------|---------------|-----------------------------|------------|-----------|
|                     | V 1~ ph 50 Hz | Standard                    | WIC2-230V  | 9800-0012 |
|                     | V 1~ ph 60 Hz | Standard                    | WIC2-208V  | 9800-0003 |
|                     |               | with conditioner on ceiling | WIC2C-208V | 9800-0004 |

## TECHNICAL DATA

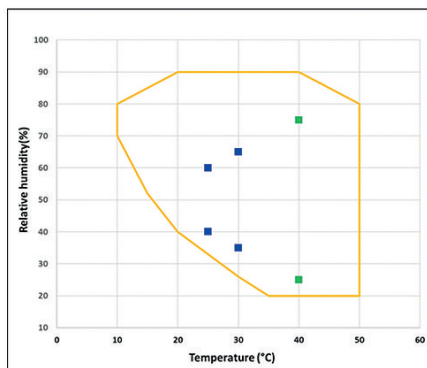
| Description   | WIC2-230V        | WIC2-208V        | WIC2C-208V       |
|---|------------------|------------------|------------------|
| <b>Article Number</b>                                   | <b>9800-0012</b> | <b>9800-0003</b> | <b>9800-0004</b> |
| <b>Performance Data Climate</b>                         |                  |                  |                  |
| Temperature range [°C]                                  | 5...50           | 5...50           | 5...50           |
| Temperature variation at 25 °C and 60 % RH [ $\pm$ K]   | 1.5              | 1.5              | 1.5              |
| Temperature variation at 40 °C and 75 % RH [ $\pm$ K]   | 1.5              | 1.5              | 1.5              |
| Temperature fluctuation at 25 °C and 60 % RH [ $\pm$ K] | 0.5              | 0.5              | 0.5              |
| Temperature fluctuation at 40 °C and 75 % RH [ $\pm$ K] | 0.5              | 0.5              | 0.5              |
| Humidity range  | 20...93          | 20...93          | 20...93          |
| Humidity fluctuation at 25 °C and 60 % RH               | 2.5 $\pm$ % RH   | 2.5 $\pm$ % RH   | 2.5 $\pm$ % RH   |
| Humidity fluctuation at 40 °C and 75 % RH               | 2.5 $\pm$ % RH   | 2.5 $\pm$ % RH   | 2.5 $\pm$ % RH   |
| <b>Electrical data</b>                                  |                  |                  |                  |
| Power frequency [Hz]                                    | 50               | 60               | 60               |
| Nominal power [kW]                                      | 2.7              | 2.7              | 2.7              |
| Unit fuse [A]   | 20               | 20               | 20               |
| Phase (Nominal voltage)                                 | 1~               | 1~               | 1~               |
| <b>Measures</b>   |                  |                  |                  |
| Net weight of the unit (empty) [kg]                     | 981              | 981              | 981              |

| Description          | WIC2-230V | WIC2-208V | WIC2C-208V |
|----------------------|-----------|-----------|------------|
| Article Number       | 9800-0012 | 9800-0003 | 9800-0004  |
| Internal Dimensions  |           |           |            |
| Interior width [mm]  | 2400      | 2400      | 2400       |
| Interior height [mm] | 2270      | 2270      | 2270       |
| Interior depth [mm]  | 3400      | 3400      | 3400       |

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



**CHARTS**



Climate chart

**ACCESSORIES**

| Designation             | Description                 | * | Art.-No.  |
|-------------------------|-----------------------------|---|-----------|
| Ramp for all WIC models | suitable for all WIC models | - | 8012-2239 |
| Shelf set middle        | suitable for WIC 2, WIC 2 C | - | 8012-2241 |
|                         |                             |   | 8012-2157 |

\* Notes › See last page

## SERVICES

| Designation   | Description   | *          | Art.-No.  |
|---|---|------------|-----------|
| Installation services                                       |   |            |           |
| Maintenance services  |   |            |           |
| Validation services   |   |            |           |
| Calibration services  |   |            |           |
| Execution of IQ/OQ  | Execution of IQ/OQ in accordance with qualification folder  | 05         | DL40-0200 |
| Installation and Commissioning                              | Installation and Commissioning  | -          | DL10-0800 |
| 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 |
| 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   | 03, 04, 05 | DL30-0113 |

\* Notes › See last page

**NOTES**

- 01 Condensation may occur in the area around the access port. Access ports may be placed in custom locations for an additional charge.
- 02 UL mark is not granted when this option is used.
- 03 Sensor calibration is performed in an accredited calibration laboratory.
- 04 Calibration is performed according to the BINDER factory standard.
- 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).

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