

Model WIC 1 | 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 N/m^2

ORDERING INFORMATION

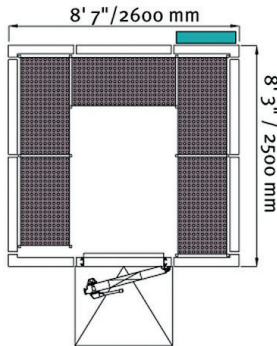
Interior volume [L]	Voltage	Option model	Version	Art.-No.
	V 1~ ph 50 Hz	Standard	WIC1-230V	9800-0011
	V 1~ ph 60 Hz	Standard	WIC1-208V	9800-0001
		with conditioner on ceiling	WIC1C-208V	9800-0002

TECHNICAL DATA

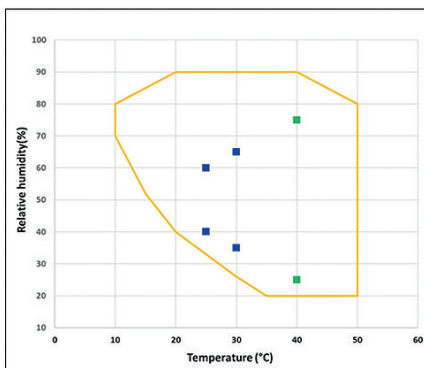
Description	WIC1-230V	WIC1-208V	WIC1C-208V
Article Number	9800-0011	9800-0001	9800-0002
Performance Data Climate			
Temperature range [°C]	5...50	5...50	5...50
Temperature variation at 25 °C and 60 % RH [\pm K]	1.5	1.5	1.5
Temperature variation at 40 °C and 75 % RH [\pm K]	1.5	1.5	1.5
Temperature fluctuation 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
Electrical data			
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~
Measures			
Net weight of the unit (empty) [kg]	776	776	776

Description	WIC1-230V	WIC1-208V	WIC1C-208V
Article Number	9800-0011	9800-0001	9800-0002
Internal Dimensions			
Interior width [mm]	2400	2400	2400
Interior height [mm]	2270	2270	2270
Interior depth [mm]	2300	2300	2300

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 small	suitable for WIC 1, WIC 1 C	-	8012-2240 8012-2156

* 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).

BINDER GmbH

Tuttlingen, Germany
TEL +49 7462 2005 0
FAX +49 7462 2005 100
info@binder-world.com
www.binder-world.com

BINDER Asia Pacific (Hong Kong) Ltd.

Kowloon, Hong Kong, P.R. China
TEL +852 39070500
FAX +852 39070507
asia@binder-world.com
www.binder-world.com



Helago-CZ s.r.o.
Kladská 1082
500 03 Hradec Králové
Tel.: 495 220 229, 495 220 394
Fax: 495 220 154
<http://www.helago-cz.cz>
E-mail: info@helago-cz.cz

**BINDER Environmental Testing
Equipment (Shanghai) Co., Ltd.**

Shanghai, P.R. China
TEL +86 21 685 808 25
FAX +86 21 685 808 29
china@binder-world.com
www.binder-world.com

BINDER Inc.

Bohemia, NY, USA
TEL +1 631 224 4340
FAX +1 631 224 4354
usa@binder-world.com
www.binder-world.us