

Model WIC 3 | 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

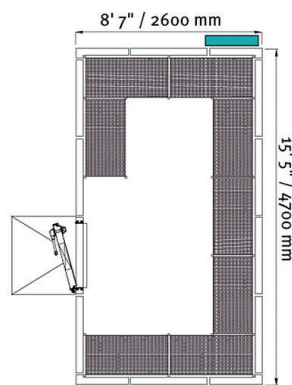
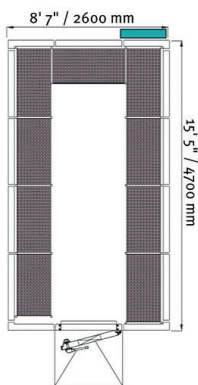
Interior volume [L]	Voltage	Option model	Version	Art.-No.
	V 1~ ph 50 Hz	Standard	WIC3-230V	9800-0013
	V 1~ ph 60 Hz	Standard	WIC3-208V	9800-0007
		with conditioner on ceiling	WIC3C-208V	9800-0008

TECHNICAL DATA

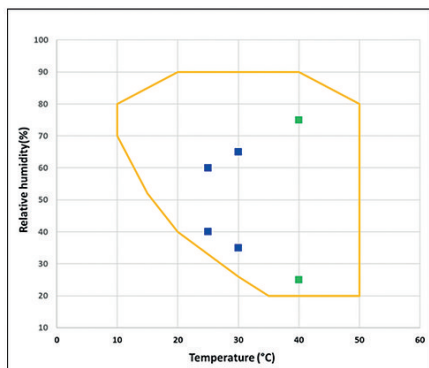
Description	WIC3-230V	WIC3-208V	WIC3C-208V
Article Number	9800-0013	9800-0007	9800-0008
Performance Data Climate			
Temperature range [°C]	5...50	5...50	5...50
Temperature variation at 25 °C and 60 % RH [± K]	1.5	1.5	1.5
Temperature variation at 40 °C and 75 % RH [± K]	1.5	1.5	1.5
Temperature fluctuation at 25 °C and 60 % RH [± K]	0.5	0.5	0.5
Temperature fluctuation at 40 °C and 75 % RH [± 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 ± % RH	2.5 ± % RH	2.5 ± % RH
Humidity fluctuation at 40 °C and 75 % RH	2.5 ± % RH	2.5 ± % RH	2.5 ± % 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]	1186	1186	1186

Description	WIC3-230V	WIC3-208V	WIC3C-208V
Article Number	9800-0013	9800-0007	9800-0008
Internal Dimensions			
Interior width [mm]	2400	2400	2400
Interior height [mm]	2270	2270	2270
Interior depth [mm]	4700	4700	4700

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 large	suitable for WIC 3, WIC 3 C	-	8012-2242 8012-2158

* 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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