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



Model 2

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

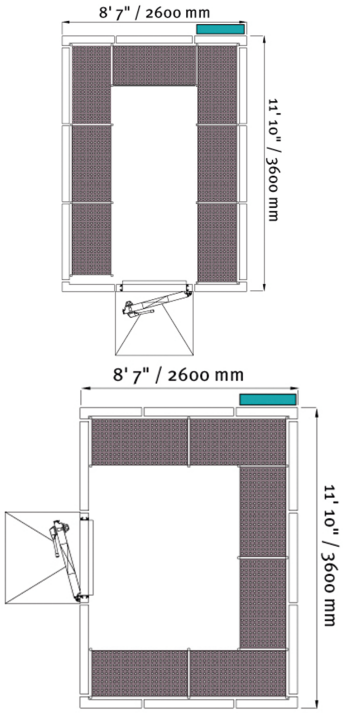
Interior volume [L]	Power supply - unit fuse	Plug*	Version	Model version	Art.-No.
Model WIC 2					
18,523	230 V 1~ 50 Hz -16,0 A	fixed supply	Standard	WIC2-230V	9800-0012

TECHNICAL DATA

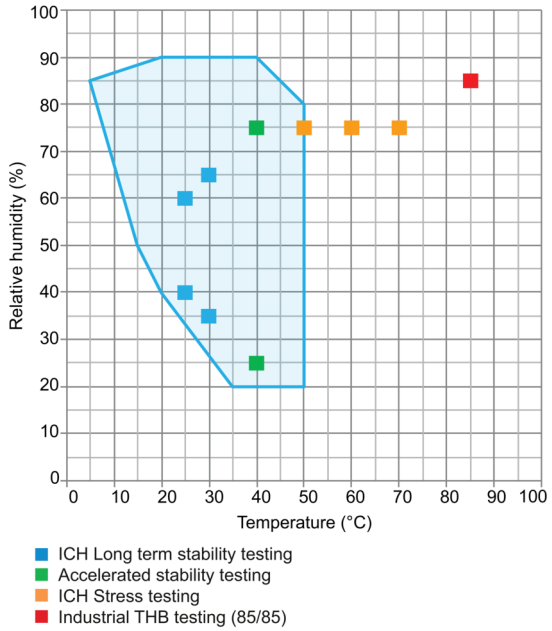
Data	
Article Number	9800-0012
Designation	WIC2-230V
Option model	Standard
Performance Data Climate	
Temperature range with humidity	5...50 °C
Humidity range	20...90 % RH
Temperature uniformity at 25°C and 60% RH	1.5 ± K
Temperature uniformity at 40°C and 75% RH	1.5 ± K
Temperature fluctuation at 25°C 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