

Model WIC 1 | 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 10°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 1



Model 1

IMPORTANT FEATURES

- Relative humidity accuracy of $\pm 2,5\%$
 - Temperature accuracy of $\pm 1,5^{\circ}\text{C}$
 - 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

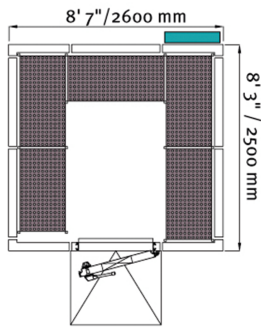
Interior volume		Power supply - unit fuse	Plug*	Version	Model version	Art.-No.
[L]	[L]					
Model WIC 1						
		200...230 V 1~ 50 Hz -20,0 A	fixed supply	Standard	WIC1-230V	9800-0011
12,530	12,530	208...230 V 1~ 60 Hz -20,0 A	fixed supply	Standard	WIC1-208V	9800-0001
				with conditioner on ceiling	WIC1C-208V	9800-0002

TECHNICAL DATA

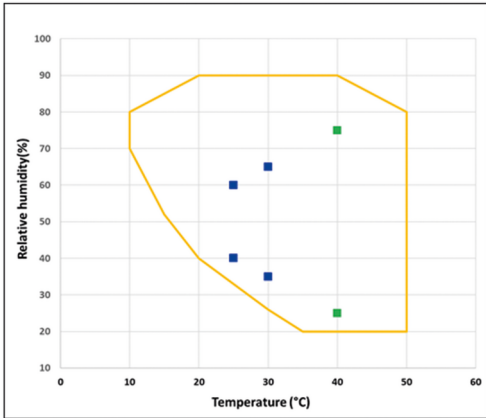
Data			
Designation	WIC1-230V	WIC1-208V	WIC1C-208V
Article Number	9800-0011	9800-0001	9800-0002
Option model	Standard	Standard	with conditioner on ceiling
Performance Data Climate			
Temperature range with humidity	10...50 °C	10...50 °C	10...50 °C
Temperature uniformity at 25°C and 60% RH	1,5 ± K	1,5 ± K	1,5 ± K
Temperature uniformity at 40°C and 75% RH	1,5 ± K	1,5 ± K	1,5 ± K
Temperature fluctuation at 25°C and 60% RH	0,5 ± K	0,5 ± K	0,5 ± K
Temperature fluctuation at 40°C and 75% RH	0,5 ± K	0,5 ± K	0,5 ± K
Electrical data			
Rated Voltage	200...230 V	208...230 V	208...230 V
Power frequency	50 Hz	60 Hz	60 Hz
Nominal power	2,7 kW	2,7 kW	2,7 kW
Unit fuse	20,0 A	20,0 A	20,0 A
Phase (Nominal voltage)	1~	1~	1~
Measures			
Interior volume	12,530 L	12,530 L	12,530 L
Net weight of the unit (empty)	776 kg	776 kg	776 kg
Housing dimensions not incl. fittings and connections			
Width net	2,600 mm	2,600 mm	2,600 mm
Height net	2,470 mm	2,470 mm	2,470 mm
Depth net	2,500 mm	2,500 mm	2,500 mm
Internal Dimensions			
Interior width	2,400 mm	2,400 mm	2,400 mm
Interior height	2,270 mm	2,270 mm	2,270 mm
Interior depth	2,300 mm	2,300 mm	2,300 mm
Unit doors	1	1	1
Environment-specific data			

Energy consumption at 40°C and 75% RH	1,130 Wh/h	1,130 Wh/h	1,130 Wh/h
---------------------------------------	------------	------------	------------

DIMENSIONS Incl. fittings and connections [mm]



DIAGRAMS



Temperature-environmental chart

OPTIONS

No data found.

ACCESSORIES

Designation	Description	WIC 1	*	Art.-No.
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			
	Hard copy inside folder	•	-	7007-0002
Ramp for all WIC models	Suitable for all WIC models	•	-	8012-2155
		•	-	8012-2239
Shelf set small	suitable for WIC 1, WIC 1 C	•	-	8012-2156

Designation	Description	WIC 1	*	Art.-No.
		•	-	8012-2240

SERVICES

Designation	Description	*	Art.-No.
Access port with silicone plug	1 access port with silicone plug, 30 mm - position of your choice	–	DL10-1000
	1 access port with silicone plug, 50 mm - your choice of position	–	DL10-1050
	2 access ports with silicone plugs, 30 mm - your choice of position	–	DL10-1010
	2 access ports with silicone plugs, 50 mm - your choice of position	–	DL10-1060
	3 access ports with silicone plugs, 30 mm - your choice of position	–	DL10-1020
	3 access ports with silicone plugs, 50 mm - your choice of position	–	DL10-1070
	4 access ports with silicone plugs, 30 mm - your choice of position	–	DL10-1030
	4 access ports with silicone plugs, 50 mm - your choice of position	–	DL10-1080
	5 access ports with silicone plugs, 30 mm - your choice of position	–	DL10-1040
	5 access ports with silicone plugs, 50 mm - your choice of position	–	DL10-1090

Calibration services

Temperature measurement, 13 temperature measuring points and 1 humidity measuring point	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	–	DL30-0113
---	---	---	-----------

Installation services

Installation and Commissioning	Installation and Commissioning	–	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	–	DL20-1000
-------------	---	---	-----------

BINDER GmbH	BINDER Inc.	BINDER Environmental Testing Equipment (Shanghai) Co., Ltd.
Tuttlingen, Germany	Bohemia, NY, USA	Shanghai, P.R. China
TEL +49 7462 2005 0	Execution of IQ/OQ in accordance with qualification folder. Travel to be quoted separate. TEL +1 631 224 4340	DL40-0200
FAX +49 7462 2005 100	FAX +1 631 224 4354	TEL +86 21 685 808 25
info@binder-world.com	usa@binder-world.com	FAX +86 21 685 808 29
www.binder-world.com	www.binder-world.us	china@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