

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 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 2



Model 2

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 [L]	Power supply - unit fuse	Plug*	Version	Model version	Art.-No.
Model WIC 2					
18,523	230 V 1~ 50 Hz -20,0 A	fixed supply	Standard	WIC2-230V	9800-0012
			Standard	WIC2-208V	9800-0003
	208...230 V 1~ 60 Hz -20,0 A	fixed supply	with conditioner on ceiling	WIC2C-208V	9800-0004

TECHNICAL DATA

Data			
Designation	WIC2-230V	WIC2-208V	WIC2C-208V
Article Number	9800-0012	9800-0003	9800-0004
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	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	18,523 L	18,523 L	18,523 L
Net weight of the unit (empty)	981 kg	981 kg	981 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	3,600 mm	3,600 mm	3,600 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	3,400 mm	3,400 mm	3,400 mm
Unit doors	1	1	1
Environment-specific data			

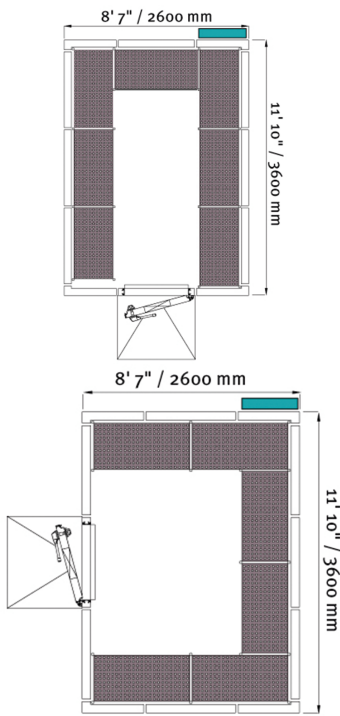
Energy consumption at 40°C and 75% RH

1,140 Wh/h

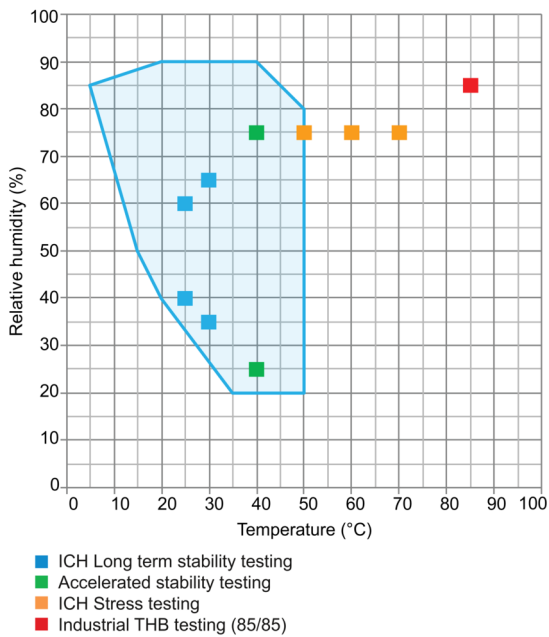
1,140 Wh/h

1,140 Wh/h

DIMENSIONS Incl. fittings and connections [mm]



DIAGRAMS



Climate chart

OPTIONS

No data found.

ACCESSORIES

Designation	Description	WIC 2	*	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			
	Digital in PDF format	•	-	7057-0002
	Hard copy inside folder	•	-	7007-0002
Ramp for all WIC models	suitable for all WIC models	•	-	8012-2155
		•	-	8012-2239
Shelf set middle	suitable for WIC 2, WIC 2 C	•	-	8012-2157
		•	-	8012-2241

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 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	-	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
-------------	---	---	-----------

Designation	Description	*	Art.-No.
Validation services			
Execution of IQ/OQ	Execution of IQ/OQ in accordance with qualification folder	–	DL40-0200

BINDER GmbH

Tuttlingen, Germany
TEL +49 7462 2005 0
FAX +49 7462 2005 100
info@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

**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 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