

# 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



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## 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:  $50.000\text{ N/m}^2$

## ORDERING INFORMATION

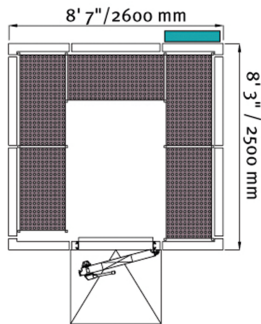
Interior volume [L]	Power supply - unit fuse	Plug*	Version	Model version	Art.-No.
Model WIC 1					
12,530	200...230 V 1~ 50 Hz -16,0 A	fixed supply	Standard	WIC1-230V	9800-0011
	208...230 V 1~ 60 Hz -20,0 A	fixed supply	Standard	WIC1-208V	9800-0001
			with conditioner on ceiling	WIC1C-208V	9800-0002

## TECHNICAL DATA

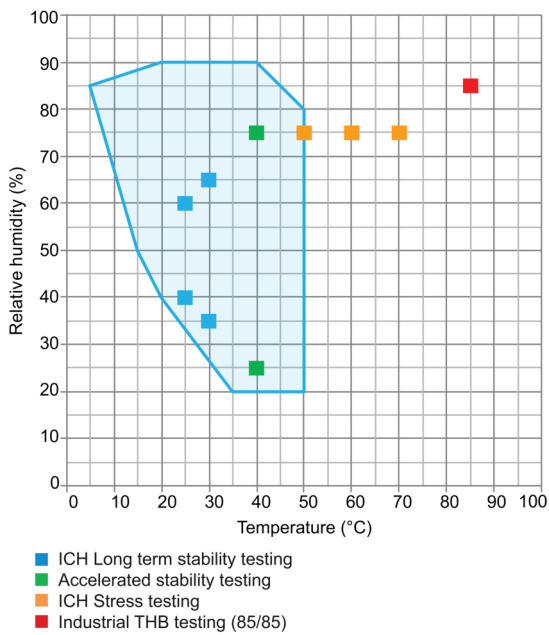
Data			
Designation	WIC1-230V	WIC1-208V	WIC1C-208V
Article Number	9800-0011	9800-0001	9800-0002
Option model	Standard	Standard	with conditioner on ceiling
Performance Data Temperature			
Temperature range	{3299}...{3298}	{3299}...{3298}	{3299}...{3298}
Performance Data Climate			
Temperature range with humidity	10...50 °C	10...50 °C	10...50 °C
Humidity range	20...90 % RH	20...90 % RH	20...90 % RH
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	16,0 A	20,0 A	20,0 A
Phase (Nominal voltage)	1~	1~	1~
Dimensions and weights			
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



Climate chart

ACCESSORIES

Designation	Description	WIC 1	*	Art.-No.
Measuring station	with 1x PT100 for humidity	•	-	8012-2579
Options/Accessories		•	-	8012-2461

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			
	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 small	suitable for WIC 1, WIC 1 C			
	passend für WIC 1	•	-	8012-2156
		•	-	8012-2240

## SERVICES

Designation	Description	*	Art.-No.
Access port with silicone plug	1 access port with silicone plug, 30 mm - position of your choice	01	DL10-1000
	1 access port with silicone plug, 50 mm - your choice of position	01	DL10-1050
	2 access ports with silicone plugs, 30 mm - your choice of position	01	DL10-1010
	2 access ports with silicone plugs, 50 mm - your choice of position	01	DL10-1060
	3 access ports with silicone plugs, 30 mm - your choice of position	01	DL10-1020
	3 access ports with silicone plugs, 50 mm - your choice of position	01	DL10-1070
	4 access ports with silicone plugs, 30 mm - your choice of position	01	DL10-1030
	4 access ports with silicone plugs, 50 mm - your choice of position	01	DL10-1080
	5 access ports with silicone plugs, 30 mm - your choice of position	01	DL10-1040
	5 access ports with silicone plugs, 50 mm - your choice of position	01	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

## NOTES

01      Condensation may occur in the area around the access port. Access ports may be placed in custom locations for an additional charge.

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