

# AIRTIGHT DOORS WITH INFLATABLE SEAL



## PRODUCT DATA SHEET

- **UP TO 100 Pa POSITIVE AND NEGATIVE**
- **FLUSH WITH THE FLOOR,  
5 mm BASE PLATE**
- **CONTROL UNIT IN THE  
TECHNICAL AREA**
- **OPTIONAL EQUIPMENT:  
AUTOMATIC OPENER**
- **SUITABLE FOR ALL BSL ZONES,  
UP TO BSL 4**



Perfection in Building Cleanrooms

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# AIRTIGHT DOORS WITH INFLATABLE SEAL ATD 100

Stainless steel cleanroom door with inflatable seal is designed for maximum air tightness capabilities. It ensures a perfect tightness and maintains barrier integrity in high containment applications. A uniform seal is precisely controlled with the appropriate automation and enables use under the toughest conditions in all clean room zones and also in all BSL zones, especially in BSL 3 and 4.

Cleanroom doors with inflatable seal can be adapted for different business process conditions and offer the highest level of security in regulated rooms. To assure the level of safety the doors have been certified by the ZAG Institute.



## Use:

- pharmaceutical
- healthcare
- microbiology
- nanotechnology
- food industry
- nuclear industry
- research institutions
- microelectronics

## Advantages:

- high efficiency
- easy to clean
- easy maintenance
- suitable for all BSL zones, up to BSL 4

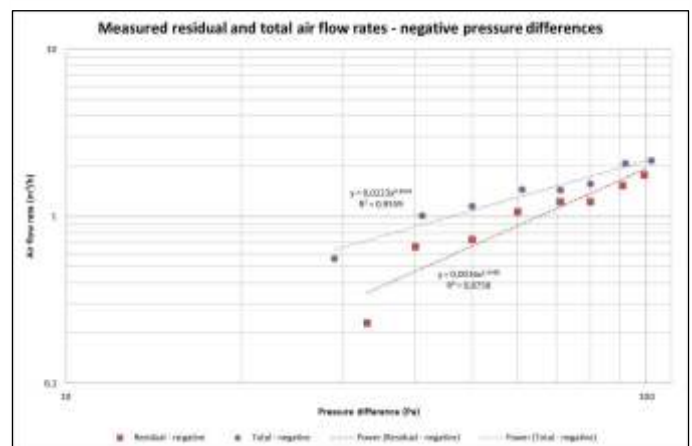
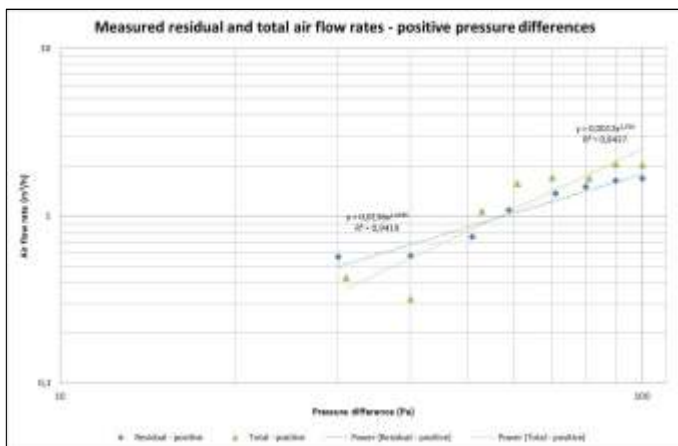
## Accessories:

- glazing
- badge reader
- alarm detector
- sensors
- automatic opener

## Max. dimensions:

W x H x T

1600x3200x100 mm



## Technical specification:

Parameter	
Power (W)	max. 500 W
Lifetime	10 years / 200.000 cycles
Nominal voltage	120 - 230 V / 50 - 60 Hz
Material	stainless steel sheet, t=1,5 mm, 1.4301 - AISI 304 (option: 1.4404 - AISI 316L), pipe construction 100x100x3 mm; 50x20x1,5 mm; stainless steel 1.4301 (AISI 304), option: 1.4404 (AISI 316L)
Standards	CE, EN 13241:2003+A2:2016; EN 13241-1:2003+A1:2011; EN12605:2000; SIST EN 12427:2001
Automatic door opener (option)	EN 1634-1, DIN 18263-4, EN 16005 and EN 1158
Air permeability	according to norm SIST EN 12427: 2001
Product standard compliance	EN 13241-1: 2003 + A1: 2011 (replacement EN 13241: 2003 + A2: 2016)
Certificates	tested by ZAG, Report No. 248/19-520-1 Slovenian National Building and Civil Engineering Institute