



HERMETIC AUTOMATIC SLIDING DOORS

PRODUCT DATA SHEET

- **SUITABLE FOR ZONES B, C, D**
- **VAPORIZED H₂O₂ RESISTANT**
- **FAST AND EASY CLEANING AND MAINTENANCE**
- **SUITABLE FOR ALL WALL SYSTEMS**
- **FLUSH WITH THE FLOOR**
- **CONTROL AND DRIVING UNIT IN THE TECHNICAL AREA**



Perfection in Building Cleanrooms

CLEANGRAD D.O.O. | Ulica Rada Pušenjaka 1 | SI-9240 Ljutomer
+386 2 585 1 600 | sales@cleangrad.si | www.cleangrad.si

HERMETIC AUTOMATIC SLIDING DOORS C-HSD-ALU

There are a lot of sliding doors, available on the market. Yet, none of them was suitable for the grade B zone. Till now. The Cleangrad hermetic sliding doors C-HSD-ALU with the automation were developed in house, to perfectly comply with the GMP requirements in the B and C cleanroom zones. Either with aluminium, HPL or stainless steel finish, the hermetic sliding doors are suitable for all wall systems and are totally flush with any kind of flooring. With no floor guides and no movable parts, but equipped with a guide rail with particle catchers and control unit in the technical area, they allow fast and easy maintenance, without interfering into cleanroom. To assure the level of safety the doors have been certified by the ZAG and SIQ Institutes.



Use:

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

Accessories:

- guiding bumper with mechanical lock
- glazing
- access control
- electronic lock
- switches
- back-up battery
- interlock and magic eyes

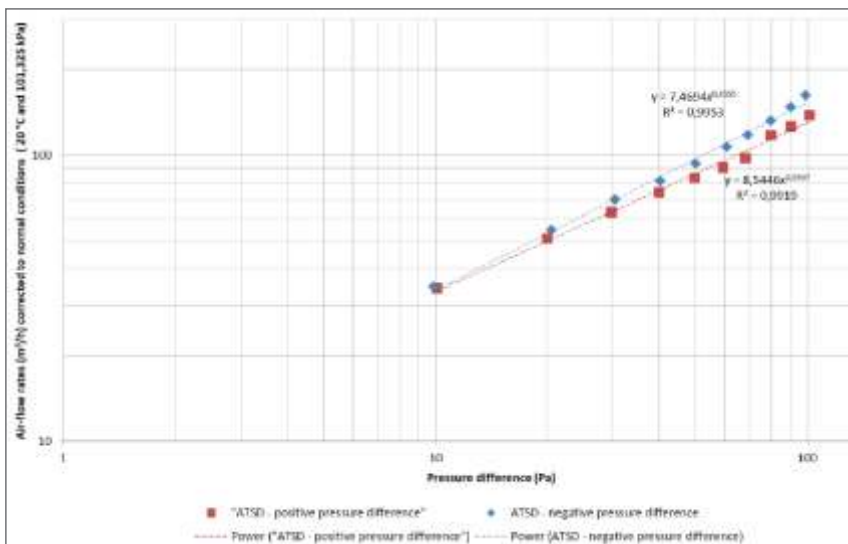
Advantages:

- suitable for all wall types
- easy to clean, H₂O₂ resistant
- fast and easy maintenance in the technical area
- driving unit in technical area, left or right side
- inlet handle
- suitable up to grade B zone
- no floor guides, flush with epoxy, PVC or pharmaterazzo

Max. dimensions - single and double sliding doors:

W x H

3200 x 3200 mm



Graphical display:

Air permeability characteristics of hermetic sliding doors (tested door of 10,24 m² area - 3,2 x 3,2 m).

Technical specification:

Parameter	
Power supply	220-240 V~; 50-60 Hz; 275W
Lifetime	10 years / 1,000,000 cycles
Material	stainless steel sheet, t=1 mm, 1.4301 - AISI 304 (options: 1.4404 - AISI 316L) or 1,2 mm powder coated aluminium or HPL, pipe construction 50x50x2 mm - aluminium or options: stainless steel 1.4301 (AISI 304) or 1.4404 (AISI 316L)
Standards	CE, EN 13241:2003+A2:2016; EN 13241-1:2003+A1:2011; EN 12427:2001
Air permeability	according to norm EN 12427: 2001, Class 2
Certificates	tested by ZAG, Report No. 057/20-520-2 Slovenian National Building and Civil Engineering Institute