



HINGED DOOR SYSTEM

Enabling innovation
through clean environments

GROUP
JANSEN
CLEANROOMS & LABS



J'Clean

Cleanroom hinged door system

Maximum durability and hygiene in the most demanding environments

J'Clean cleanroom hinged door systems offer the perfect balance between hygiene, durability, and reliability. They offer a complete solution for both single and double hinged doors and meet the most stringent requirements of cleanroom and laboratory environments, such as ISO 14644 and EU (c)GMP.

The J'Clean hinged door system can be seamlessly integrated with various access control systems and automated locking systems, playing a crucial role in maintaining cleanroom integrity. Manufactured from durable materials that resist stringent cleaning protocols, our doors guarantee a safe and clean working environment. With a focus on ease of use and maintenance, our door systems ensure optimal air sealing as well as a safe and clean environment in the most critical areas.



ADVANTAGES

- Door assembly: door leaf with door frame, including hinge cutout and 3D hinges
- Moisture-resistant, rot and mold-free, impact-resistant, low maintenance
- Antibacterial coating
- Equipped with internal reinforcements
- One-piece door frame: 1.5 mm powder-coated steel
- Optimal air sealing
- Flush finishing
- Available as single or double hinged door
- Fast delivery





TECHNICAL SPECIFICATIONS

Type	J'Clean integrated hinged door system without rebate: <ul style="list-style-type: none"> ➤ Flush finishing of the door leaf and frame ➤ Flush finishing on one side with the wall ensuring seamless alignment with the wall and frame ➤ Tight closure ➤ One or single door
Finishing	Compact grade laminate (HPL) 3 mm: durable, water-resistant, low maintenance Antibacterial coating
Core	Honeycomb structure: lightweight, sturdy, insulating Reinforcement for door closer and electromagnet Reinforcement for handle lock case and/or push plate and puller
Door thickness	41 mm
Hinges	4 pieces in stainless steel
Door frame	Powder-coated steel fitted with a removable three-sided PVC seal Integration with Jansen cleanroom wall (100 mm)
Weight	20 kg/m ²
Dimensions	Standard heights: 2115 mm, 2215 mm, 2315 mm Standard widths: 830 mm, 930 mm, 1030 mm, 1130 mm Additional door leaf double hinged door: 330mm, 430mm or doubling single hinged door
Colors	White, other colors upon request

OPTIONS

Window	<ul style="list-style-type: none"> ➤ Finishing: flush; aluminum profile, laminated glass ➤ Dimensions: 400 x 600 mm; 500 x 900 mm
Door fittings	Push plate, door handle, door knob or lever; door closer with sliding arm
Sealing	Silicone drop down seal at the bottom of the door

The doors are designed with flexibility in mind, allowing for customization to match the specific demands of different cleanroom environments.

Example of customization:

- Door closer: opening limiters, mechanical locking
- Interlock system: built-in/surface-mounted door magnet, magic switch, magnetic contacts, emergency stop, badge reader
- Protection: kick plates, push plates (stainless steel)



ABOUT JANSEN CLEANROOMS & LABS

Turnkey solutions

We specialize in providing comprehensive solutions for the design, engineering, construction and maintenance of cleanrooms, laboratories and operating theaters that meet the highest industry standards.

Modular and customized solutions

We also offer cleanroom and laboratory furniture as well as modular systems that are flexible, expandable and durable, allowing them to easily adapt to changing conditions and growing needs. Our customized solutions are designed to perfectly meet each customer's specific requirements.

Expertise

With our extensive expertise, we provide efficient, reliable and high-quality solutions for cleanrooms and laboratories, where we constantly strive for innovation and sustainability.



END-TO-END PARTNER

Modular solutions, furniture,
Fume hoods



EXPERTISE

+25 years in cleanrooms & labs
+125 years in furniture



COLLABORATIVE APPROACH

Customised solutions



CULTURE OF EXCELLENCE

Quality & reliability

HEALTHTECH | HIGH-TECH | AEROSPACE | CHEMTECH | FOOD | EDUCATION



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