



## WALL SYSTEM

Enabling innovation  
through clean environments

GROUP  
**JANSEN**  
CLEANROOMS & LABS



# J'Clean

## Modular cleanroom wall system

### Maximum durability and hygiene in the most demanding environments

The J'Clean wall system provides the perfect balance between hygiene, durability, and reliability. They are specifically designed to meet the stringent requirements of cleanroom and laboratory environments, such as ISO 14644, EU (c)GMP, and BSL standards.

The Jansen wall systems are modularly designed, offering great flexibility for both construction and future modifications of the cleanroom. The J'Clean wall system consists of a modular double-sided partition wall for internal compartmentalization and a modular single-sided partition wall for exterior cladding. In addition to the standard modules, special technical modules are available that further increase the versatility of the system. This versatility ensures flexibility and provides extensive customization options to meet the specific requirements of every project.

The partitions are made from high-quality materials, ensuring long durability, ease of maintenance, and minimal environmental impact. They feature a smooth surface and are resistant to chemical cleaners.

By choosing Jansen cleanroom wall systems, you invest in a sustainable solution that offers long-term performance, cost savings, and reusability.

### BENEFITS

- ▶ Modular design
- ▶ Dismountable, adaptable and expandable
- ▶ Impact and shock resistant
- ▶ Hygienic and low maintenance
- ▶ Antibacterial coating
- ▶ Shorter assembly time
- ▶ Reduced failure costs
- ▶ Plug and play technical modules
- ▶ Customization possible





## TECHNICAL SPECIFICATIONS

### WALL

Type	J'Clean wall system consists of a double-sided and single-sided finish designed in modules <ul style="list-style-type: none"> <li>➤ Complete integration with the J'Clean door system as well as other Jansen cleanroom systems</li> <li>➤ Flsuh, seamless connections between windows, sliding door systems, and other wall panels</li> </ul>
Frame	Zincor
Finishing	Interior partition wall: double-sided finish Exterior partition wall: single-sided -sided
Weight	Double-sided partition wall: +/- 32,5 kg/m <sup>2</sup> Single-sided partition wall: +/- 17,5 kg/m <sup>2</sup>
Wall sizes	Double-sided partition wall thickness : 100 mm Single-sided partition wall thickness: 80 mm Ceiling height: 2700 mm
Colour	White Ral9010, other solid colors available upon request

### MODULES

Standard module (M)	<ul style="list-style-type: none"> <li>➤ M3, M6, M9, M12</li> <li>➤ Modules available in 300 mm, 600 mm, 900 mm and 1200 mm in width</li> </ul>
Horizontal technical modules (HT)	<ul style="list-style-type: none"> <li>➤ M3HT, M6HT, M9HT, M12HT</li> <li>➤ Modules available in 300 mm, 600 mm, 900 mm and 1200 mm in width</li> </ul>
Vertical technical module (VT)	<ul style="list-style-type: none"> <li>➤ M3VT</li> <li>➤ Module available in 300 mm in width</li> </ul>
Door modules (D)	<ul style="list-style-type: none"> <li>➤ M9D, M12D</li> <li>➤ Modules available in 900 mm, 1200 mm in width</li> </ul>
Vision panel modules (VP)	<ul style="list-style-type: none"> <li>➤ M6VP, M9VP, M12VP</li> <li>➤ Modules available in 600 mm, 900 mm en 1200 mm in width</li> </ul>
Ventilation modules (VM)	<ul style="list-style-type: none"> <li>➤ M9LV, M12LV</li> <li>➤ Modules available in 900 mm, 1200 mm in width</li> </ul>
Fittings (Mx)	Custom-made fittings; can be adjusted to the desired width
Inner corners (IC)	Zincor inner corner
Outer corners (OC)	Steal outer corner

Customization upon request

### OPTIONS

- For horizontal technical modules: Electrical outlets, data outlets, power outlets up to 63A, medical grounding
- For vertical technical modules: Compressed air connections, medical gas connections
- For ventilation modules: Filter medium G4, pressure measurement across the filter



## 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



WWW.GROUPJANSEN.COM



CLEANROOMS-LABS@GROUPJANSEN.COM



+32 11 79 92 00