

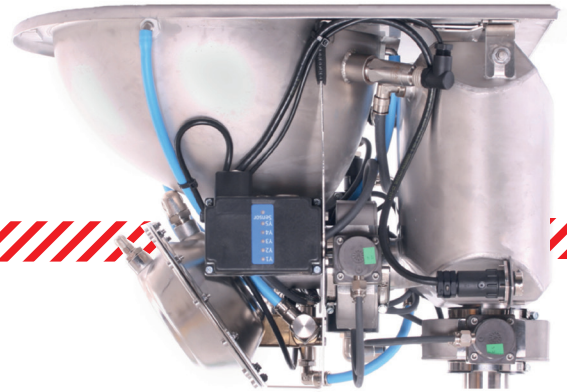


Perfecting  
reliability  
and comfort



# High-End Toilet Module

New Generation compact  
toilet system



THE most advanced railway toilet  
system by THE one-stop-shop  
sanitary systems supplier

Having supplied more than 50,000 toilet  
systems for trains since 1985, Semvac  
developed a “railvolutionary” technology for  
its latest toilet system, achieving outstanding  
reliability levels.

Suitable for any high density or high speed  
train, both on new designs or retrofit projects.  
Standalone or within a full cabin procurement.

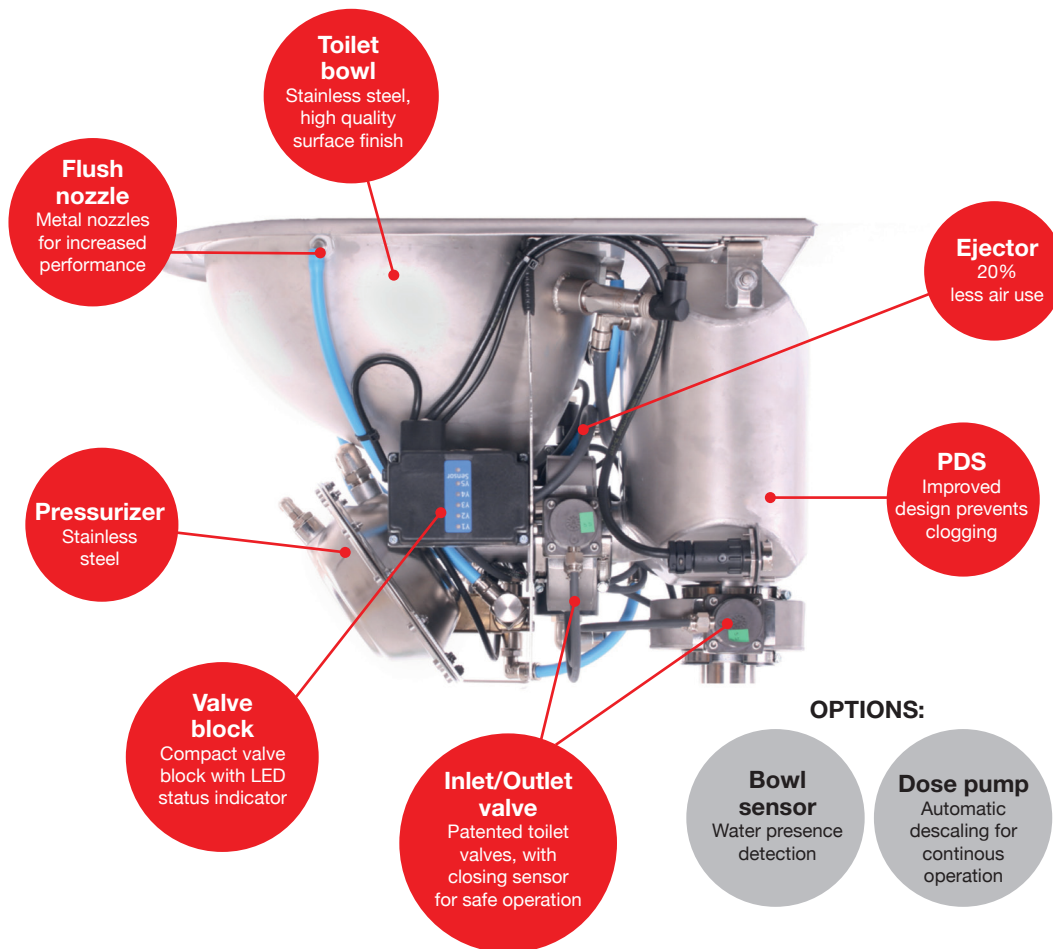


## CUSTOMER BENEFITS:

- + Optimized structure design and shroud integration**  
Space saving & ready-to-fit for any train configuration,  
3-minute removal & installation
- + Low water & air consumption**  
Only 0.4L of water per flush for a cost effective &  
environmental friendly system
- + Increased component durability**  
Unprecedented flush cycle reliability (+400,000 and  
counting) keeps the train running longer
- + Light weight components**  
For a full module weighing less than 19kg
- + Compliant to applicable norms:**  
EN45545, 15085

## Technical characteristics

<b>Compressed air</b>	<ul style="list-style-type: none"> <li>Compressed air supply: min 5 Bar, max 10 Bar</li> <li>Required air supply: 7 litres per second</li> </ul>
<b>Air consumption per cycle</b>	<ul style="list-style-type: none"> <li>Air consumption (depending on system): 25 - 50NI/cycle</li> </ul>
<b>Flush system</b>	<ul style="list-style-type: none"> <li>Water consumption (controlled by software): 0.30 - 0.60 litres/cycle</li> </ul>
<b>Valve block</b>	<ul style="list-style-type: none"> <li>Power supply (EN 50155:2017 24V): 18-31 V DC</li> <li>Power consumption: 75 mA at 24 V DC</li> <li>Power consumption/valve: max. 1,7W at 24 V DC</li> </ul>
<b>Total weight</b>	<ul style="list-style-type: none"> <li>Apprx. 19 Kg</li> </ul>
<b>Temperature range</b>	<ul style="list-style-type: none"> <li>Operational: 0°C to 70°C</li> <li>Stock drained (EN 50125-1:1999 - T3): -30°C to 70°C</li> </ul>



To have more information about all our **Sanitary Systems solutions**, please contact us at:

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