



**EVAC**

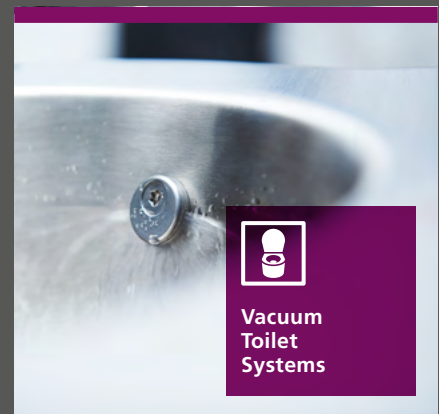
# EVAC 2000 Vacuum Toilet System



Vacuum Toilet  
Systems

# Product Overview

The vital ingredient for truly exceptional results



- » Every single product designed to meet highest technical expectations
- » Continuous innovations and updates guarantee future-proof investments
- » All products extensively tested and tailored to our clients' specifications

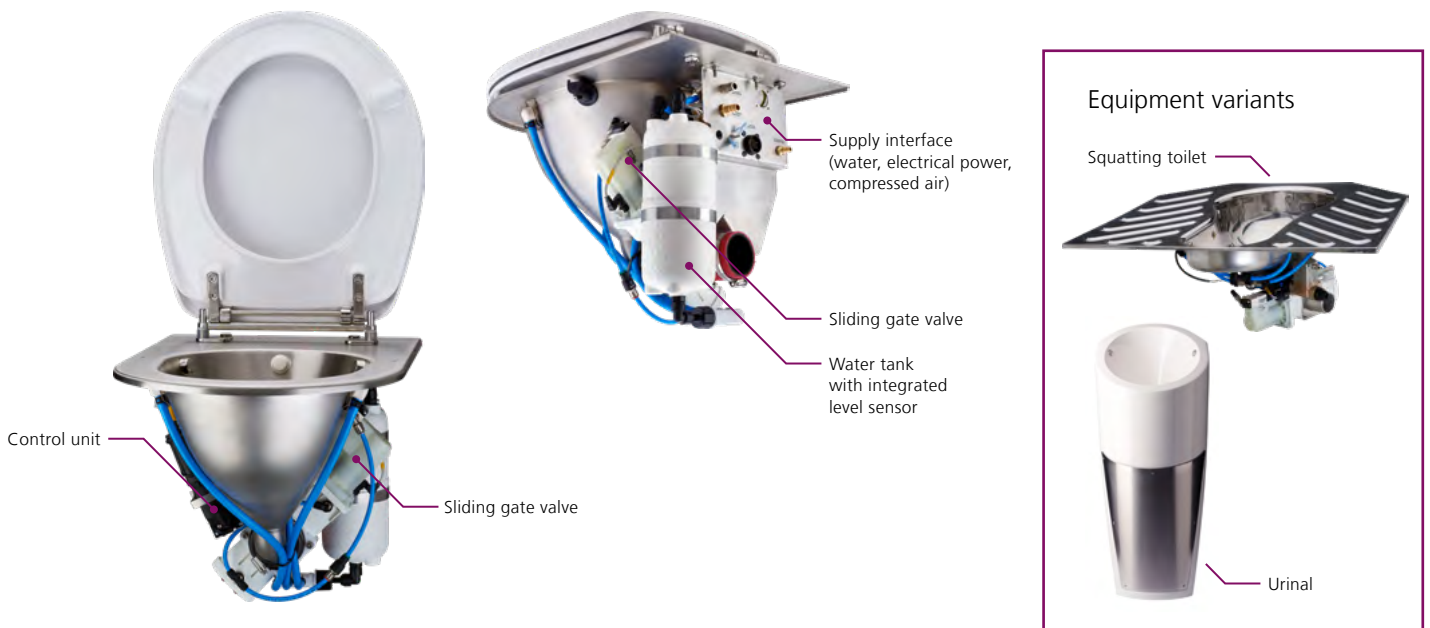
# Evac 2000

One Tank. One Vacuum. Multiple Units.

## System Design

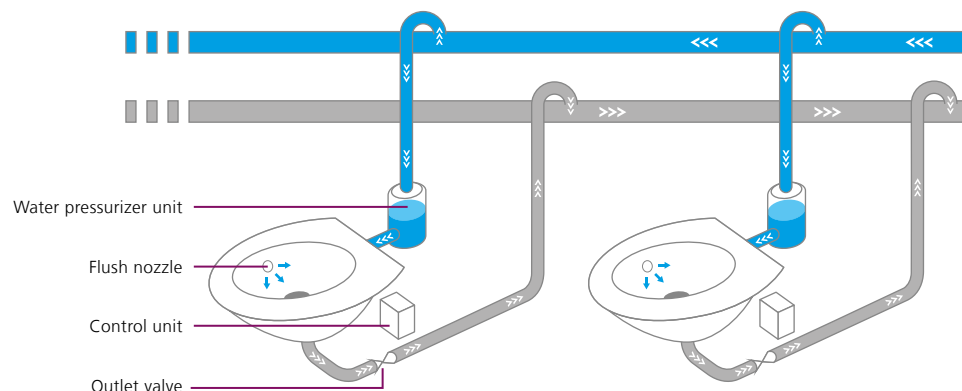
With one centralized waste water tank, the Evac 2000 effortlessly services multiple toilet units – with all the reliability and efficiency that have become Evac’s trademark. Even with long pipes, risk of blockages is extremely low. Available as both a permanent vacuum and vacuum on demand solution, the Evac 2000 is easily adaptable to almost any piping layout and setting.

Toilet units can be configured in sit-down, squatting pan and urinal styles. In addition to increased space efficiency, the centralized vacuum and waste water tank also serves to ease maintenance. An advanced electronic control panel with a wide range of alarm, control and monitoring functions as well as robust software with built-in fault detection and trouble shooting contribute towards worry-free operation.












## How it works

- » The ejector unit creates a vacuum (on flush activation or permanently)
- » The bowl is rinsed
- » The gate valve opens
- » Bowl contents are discharged into the central waste water tank, sucked in at high speed by the vacuum
- » Emptying central tank clears waste from all connected units



## General Technical Data

-  Approx. 15–17 kg per toilet
-  Without seat: H 490 x W 380 x I 450 mm
-  24 V DC (+/- 30 %)
-  EN 45545
-  Approx. 40–50 liters expanded air per flush
-  Approx. 0.5 liters per flush
-  2.2 W (standby) – 18 W (operational)
-  Max. number of toilets: ca. 20 per car
-  Max. pipe length: over the entire length of the car

## Accessories and Maintenance Products



### Flush Water Additive

Preventing lime deposits as well as blocked pipes, EnviroClean and EnviroClean Eco (without biocides) are designed to improve cleanliness, performance and longevity of the entire sanitary system. During each flush, a small amount of additive is added to the water by a dosing pump.

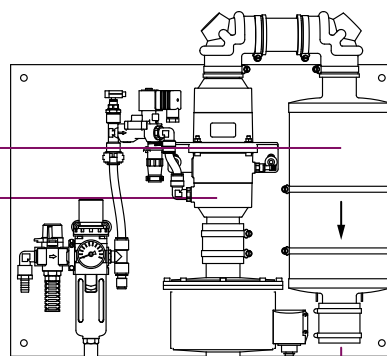
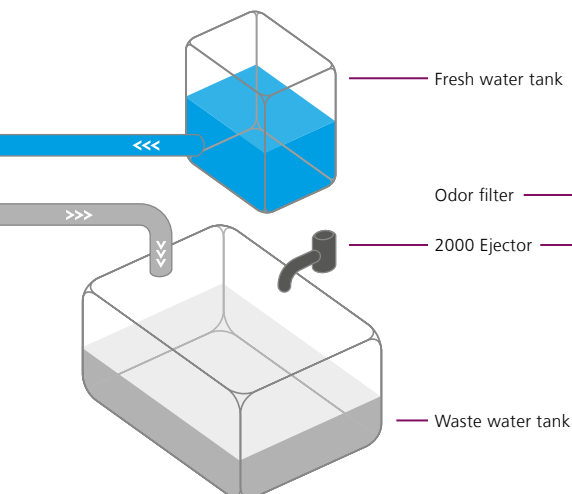
### Tank Solutions

Fresh water, grey water or waste water: Based on Evac's unrivalled expertise and experience, our dedicated engineers are up to any challenge when it comes to designing durable, cost-efficient tank solutions as well as custom-built frames with minimum space requirements.



### Odor Filter

Moving large amounts of air is integral to the Evac 2000 system. The odor filter makes sure that unpleasant smells are removed effectively and efficiently. Positioned next to the ejector in the vacuum panel, it filters all the air suctioned from the waste water tank.



### Vacuum Panel

The vacuum panel featuring ejector and odor filter is a defining characteristic of the Evac 2000 system. Its purpose is to create a vacuum by removing (evacuating) air from the waste water tank. The air is then pressed through the odor filter and ejected to the outside.

# Evac Train – Integrating Excellence



For more than 40 years, Evac solutions have been known for outstanding reliability, efficiency and low maintenance. As the world's leading provider of completely integrated sanitary systems for trains, we have been generating state-of-the-art components with "built-in" field experience of about 100,000 vacuum systems installed worldwide – and counting.

With extensive expertise and rigid quality assurance, we develop and integrate high-class components into seamless systems that, just like railways, are much more than the sum of their parts – individually tailored for the demands and conditions of vastly different markets in many countries. Introducing a maximum level of performance and stability into any system while using minimum resources and space is our day-to-day business. This is why integrating Evac is integrating excellence.



**EVAC**

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