



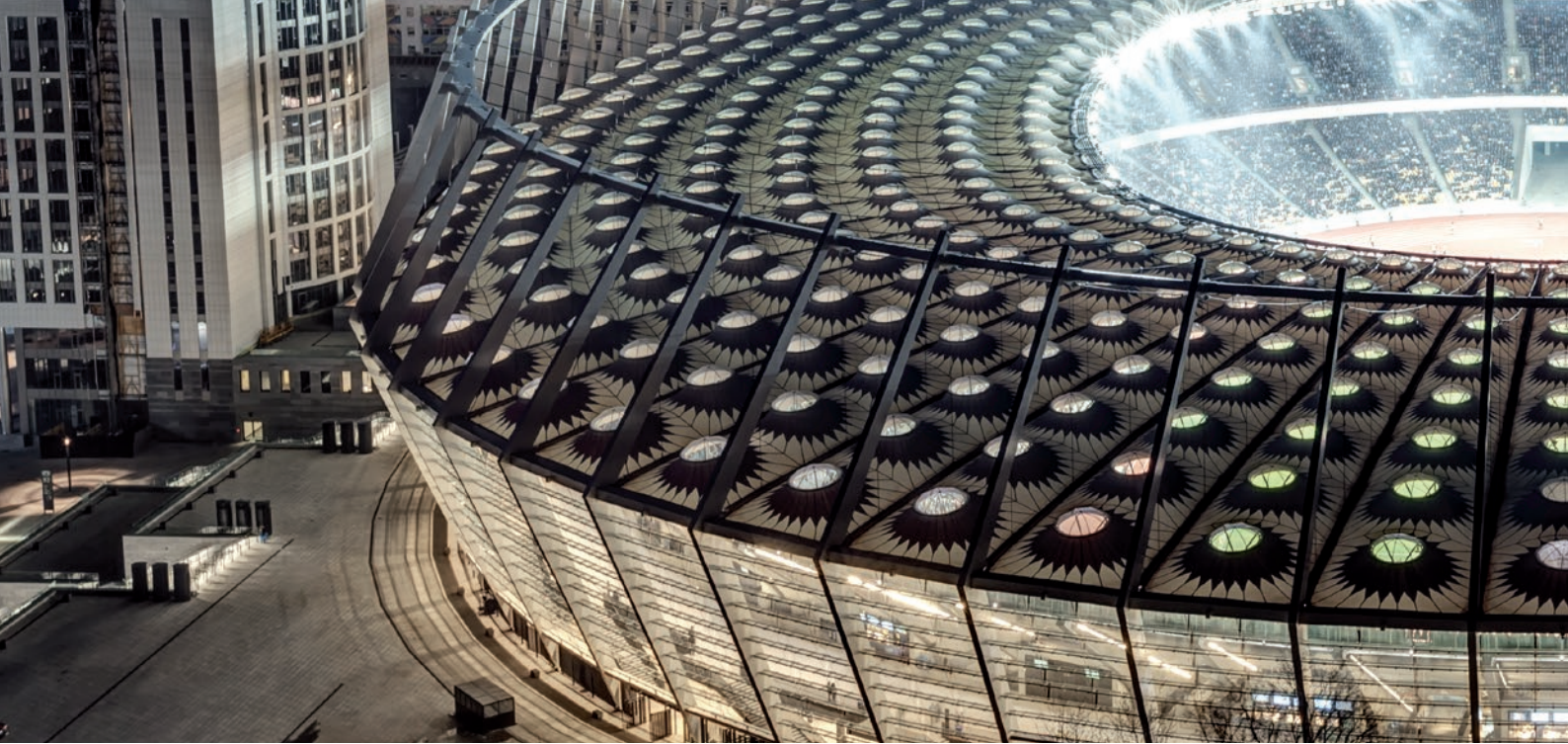
Roediger

Innovative Technology for Buildings



# Vacuum Sanitation Systems

A brand of  
Aqseptence Group



# A Strong Partner for Demanding Standards

Roediger® – a Brand of Aqseptence Group

German engineering in the service of water management – our mission can be summed up in this single sentence. As part of the globally operating Aqseptence Group, we develop and deliver proven technologies and innovative solutions for the responsible handling of water. This, particularly in the form of vacuum technology, where we are Market Leader, and have been recognized as being such for many years now.

When it comes to fitting out buildings with vacuum sanitation technology, we are considered to be amongst the most competent of companies. Our systems are extremely economical as regards the saving of water, and are very flexible to use, require little maintenance, and serve for cleanest comfort: valuable advantages, whenever modern architecture and building complexes are involved, and from which very different types of demanding application may profit – for example, hospitals, congress/exhibition centres, airports, train stations and sports grounds.





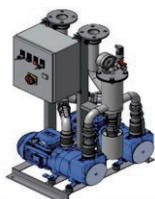
## Roediger-Airvac Compact Vacuum Stations

Pre-assembled units for all applications



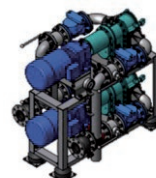
**Type 15/20/25/70**

Single pump units for small applications



**Type 30/50**

Double pump units for small applications



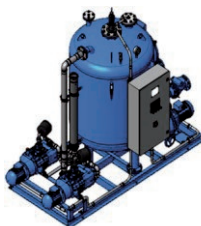
**Type 40**

Double pump unit for small applications



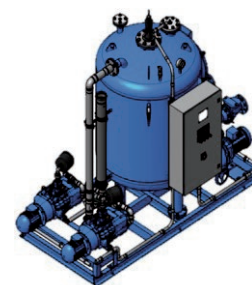
**Type 70**

Vacuum tank unit for mid-size applications



**Type 85**

Vacuum tank unit for mid-size applications



**Type 140**

Vacuum tank unit for bigger applications



**Type 360**

Vacuum tank unit for large applications



# Suitable for every type of architectural challenge:

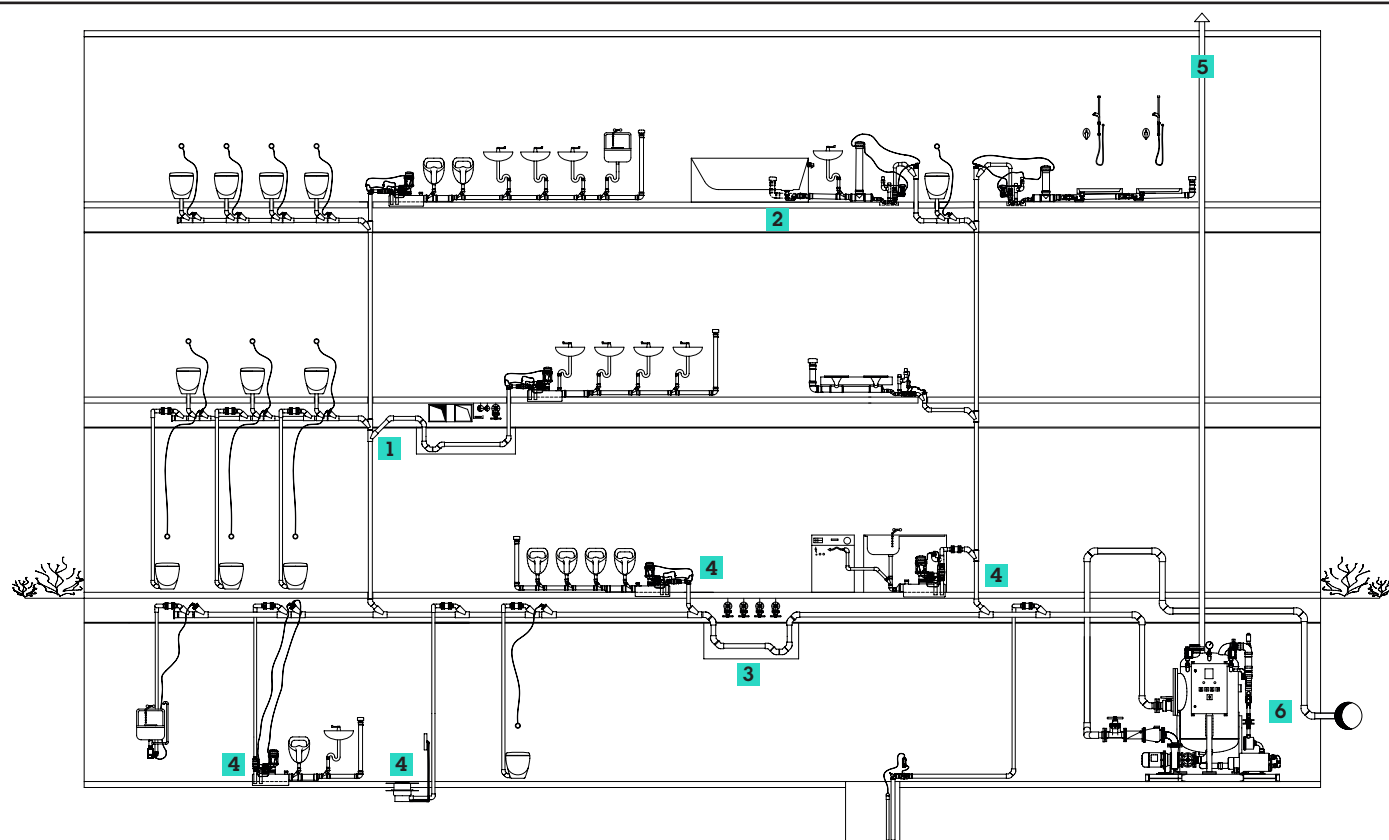
## Roediger-Airvac Vacuum Sanitation Technology

Public buildings, especially, frequently amaze us with their spectacular architecture, serving as great examples regarding sustainability and the intelligent use of resources. At the same time, due to their multifunctional use, they are confronted with certain issues arising from the fact that their tenants are frequently changing and that they have variable numbers of visitors. The demands on sanitation technology are therefore numerous, as it must deal with all these challenges.

There exists a whole host of challenges which Roediger-Airvac Vacuum Sanitation Technology, together with our innovative spirit

and engineering competence, is able to successfully solve: this, because the pipe network can be specifically attuned to the particular architectural features involved. Gravity is neutralized by application of a vacuum, and by this means is sewage water transported, not only upwards, but also over longer horizontal distances. Water consumption is thereby significantly reduced, as compared to when using traditional sanitation technology, and high flow velocities prevent sedimentation in the pipework. It's a modern system which stands for hygiene and cleanliness - not only today, but also in the future.





**1**

**Lifting wastewater**  
up to 4,50 m high –  
above suspended ceilings

**2**

**Horizontal transport**  
with minimum slope –  
ideal for long distances

**3**

**Circumventing obstacles**  
over or under obstacles –  
enables flexibility of pipe routing

**4**

**Evacuation units**  
for all kinds of wastewater in the building

**5**

**One ventilation pipe**  
required for the whole drainage system  
of the building

**6**

**One wastewater outlet**  
for the whole building – without any  
additional back-flow prevention



# For Proper Handling of the Resource Water:

## Roediger-Airvac Vacuum Toilets

Water is valuable – everywhere in the world. In order to deal with this valuable resource as carefully as possible, our Roediger-Airvac vacuum toilets use air for transporting sewage water.

Water is only used, in order to effect a hygienic cleaning of the toilet bowl. Water usage per flush is thereby reduced by 85%, as compared to when using traditional toilets. This results in both ecological and economic benefits for your building.







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#### **Vacuum Toilets**

1 liter/flush = best in water saving

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#### **Evacuation Unit Floor Drain**

for the hygienic cleaning of floors



#### **Evacuation Unit AE 25**

for single washbasins



#### **Evacuation Units PE 5/7**

for all kinds of wastewater, from urinals and washbasins, to showers and bathtubs

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