



Developers

Why Residential Real Estate Developers Choose Vacuum Sewer Systems

Smaller Footprint. Bigger Returns. Proven Technology.

Making a difference **today**, for a better **tomorrow**.



**Build Smarter.
Build Faster.**

As a residential real estate developer, **your focus is on profitability**, speed, and long-term value. Traditional gravity sewer systems often slow projects down, eat up valuable land, and inflate costs.

Airvac’s vacuum sewer technology offers **a smarter alternative** – delivering efficiency, cost savings, and trusted performance.

Key Developer Benefits:

**NO
DEEP
DIGS**

Faster Installation,
Minimized
Dewatering.

ONE
VACUUM STATION
**2,000+
HOMES**

Simplified
Infrastructure.

**FAST
LEAD
TIMES**

Keeps Schedules
on Track.

**LOWER
UPFRONT
CAPITAL AND
CONSTRUCTION
COSTS**

Savings from
Day One.

Reduced Initial Capital Expenses.

- No Manholes Required**
This maintains natural beauty and eliminates inflow and infiltration.

Minimum Surface Disruption
Minimal disruption to existing community.

Shallow Main Lines
Ease of installation and expansion.

Eliminate Multiple Lift Stations
One vacuum station can replace five or six lift stations.
- More Lots Available for Sale**
Fewer lots needed for lift stations mean more desirable lots are available for sale.

Expandability
Service may be easily extended into future construction phases.

Sealed System
Protects environmentally sensitive areas.

Develop on Difficult Terrain
Difficult terrains are a possibility with our system’s unique flexibility.



Homeowners Can Benefit from Vacuum Sewer Technology as well.

Reliable Service

Vacuum sewer systems do not require anything from the homeowner. No power is required at the valve pits, so the system will continue to work during power outages. Because wastewater travels through vacuum sewer lines at a very high velocity, clogging and blockages are almost nonexistent.

Environmentally Friendly

Airvac vacuum Sewer systems conserve and protect natural resources. Shallow, narrow trenches and absence of manholes result in less surface disruption during construction, compared to the deep, wide trenches that are typical of a gravity system. Tight by nature, Airvac vacuum sewer systems are not affected by I&I nor can sewage leak into the environment.

State-of-the-Art Technology

Airvac vacuum sewer systems are used throughout the world and are rapidly becoming the sewer system of choice for many. This leading edge technology conserves natural resources, is environmentally friendly and allows system operators to avoid direct contact with raw sewage as well as man-entry into confined spaces.

Universally Accepted Technology

Typically, developers install sewer systems that will be operated and maintained by others, such as a City. With a proven track record in the municipal market, Airvac is available to help the developer explain the features and benefits to those who ultimately must maintain the system.

With decades of proven success and references from municipalities and utilities nationwide, Airvac delivers the **reliability** developers need and the **cost savings** they desire.

Whether you're planning a large-scale community or a phased development, Airvac helps you **build smarter and sell faster.**

Founded in 1969.

Airvac was an early pioneer of vacuum sewer technology. Our legacy is built on industry-leading innovations and outstanding customer service. Our company culture is “**customer first**”, backed by a staff that is passionate, experienced, and committed.

Our facilities.

Airvac operates its administration, engineering, fabrication, production, and service training facilities on a spacious 40-acre site in Rochester, Indiana, encompassing over 100,000 square feet (9,300m²) of covered space. Our 8,500 square foot (790m²) Customer Solutions Center is situated in Tampa, Florida. Additionally, Airvac has sales and service representatives located in Europe, Latin America, and Australia.

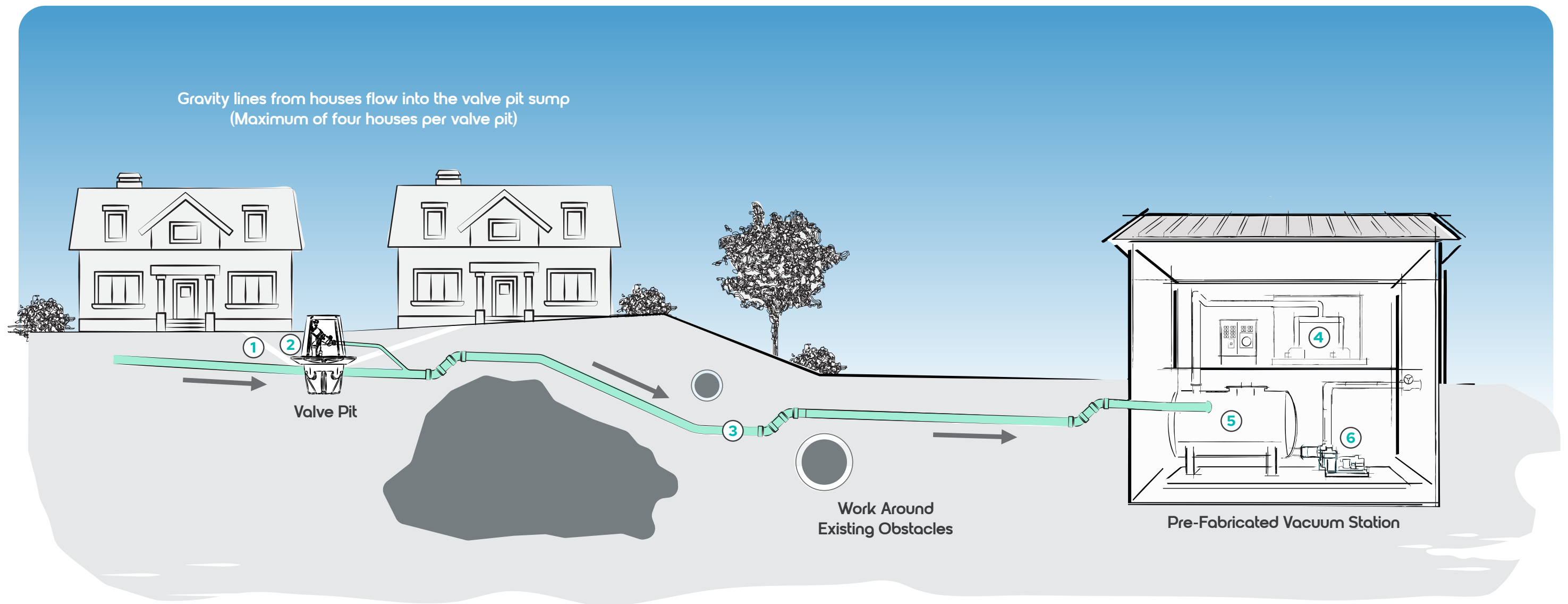
We are **ISO-9001:2015** certified.



ISO-9001:2015 Certification is the international standard for quality management systems (“QMS”). This demonstrates our ability to consistently provide products and services that meet customer and regulatory requirements and demonstrates our commitment to continuous improvement.

We build our products to be **durable, safe, effective, and easily maintained.**

Our core of engineers develop and continually improve our products based on ingenuity, adaptability, reliability, and affordability. Every product is designed to work with existing systems, either out of the box or with a minor retrofit, and existing products can be improved by adapting newer components. We stand behind and support every product we make.



How It Works

Our completely closed vacuum sewer collection system prevents infiltration and inflow of groundwater from the valve pit to the vacuum station, protecting waterways from exfiltrating wastewater.

1

A traditional gravity line carries wastewater from a customer's home to an Airvac valve pit package.

2

The Airvac vacuum valve opens when 10 gallons of sewage collects in the sump and then differential pressure propels the contents into the vacuum main.

3

Wastewater travels at 15 to 18 fps in a vacuum main, which is laid in a sawtooth fashion to ensure adequate vacuum levels at the end of each line.

4

At the vacuum station, Vacuum pumps cycle on and off as needed to maintain a constant level of vacuum on the entire collection system.

5

Wastewater enters the collection tank and fills to a predetermined level.

6

Sewage pumps then transfer the sewage to the treatment plant via a force main.

The Airvac Advantage for Residential Real Estate Developers

**Build Smarter. Build Faster.
Cut Costs. Boost Profits.
Proven Technology. Ready for You.**

Airvac vacuum sewer systems redefine how developers approach neighborhood infrastructure. With lower upfront investment, faster installation, and more land available for sale, Airvac helps you maximize returns while meeting municipal requirements.

**Ready to see how Airvac can add value
to your next development?
Contact Us Today.**

1-800-AIRVAC9

or visit airvac.com
info@airvac.com

We provide FREE cost estimates & system layouts.



Airvac, Inc.
4217 N Old US Highway 31
Rochester, IN 46975 | USA
+1 800 247-8239
www.airvac.com
info@airvac.com



Roediger Vacuum GmbH
Kinzigheimer Weg 104
Hanau, Hessen 63450 | Germany
+49 6181 309 275
www.roediger-vacuum.com
info@roediger-vacuum.com

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