



**PENTAIR**  
**FLOW**

Moving Forward  
What's Essential



Pentair Flow is a leading global provider of innovative flow solutions including pumps, membrane filtration and CO<sub>2</sub> technologies for customers across multiple industries.



Watch how our smart, sustainable flow solutions move life's essential resources around the world.

# Moving Forward What's Essential

For Homes,  
Communities,  
Industries and  
the Planet



We optimize the flow of essential resources to enhance communities and industries, while protecting people, property and the future of our planet.

At Pentair Flow, every day is a new opportunity to help our customers find better, smarter ways of solving the challenges of a rapidly changing world.

From high quality water supply and efficient wastewater removal to flood and fire protection, CO<sub>2</sub> capture and more, our scalable flow solutions help **enrich lives and strengthen communities** around the globe.

**Our trusted brands** represent many generations of combined experience and expertise caring for people, property and the planet through unparalleled engineering and service.

We bring our industriousness and integrity to a new era of unprecedented uncertainty, **delivering sustainable system designs that drive efficiency and boost performance.**

## Commercial



## Municipal



## Food & Beverage



## Industrial



## Residential



## Agriculture



### COMMERCIAL

Protecting people and property in critical applications and enhancing building systems

### MUNICIPAL

Wastewater management and flood protection for homes and cities

### FOOD & BEVERAGE

Innovating with brewers, vintners and dairy producers to optimize their processes

### INDUSTRIAL

Enabling industries to responsibly use life's most essential resource

### RESIDENTIAL






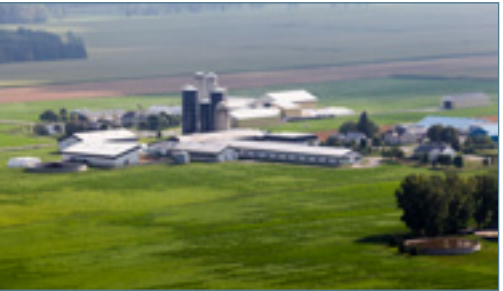






Equipping homes for sustainable household water consumption and disposal

### AGRICULTURE

Irrigating agricultural fields and growing food

## Moving Forward What's Essential

Operating across six interdependent global markets, Pentair Flow unites brands and products built on many generations of excellence in their sector. This deep knowledge and proven expertise across multiple industries empowers us to meet our partners' complex needs with holistic, scalable solutions that keep everyone moving forward together.

					
COMMERCIAL	MUNICIPAL	FOOD & BEVERAGE	INDUSTRIAL	RESIDENTIAL	AGRICULTURE
<p><b>Water Supply and Disposal</b></p>	<p><b>Water Supply, Disposal and Infrastructure Solutions</b></p>	<p><b>Beer Membrane Filtration and Quality Control, CO<sub>2</sub> Recovery</b></p>	<p><b>Wastewater Management, Fluids Handling, CO<sub>2</sub> Capture</b></p>	<p><b>Water Supply and Disposal</b></p>	<p><b>Irrigation, Spray and Specialty</b></p>
<p>Protecting commercial properties and communities from fire and flood hazards with sophisticated utility pump solutions while solving the HVAC, water movement and comfort needs of commercial properties.</p>	<p>Mission-critical infrastructure technologies address large-scale challenges with solutions ranging from sustainable flood control to wastewater management solutions.</p>	<p>Helping our partners develop complete process solutions that use data-driven insights to optimize quality, efficiency and sustainability.</p>	<p>Optimizing global resources by helping our partners meet their sustainability goals while keeping pace with evolving production demands.</p>	<p>Supporting water movement professionals with reliable pump solutions that simplify household water supply and wastewater disposal.</p>	<p>Sustainable, technology-driven solutions deliver irrigation accuracy and efficiency while supporting safer chemical application and reducing drift.</p>
<p> <a href="#">Commercial Solutions</a></p>	<p> <a href="#">Municipal Solutions</a></p>	<p> <a href="#">Food &amp; Beverage Solutions</a></p>	<p> <a href="#">Industrial Solutions</a></p>	<p> <a href="#">Residential Solutions</a></p>	<p> <a href="#">Agriculture Solutions</a></p>

## Commercial

Our sophisticated solutions synchronize building-wide flow systems to help our customers meet the complex demands of commercial properties with functions that include efficient fire suppression, HVAC, clean water supply and dirty water removal.



We equip our customers with systems engineered to lower installation and operational costs while delivering reliable performance, ease of maintenance, and a seamless coordination of building flow functions.

### PRODUCT CATEGORIES

- Fire Suppression
- HVAC/Water Transportation
- Water Supply and Disposal

### BRANDS

Aurora Fairbanks Nijhuis  
Hydromatic Myers  
Southern Cross

## Municipal

Against a backdrop of changing weather patterns and increasingly complex waste problems, we help our municipal customers innovate to reduce power consumption and increase uptime for pumps, lifting stations and wastewater stations of every scale.



“Without pumps like this, much of the Netherlands would be underwater, including the city of Amsterdam. It’s a phenomenal achievement.”

—Dan Hrkalovich, General Manager, Pentair Flow Commercial and Infrastructure

Just outside Amsterdam sits the Fairbanks Nijhuis Pump, recognized by the Guinness Book of World Records as the world’s largest. Its Pentair Flow retrofit and hydraulic path design could fill an Olympic-sized swimming pool in 50 seconds. The pump is part of the IJmuiden Pumping Station, whose combined water moving capacity keeps approximately 20% of the Netherlands’ land mass above damaging water levels.

- PRODUCT CATEGORIES**
- Large Municipal Flood Pumps
  - Municipal Wastewater Pumps

- BRANDS**
- Aurora
  - Fairbanks Nijhuis
  - Hydromatic
  - Myers
  - Southern Cross

## Food & Beverage

Our innovations in microfiltration and pressure-driven membrane technology help brewers, wine and dairy producers enhance industrial applications by streamlining operational efficiency, maintaining quality, and reducing footprints for water, energy, solid waste and carbon emissions.

Dr. Magda Avramescu describes how innovations developed by her Netherlands-based R&D team are being used in the dairy industry to increase valuable milk production from 10% to 100%.



### PRODUCT CATEGORIES

- Membrane Filtration
- Hygienic Valves
- CO<sub>2</sub> Extraction & Recovery
- Quality Control Equipment
- Microfiltration
- Water Deaeration
- Carbonation & Blending

### BRANDS

- Codeline
- Goyen Mecair
- Haffmans
- Shurflo
- Südmo
- Union Engineering
- X-Flow



“This is an extremely important building block for us to brew beer sustainably [with 100% CO<sub>2</sub> self-sufficiency]. We look at what the customer of the future wants — and are well prepared.”

—Christian Dahnke, Paulaner Brewmaster



## Industrial

Smart filtration technologies. Biogas upgrading and wastewater management. Our flow solutions apply deep expertise and experience to the needs of industrial markets around the world, solving the industry's evolving water & sustainability (subject to ESG comment below) challenges.

**7.61 million**

metric tons of CO<sub>2</sub>:  
Projected annual recovery for Pentair Flow customers<sup>1</sup>



**194 million**

NM<sup>3</sup> of renewable biomethane: Projected annual output from Pentair Biogas Upgrading Systems<sup>1</sup>



For industries wanting to optimize resources while lowering their carbon footprint and participating in the circular economy, Pentair Flow can help. Through our carbon capture solutions, we honor our commitment to aiding decarbonization, as well as helping to minimize climate change and its impact on the world.



### PRODUCT CATEGORIES

- Wastewater Management
- CO<sub>2</sub> Capture
- Biogas Upgrading
- Oil & Gas Separation Solutions
- Fluid Separations
- Air Solutions

### BRANDS

- Codeline
- Goyen Mecair
- Haffmans
- Shurflo
- Union Engineering
- X-Flow

## Residential

Every household deserves complete confidence that clean, high-quality water will flow when and where it's needed – and that wastewater removal will be worry-free. We help our water supply and disposal partners deliver this priceless peace of mind to their communities.



From supply and disposal pumps to filtration and irrigation systems, our residential water solutions are more than just ruggedly reliable. They're designed for efficiency and durability, setting sustainability standards for fewer emissions and fewer watts.

### PRODUCT CATEGORIES

- Well Water Pumps
- Residential Wastewater Pumps
- Sump Pumps

### BRANDS

- Flotec
- Hydromatic
- Jung Pumpen
- Myers
- Onga
- Pentek
- Pro-Source
- Sta-Rite
- Shurflo
- Simer
- WellMate

## Agriculture

From protecting crops to caring for livestock, we help our customers design scalable agricultural flow solutions that deliver the right specs for every application, helping farmers meet their sustainability goals.



Pentair Flow and Syngenta teamed up to help a Belgian farmer grow high-yield crops in a strict regulatory environment. The resulting closed transfer system maximizes performance while meeting drift targets.

"[We've developed] nozzles that will deliver the chemical exactly where it's needed but meet those drift targets. It allows [farmers] to do two things that were impossible at the same time: to get really good performance but also to get these very high levels of drift reduction. And that's just not really been possible in the past."

—Roger James, Global Project Manager, Pentair Flow



### PRODUCT CATEGORIES

- Spray and Specialty Nozzles
- Irrigation

### BRANDS

- Berkeley
- Hypro
- Pentek
- Surflo



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