



Building Solutions

TO SOLVE WATER CHALLENGES IN BUILDINGS AND BEYOND



Xylem in Europe

Constructing a building alone is no easy task, leave the building systems challenge with a solutions expert.

Building solution expertise

With over a century of experience working with partners like you, we've custom designed solutions to fit every type of building. So you can trust our building solutions experts to help solve your most complex water challenges with the right equipment, services and expertise, no matter the application. Our dedicated centres of excellence across Europe bring together our solution experts to customise the best solutions for our business partners.

Broad portfolio

Your building requires dependable, high quality water and a comfortable climate. Our reliable, highly efficient water supply, pressure boosting, wastewater, HVAC and fire protection solutions ensure that the all-important water factor in your building is environmentally friendly, protects your assets and optimises operational costs. Our product selection and BIM technology can help you accurately select and simulate how the building systems will operate without lifting a spade.

Smart connectivity

Our smart solutions ensure real-time monitoring and powerful data analytics for useful insights that remove guesswork and worry from your building systems, so it can always run at peak efficiency with added maintenance and service savings.

True business partners

We don't simply sell equipment and leave you to figure out what to do with it. We look at your challenges and devise ways to solve them with less effort and expense. That's the real benefit of working with Xylem.

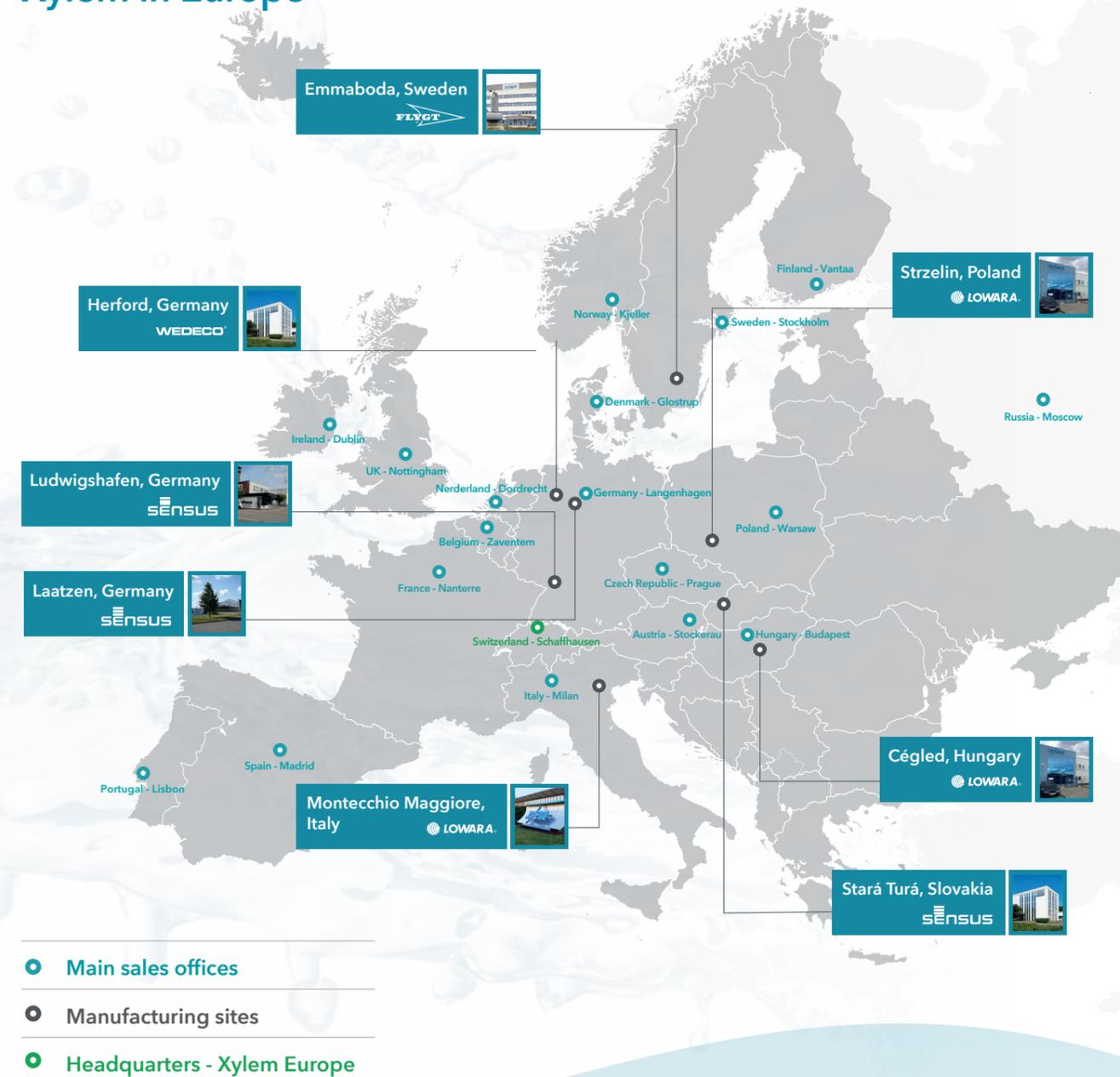
Committed to solving water

As a Fortune 1000 global water technology provider, we have one mission: to help our business partners solve water through the power of technology and expertise.

Our Watermark program and Man City Partnership is focused on educating communities about water sanitation and hygiene and the value of water. Together, it is possible to create a world that is more water-secure and sustainable for all.



Xylem in Europe



- Main sales offices
- Manufacturing sites
- Headquarters - Xylem Europe

Scan the QR codes to learn more:



xylem watermark



Your sustainable building solutions partner

Buildings are built for people. As people, we spend a lot of time in buildings, new or old, for home, work or play. To optimise comfort and safety, buildings require systems for thermal heating, cooling, ventilation, water supply, wastewater handling and fire protection – all of which demand high consumption of water and energy, thus impacting our environment and climate change.

There is a huge opportunity for building solutions to be more sustainable and environmentally friendly. The first step is modernising existing buildings and optimising new constructions. Historical, inefficient systems can be retrospectively replaced with state-of-the-art systems that meet current standards and future regulatory specs. New buildings can be designed for the modern age, taking advantage of the latest technological advances and science. Our systems are designed to meet these requirements in the most efficient way, whilst reducing energy demands and carbon emissions, helping in our journey towards net zero.



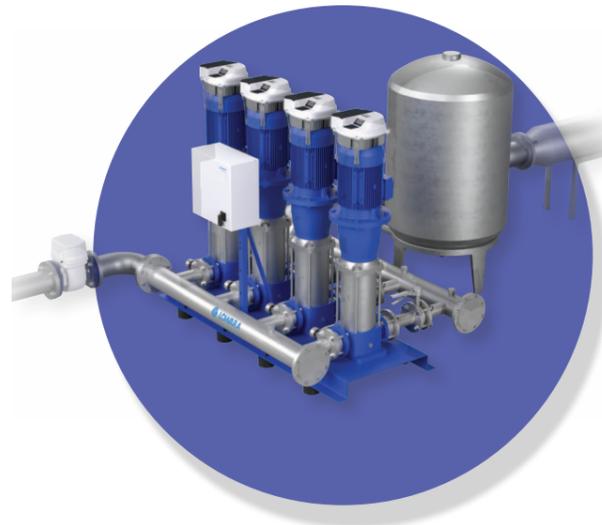
As architects, engineers, consultants, plumbers, installers, distributors, specifiers, property and homeowners, operators, contractors, facility managers, wholesalers, OEMs and more, the opportunity to join us on the net zero journey is in your hands, as key decision makers of the building supply chain.

At Xylem, we're ready to provide the support and added value at each stage of the supply chain, as your single, all-encompassing sustainable building solutions partner. We've already partnered with like-minded customers to develop greener, smarter buildings worldwide. From residential and commercial offices, skyscrapers, shopping malls, to hospitals, industrial complexes, data centres, airports, train stations and leisure resorts, you name it, our in-house experts are ready to customise a solution to meet your needs.

Speak to one of our building solution experts today and join us on the journey to net zero!

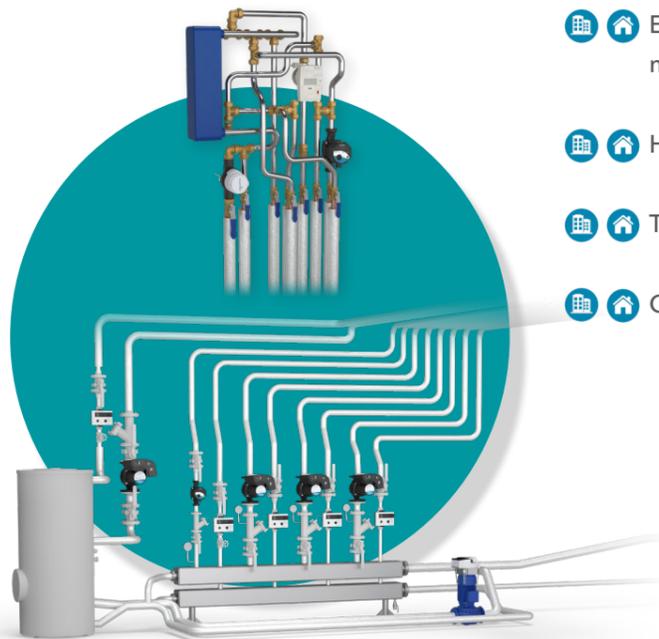
xylem
Building Solutions

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Application:

- Residential
- Commercial

Water supply and pressure boosting

Water is an invaluable life-sustaining force. Where there's water there is life, and the way we treat water directly impacts our modern way of life. Finding solutions that ensure efficient treatment and a reliable stable supply in the most sustainable way is a challenge we face, accept and solve every day.



Water supply & pressure boosting solutions

Water is essential for life and an indispensable resource for the economy. Considering the increasing water scarcity, water efficiency has become a subject that has to be taken seriously. Water efficiency is key and directly connected to energy consumption, together contributing to a greener footprint of buildings, and contributing to achieve UN Sustainable Development Goals.

Water consumption varies with respect to culture, demographic conditions, climate - and of course building type and the standard of the water supply solution. Our job is to find a solution tailored to every need.

Challenges

Water demand, pressure stabilisation, energy supply, thermal needs, control, and monitoring. There are many aspects adding up to the total stress of the water supply system in a building. Peak consumption during the day with multiple open taps in commercial buildings, offices and multi-residential being one. Reliable temperature control being another. Other things to consider are other integrated systems in the building, like solar panels, air conditioning units, water tanks, or rainwater harvesting.

Our goal is to guarantee reliable systems with stable water supply and pressure tailored to consumer water demand, at the same time extending the life of water systems and reducing maintenance needs. Moreover, we always strive to find solutions with the highest possible efficiency in order to minimise energy consumption and carbon footprint.

Water supply & pressure boosting

Multi-stage pumps

e-HM, e-SV, e-MPA/R/D/V

e-HM
Horizontal multi-stage pump



Wide range of sizes and variants to suit required water supply & pressure demand.

Reduced energy footprint due to highly efficient hydraulics, motor and drive options.

Suitable for compact spaces: Small footprint of vertical, low height and horizontal solutions.

Robust design features and material selection options reduces maintenance needs and costs.

Compliant with potable water standards ACS, WRAS, DM174/2004.



e-MPV
Casted multi-stage vertical pump

e-SV
Fabricated multi-stage vertical pump



e-MPA



e-MPD



e-MPR



| Model | Max. flow (m ³ /h) | Max. height (m) | Max. power (kW) | Temperature range (°C) |
|-----------|-------------------------------|-----------------|-----------------|------------------------|
| e-HM | 29 | 160 | 5.5 | -10 up to +120 |
| e-SV | 160 | 330 | 55 | -30 up to +180 |
| e-MPA/R/R | 850 | 950 | 1250 | -25 up to +120 |
| e-MPV | 850 | 630 | 355 | -25 up to +120 |

End suction pumps

CEA, CEA-CO, BG

Robust & reliable design for building, garden & industrial applications.

For potable water certification required systems (CEA).

For garden applications handling water with suspended solids, less to clog easier to clean (CEA-CO).

Simple installation & commissioning due to self priming (BG).



CEA-CO



BG



CEA

| Model | Max. flow (m ³ /h) | Max. height (m) | Temperature range (°C) |
|--------|-------------------------------|-----------------|------------------------|
| CEA | 31 | 30 | 110 |
| CEA-CO | 54 | 24 | 110 |
| BG | 4.2 | 53 | 40 |

Pressurisation Sets

Prefix Range

Lowara Prefix pressurisation units are designed to replace water that has been lost through system leakage

Maintains the system design fill pressure in sealed heating and chilled water systems in accordance with BS7074 parts 1, 2 & 3

Prefix units also provide safety circuits locking out the boiler / chiller in the advent of high/ low pressures occurring.

Expanded water is accommodated in membrane vessel/s that are supplied separately and normally installed alongside the Prefix unit.

Perfect for either domestic or industrial environments.

Three levels of physical size and sophistication are offered to fit most applications.

All levels provide volt free contacts that can be used to interface with either a Business Management System or any other type of monitoring system.



Prefix Beta



Prefix Mini

| Model | Number of Pumps | Max. Fill Pressure (Bar) | Dimensions (mm) |
|--------------|-----------------|--------------------------|-----------------------------|
| Prefix Beta | 1 or 2 | 8 | 750 (H) x 545 (W) x 400 (D) |
| Prefix Mini | 1 or 2 | 5.5 | 640 (H) x 482 (W) x 270 (D) |
| Prefix Micro | 1 or 2 | 4 | 300 (H) x 300 (W) x 225 (D) |

Booster sets

GHV, SMB



GHV

Redundant design for enhanced reliability

Adaptable to changing water supply demand due to multi-pump operation.

Fully assembled and tested for simple onsite plug-and-play installation.

Highly reduced water supply energy footprint.

Compliant with ACS WRAS DM174/2004 potable water standards.*

Operations can be fully-automated or controlled as desired by user.

SMB

| Model | Pump numbers (up to) | Type of pump | Phases | Max. flow (m ³ /h) | Max. height (m) | Max. power (kW) |
|-------|----------------------|----------------|--------|-------------------------------|-----------------|-----------------|
| GHV | 8 | e-SV, e-HM | 1.3 | 1280 | 160 | 8 x 22 |
| SMB | 3 | e-SV, e-HM, VM | 1.3 | 90 | 160 | 3 x 2.2 |

*Model dependent

Packaged Break tank booster sets

Cat 5 Booster Sets



The next generation of Lowara Compact break tank booster set suitable for Domestic and Light commercial applications.

Flexible and compact footprint makes the Resvari Plus perfect for basement and garage installation, while the high performance

Each tank is fitted with the Resvari Plus variable speed drive, with the capability of having two units combined for either duty / assist or duty / standby configuration

High efficiency Lowara Scuba submersible pump delivers high pressure for demanding applications. .

Fitted with 250 litre Cat 5 Break Tank

Resvari Plus

Lowara Varitank (variable speed) pump booster sets complete with pre-insulated integral break tanks suitable for boosting potable cold water.

Fitted with either e-SM or Hydrovar energy saving variable speed drives.

Break tank fitted along side the booster set on a base plate or above mounted on a frame

Special booster sets and larger performance booster sets can be built to suit specific requirements.



Varitank

| Model | Pump numbers (up to) | Type of pump | Phases | Max. flow (m ³ /h) | Max. height (m) | Max. Capacity (Litres) |
|--------------|----------------------|--------------|--------|-------------------------------|-----------------|------------------------|
| Varitank | 2 | e-SV, e-HM | 1 & 3 | 35 | 160 | 1300 |
| Resvari Plus | 2 (Linked) | Scuba | 1 | 7 | 75 | 250 |

*Model dependent

Smart pump range

Permanent magnet motors with embedded drive and high-efficiency hydraulics

- State-of-the-art technology for communication with other building systems.
- Up to 70% reduction in power consumption.
- Automatic performance optimisation.
- Simple integration into Building Management Systems (BMS).
- Optimised service life with reduced downtime due to inbuilt intelligence.



e-LNTEE/LNTSE
Twin in-line pumps

e-LNEEE/LNESE
Single in-line pumps

e-SVE
Vertical multistage stainless steel pumps

e-HME
Horizontal multistage pumps

| | |
|--|--|
| Voltage: single phase 230v - three phase 400v. | IES2 package with IE5 motors. |
| Power: up to 2.2kW. | Enclosure rate: IP55. |
| Multipump capability: up to 3 units. | Ambient temperature: -20°C / +50°C full power. |
| Power supply: 50/60Hz. | EMC: single phase C1 - three phase C2 category compliant EN 61800-3. |
| Comms: BACnet & Modbus standard in single pumps. | Harmonics: compliant with IEC/EN 61000-3-2. |

Variable Speed Solution

hydrovar® X: THE ULTIMATE IN PERFORMANCE, ENERGY EFFICIENCY, CONNECTIVITY AND SIMPLICITY

- Ultra premium efficiency motor providing full range from 3 to 22 kW motor
- Graphical color display
- IE5 motor equipped with advance control for the highest efficiency level and to extend the lifetime of the motor
- Multipump capability as standard with no single failure point
- Communication protocols available soon
- Remote control and management via app
- Preset from factory
- Guided commissioning via Genie
- Complete set of languages



e-SVI hydrovar® X
Immersible multistage pumps

e-SV hydrovar® X
Vertical multistage pumps

e-HM hydrovar® X
Horizontal multistage pumps

| | |
|--|--|
| Voltage: three phase 400v. | IES2 package with IE5 motors. |
| Power: up to 22kW. | Enclosure rate: IP55. |
| Multipump capability: up to 8 units. | Ambient temperature: -20°C / +50°C full power. |
| Power supply: 50/60Hz. | |
| Comms: BACnet & Modbus standard in single pumps. | |

Water consumption, billing & leakage detection

Commercial & residential water meters

Cordonel®, MeiStreamRF, MeiTwinRF



Cordonel®



MeiStreamRF



MeiTwinRF

| | |
|---|---|
| Accurate measurement of high and low flow rates. | Robust design for reliability & reduced maintenance. |
| Simple installation with UOD0 - does not require straight sections. | Measurement and leakage detection for challenging environments. |
| Enhanced connectivity and simple integration to other systems. | Compliant with MID and OIML international metrology standards |

| Model | Meter size | Min. flow (m ³ /h) | Max. flow (m ³ /h) |
|-------------|-------------|-------------------------------|-------------------------------|
| Cordonel® | DN40 to 100 | 0.04 to 0.16 | 78 to 310 |
| MeiStreamRF | DN40 to 300 | 0.25 to 15.9 | 60 to 200 |
| MeiTwinRF | DN50 to 100 | 0.006 | 90 to 280 |

Sub-metering

Residential apartment water meter

DomoJet, DomoMUK

DomoJet

DomoMUK



| |
|--|
| Premium stability & reliability using single jet measurement principle. |
| Energy Efficiency Directive (EDD) conformity with different communication possibilities. |
| Easy data collection with Sensus DIAVASO software. |
| Small footprint and high installation flexibility due to compact design and 360° rotatable register. |
| Up to 11 years battery life. |

Residential mechanical meters

Single-jet, multi-jet & positive displacement (PD) mechanical meters

DomoJet, 640/620 PD, iPERL

DomoJet



640/620 PD

iPERL



| |
|--|
| Superior reliability from best quality mechanical meters, made to the highest standards. |
| Brass and composite body types offer market & application flexibility. |
| Ability to measure hot water (dedicated models). |
| Simple system integration due to various communication modules are available for remote reading to meet new European Energy Directive Regulations (EED). |
| Small footprint and high installation flexibility due to compact design and 360° rotatable register. |
| Compliant with potable national & international potable water standards. |

Energy optimisation

Variable speed control pump drive

Hydrovar, HVL



5th generation Hydrovar®



hydrovar® X

- Ultra premium efficiency motor providing full range from 3 to 22 kW motor
- Graphical color display
- Multipump capability as standard with no single failurepoint
- Communication protocols available soon
- Remote control and management via app
- Preset from factory
- Guided commissioning via Genie
- Complete set of languages

Safe bacteria-free drinking water

UV disinfection water treatment systems

Wedeco Spektron, Aquada



Spektron



Aquada



Deactivation of pathogens, viruses, bacteria & parasites.

Lower energy consumption.

Micro-pollutant removal, odour and taste removal.

Eco-friendly solution - no harmful chemical residue remains (e.g. chlorine) or unpleasant odour.

Low maintenance, easy installation.

Legionella prevention.

Rainwater harvesting pumps

Reliable & silent solution for submersible & surface installations

Scuba, e-GS 4", Z6 6"

Scuba
Closed-loop submersible pump



Compliant with potable water standards.

Simple installation with customisable power supply cable & float switch.

Silent operation with variable speed drives for added comfort.

High-efficiency hydraulics for optimised energy savings.

Superior reliability with corrosion resistant delivery head.

e-GS 4"
Multistage borehole pump for 4" wells



Z6 6"
Multistage borehole pump for 6" wells



| Model | Max. flow (m ³ /h) | Max. height (m) | Max. power (kW) |
|---------|-------------------------------|-----------------|-----------------|
| Scuba | 12 | 100 | 2.2 |
| e-GS 4" | 22 | 310 | 0.25 up to 7.5 |
| Z6 6" | 78 | 700 | 0.55 up to 55 |

HVAC

Where there is a building, there is a need for an effective **HVAC** solution to provide climate control, comfort and convenience. Many existing solutions are over-sized, obsolete and inefficient for today's demands. Modern innovations offer intelligent, efficient and sustainable HVAC technologies to heavily **reduce energy consumption** and **CO₂ footprint**. The opportunity for a greener city is now.



Hot and cold water circulation

High efficiency smart circulation pumps

HVAC on the environment

Over 50% of Europe's buildings are more than 50 years old, typically with inefficient HVAC systems. Both commercial and residential buildings combined, consume around 40% of energy in Europe, and accountable for 36% of CO₂ emissions. Then taking into consideration that 40% of a building's energy consumption is used for HVAC, it really puts into perspective how much of an environmental impact efficient and sustainable HVAC systems can make on our journey towards net-zero carbon emissions by 2050.

Decarbonise Europe the HVAC way

Regulations are rapidly changing, and governments are funding the change to HVAC systems that run on sustainable technologies, such as district heating systems and heat pumps that can reduce the CO₂ footprint of buildings. With the most water and energy efficient systems on the market, Xylem is the perfect partner for your HVAC needs.

ecocirc, ecocirc+



ecocirc PRO



ecocirc XL & ecocirc XL plus (single or twin)



Up to 80% lower power consumption.*

Compact for easy installation.

Easy to read digital display.

Optional wireless Monitoring and Control.**

Potable water ACS, WRAS certified.

High efficiency for energy savings.

Stepless adjustable speed

Limescale resistant.

Low noise for added comfort.

Potable water ACS, WRAS certified.

Highly efficient.

Easy installation and start up.

Dry-run protection.

Simple integration into Building Management Systems. ***

Potable water ACS, WRAS certified.

| Model | Max. flow (m ³ /h) | Max. height (m) | Max. power (W) |
|-----------------------------|-------------------------------|-----------------|----------------|
| ecocirc, ecocirc+ | 4.5 | 8 | 80 |
| ecocirc Pro | 1.5 | 3 | 25 |
| ecocirc XL, ecocirc XL plus | 70 | 18 | 1700 |

* Compared to existing, older installations.
 ** via Myecocirc App (ecocirc+).
 *** (Advanced MODBUS & BACNET communications ecocircXL plus)

Single or double centrifugal in-line pumps

e-LNE (single), e-LNT (double), e-LN_E/H, eLNT_E/H

High-efficiency hydraulics for optimised operating costs.

Robust design for reliability and reduced maintenance.

Option for IE4 motors.

Hydrovar speed variation can reduce power consumption by 85%.

Potable water ACS, WRAS certified.



e-LNE



e-LNT



e-LN_E



e-LN_H

| Model | Max. flow (m ³ /h) | Max. height (m) | Max. power (kW) | Temperature range (°C) |
|---------|-------------------------------|-----------------|-----------------|------------------------|
| e-LNE | 900 | 95 | 0.25 up to 90 | -25 up to 140 |
| e-LNT | 700 | 95 | 0.25 up to 37 | -25 up to 140 |
| e-LN_E | 44 | 41 | 0.37 up to 2.2 | -25 up to 140 |
| e-LN_H | 476 | 95 | 0.55 up to 22 | -25 up to 140 |
| e-LNT_E | 79 | 39 | 0.37 up to 2.2 | -25 up to 140 |
| e-LNT_H | 578 | 93 | 0.55 up to 22 | -25 up to 140 |

Single stage centrifugal pumps

e-NSC (single stage), e-HSC (double suction)

High efficiency for energy savings.

Robust design for reliability & reduced maintenance.

Compact design for easy installation.

Speed variation option with Hydrovar.



e-NSC



e-HSC*

| Model | Max. flow (m ³ /h) | Max. height (m) | Max. power (kW) | Temperature range (°C) |
|--------|-------------------------------|-----------------|-----------------|------------------------|
| e-NSC | 1900 | 160 | 355 | -25 up to 140 |
| e-HSC* | 5000 | 200 | 355 | 20 up to 121 |

*Coming soon

Thermal energy meters & sensors

PolluCom®F, PolluStat®, PolluTherm®, PolluTherm®F, PolluFlow®



PolluCom®F



PolluStat®



PolluTherm®



PolluTherm®F



PolluFlow®

Accurate and reliable ultrasonic measurement for wide range of applications, including combined heating and cooling systems.

Optional usage for water/glycol mixture (only with mechanical flow sensors, non-certified device).

Modular communication interfaces for flexibility and lower storage costs.

Standard long battery life of 10 years.

Upgrading capabilities for remote readout and data communication.

Optional changeover between heating and cooling operations (second register).

Flexible power supply, adaptable to 230V or 24V mains power.

| Model | Meter type | Meter size | Nominal flow (m³) |
|--------------|------------------|---------------|-------------------|
| PolluCom®F | Compact | DN15 to DN20 | 0.6 to 2.5 |
| PolluStat® | Compact | DN15 to DN100 | 0.6 to 10 |
| PolluTherm® | Combined (split) | DN15 to DN100 | 0.6 to 60 |
| PolluTherm®F | Combined (split) | DN15 to DN40 | 0.6 to 60 |
| PolluFlow® | Combined (split) | DN15 to DN100 | 0.6 to 60 |

Hot & cold water meters & flow sensors

WPD FS hot water meter, MeiStream FS, AN130 flow sensor



WPD FS hot water meter



MeiStream FS



AN130 flow sensor

Excellent performance in high constant flow rate applications.

High overload capacity.

Hermetically sealed IP68 class register.

Powder coating for maximum corrosion protection.

Simpler maintenance due to removeable measuring element

Compatible with PolluTherm energy calculator.

High measuring stability.

Screw connection for quick & simple integration.

Reliable, robust design due to reinforced bearings.

Application flexibility due to wide load range.

| Model | Meter size (mm) | Nominal flow (m³/h) | Temperature range (°C) |
|------------------------|-----------------|---------------------|------------------------|
| WPD FS hot water meter | DN40 to 300 | 15 - 600 | up to 130 |
| MeiStreamFS | DN50 to 100 | 25 to 60 | up to 90 |
| AN130 flow sensor | DN15 to 40 | 1.5 - 10 | up to 130 |

Condensate and drainage removal

Condensate removal pump

TP1



TP1

Complete, ready to use unit including: Pump, tank, hose, cable with plug, non-return valve and alarm output.

Compact solution, easy to fit with Clip-Adapter.

Minimal energy consumption.

Fully automatic and blocking safe.

Easy installation with a Clip-Adapter.

Quiet operation.

Acid resistant ABS material.

Wastewater & stormwater solutions

Water goes around and around in a perpetual circularity. Disturbed and disrupted by human presence, habits and needs water and nature are being put to the test. Responsibly and efficiently collecting, managing and treating building related wastewater and stormwater is imperative. The good thing is that there is intelligence and technology to rely on.



Wastewater & stormwater solutions

Dense population, urbanisation, unsustainable consumption (and inconsiderate behaviour). The human population is putting nature to the test...and its water. Nature has a great ability to cope with moderate amounts of water wastage and pollution, but if the billions of litres of wastewater and sewage produced every day were not treated before returning to the environment, doomsday would soon arrive. Wastewater also includes surface and overland runoff water. Rainwater that becomes contaminated in washing off roads, parking lots, and rooftops can threaten the environment and wildlife habitats as well as harm rivers and lakes.

Water is essential... for EVERYTHING. Accordingly, EU water policy focuses on protecting water resources. The EU Water Framework Directive (WFD) is designed to protect waters, achieve good ecological status and enable sustainable use. Across the whole EU, about 90% of urban wastewaters are collected and treated in accordance with the EU Wastewater Treatment Directive.

Sources, causes, challenges and solutions

The sources and causes of building related wastewater and the challenges it entails for owners and operators are numerous. Besides sewage, wastewater from dishwashers, laundry, showers, drainage and flooding needs to be handled. Clogging, bad smell, operational costs, energy consumption, cleaning, repair are other aspects that demand attention. Xylem Building Solutions appreciates all of this. For any and every building. Everywhere. Always with sustainability in mind.



Wastewater system control, monitoring & protection

The world's first submersible wastewater pump with integrated intelligence

Flygt Concertor®

Flygt Concertor is the most efficient and robust solution for wastewater management. This pumping system combines a fully integrated control system with IE4 motor efficiency, Adaptive N-hydraulics and intelligent functionalities. The unique benefits you will receive from these features will save you both time and money, now and in the long run.

Pump station controllers

FGC, SmartRun®

FGC400



- Pre-programmed with small footprint.
- Powerful pump protection.
- Improved pump performance.
- Installed in less than 20 minutes.

SmartRun®



- Reduced downtime with automated cleaning.
- Adaptive speed setting to optimise efficiency.
- Pre-programmed for easy integration.

Wastewater pumping

Submersible wastewater pumps

DOMO, DOMO GRI, DL, 3000, 1300

Full range of wastewater pumping solutions for a wide range of application challenges.

Sustained high efficiency for reduced energy demand and costs.

Robust design for reliability and reduced maintenance.

Decades of market leading innovation integrated in the newest technologies.

High availability and reduced unplanned services due to clog-free operation.

Convenient and easy to use.



| Model | Max. flow (m³/h) | Max. height (m) | Max. power (kW) | Temperature range (°C) |
|-----------|------------------|---------------------|-----------------|------------------------|
| DOMO | 40 | 14.5 | 0.55 to 1.5 | 35 |
| DOMO GRI | 10.8 | 28 | 1.1 to 1.5 | 35 |
| DL | 42 | 22 | 0.6 to 1.5 | 25 up to 50 |
| 3000 | 6400 | 100 | 1.3 to 680 | 40 up to 70 |
| 1300 | 1770 | 71 | 0.75 to 50 | 40 |
| Concertor | 360 | 35 (shut off at 49) | 2.2 to 7.3 | 40 |

Collect, manage & pump wastewater

Packaged pumping stations

TOP Station, Compit 901, Micro, Minibox, Midibox, Singlebox Plus, Doublebox Plus, Maxibox Plus

Simple, plug-and-play systems with all components supplied.

Management of solids, fat, paper and other objects in the wastewater.

High adaptability with extensive range of pumps and accessories.

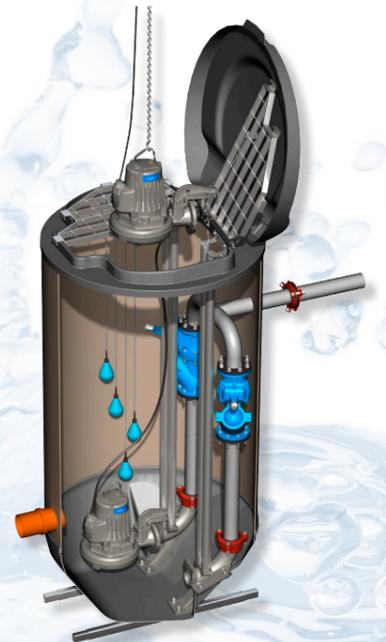
Optimised system uptime and performance.

Prevent site flooding, unpleasant odours, need for sanitation to avoid penalties.

Low maintenance, easy installation.

Smart monitoring for added peace-of-mind.

TOP station



Compit 901



Micro



Minibox, Midibox, Singlebox plus, Doublebox plus, Maxibox plus



Drainage

Low suction pump

Ready 4L



- Easy to carry.
- Quick response to flooding or clean-up.
- Start pumping at extremely low levels.
- Low suction pump that can handle water levels down to 1-2mm.

Submersible dewatering pumps

DOC, DIWA



DOC



DIWA

Simple solutions for variety of house and garden applications.

Stainless steel design for extended service life due to corrosion and abrasion resistance.

Handle and lightweight design for portability.

Dry-Run protection of electrical motor.

Simple installation and operation.

| Model | Max. flow (m³/h) | Max. height (m) | Max. power (kW) | Temperature range (°C) |
|-------|------------------|-----------------|-----------------|------------------------|
| DOC | 14 | 11 | 0.25 to 0.55 | 40 |
| DIWA | 25 | 21 | 0.55 to 1.50 | 50 |

Advanced wastewater treatment for hospitals

Compact ozone solutions

GSO series, OCS system

Intelligent Electrode Protection (IEP): Highest reliability and safe operation making fused electrodes unnecessary.

Low installation and maintenance requirements.

Built for permanent operation.

Very Compact, efficient and reliable ozone generators up to 400 g O₃/h.

Small packaged turnkey ozone systems.

Accessories including: onsite oxygen supply, ozone injection and reaction systems, built in cooling system, process analyzers, process controls and safety instrumentation.



GSO series



OCS system

Fire protection solutions

Where there is smoke, there is fire. And when there is fire, you need to be sure of **effective** solutions that provide reliable water supply, unquestioned water pressure, sufficient pump capacity, spacious water tanks and so on. We want buildings to be happy and comfortable places, not hazards. Hence, **preventing** and **controlling** fires in buildings in the safest possible way is crucial.

Fire protection solutions

The destructive power of a raging fire is something we can all visualise. We have seen it on the news, in films, perhaps in real life. All buildings, old and new, need effective fire solutions that safeguard the structure and its inhabitants. **Fire protection** is a vital part of initial design in any new building project, going far beyond merely a sprinkler system. There's a lot to be considered when planning and designing a fully functional water-based fire protection system: Pump capacity, water pressure, water tanks, suction piping, fire pumps, distributed piping system with established connectivity throughout the building, fire hydrants, hoses and nozzles.

Xylem is your most constructive friend when it comes to water supply for systems preventing and controlling fires in buildings.

Pressure boosting

For sprinkler systems

Booster sets for fire protection according to EN 12845

GEM



- Stable and dependable waterflow for sprinkler systems.
- Tailor-made solutions to meet specific system requirements.
- Flexible operation with electrical motors or diesel engines.
- Prevent short-cycling with jockey pump options.
- Easy plug-and-play installations.

Packaged fire sprinkler sets according to BS 9251:2014

Hydroqunech 3000



- Designed to comply with the draft specification EN 12259-12 & BS 9251:2014
- Pressure range 1 - 6 Bar
- Flow range 0 - 400 l/m
- Easy plug-and-play installations.

End suction single-stage pump

e-NSC



Exact configuration supplied due to wide range of material options.

Available equipped with Hydrovar pump controller, for optimum system performance.

Long service life and easy maintenance.

Robust design for reliability and reduced maintenance.

| Model | Max. flow (m ³ /h) | Max. height (m) | Max. power (kW) | Temperature range (°C) |
|-------|-------------------------------|-----------------|-----------------|------------------------|
| e-NSC | 1800 | 160 | 0.25 to 0.55 | -25 up to 140 |

Water consumption & leakage detection

Compound meters

WPV-MS, MeiTwinRF



High flexibility in flow measures with extremely widespread flow profiles.

Measures smallest flow rates to help detect leaks and/or illegal water consumption.

Simple integration to other systems by multiple communication interface options.

Easy installation and maintenance.

| Model | Meter size (mm) | Nominal flow (m ³ /h) | Temperature range (°C) |
|-----------|-----------------|----------------------------------|------------------------|
| WPV-MS | DN150 | 400 | up to 50 |
| MeiTwinRF | DN100 | 80 | up to 50 |

Ultrasonic commercial & industrial meter

Cordonel®



The Cordonel meter gathers precise low and high flow data in real-time. The combination of advanced ultrasonic technology and integrated communications makes it a great meter for both Automatic Meter Reading (AMR) and Advanced Metering Infrastructure (AMI) with support for a variety of radio communications technologies. With the sturdy and reliable Cordonel meter, you can accurately capture and measure water consumption, flow, temperature and pressure.



The best products are only half the reason to work with us...

Our people make the difference

Having sustainability in mind, helps us engineer, design and manufacture the highest efficiency and quality pumps and related equipment. But that's not all. We apply the same dedication and expertise to every aspect of our relationship with you, our valued business partners. Our people - and how they partner with you, are what makes Xylem the right choice for your building solutions.

Our expertise solves the challenge

Nobody spends more time thinking about smart building solutions. With hundreds of thousands of customers and millions of installations, we have more experience across all challenges of the water cycle and can design solutions that provide added value today and tomorrow.

Aftermarket & service

To provide fast and reliable maintenance and repairs of our Xylem products across all industries across the world, we have established a network of authorised, local service providers. We are pleased to recommend our professional and experienced Xylem Authorised Service Partners.

When you go to a Xylem Authorised Service Partner you can be sure to receive qualified, high-quality service. Our partners are trained and certified to provide Xylem specified services, including the following:

- Installation & commissioning
- Repair & maintenance
- Maintenance agreements
- Inspection & auditing
- Plant and equipment upgrades/refurbishments
- Genuine spare parts



Remote connectivity and monitoring services

A Smart Preventative Maintenance Agreement (PMA) with Xylem, combines intelligent remote telemetry/monitoring with a condition or usage-based maintenance schedule to improve equipment uptime at an optimised cost.





Backed by the world's most trusted water and wastewater expertise

Xylem Service & Rental provides the full range of technical and field support needed to minimise risk, maximise uptime and control lifetime costs. From designing smarter next-generation systems to 24/7 turnkey operation, it's our job to help you solve even the most complex water challenges.

- Bypassing of wastewater
- Drainage of tanks
- Hiring of equivalent equipment during maintenance or while repairs are being affected
- Temporary pumping for fire prevention
- Temporary raw water supply
- Trial hiring before purchase
- Cleaning out of tanks, water tests, etc.



Total peace of mind

Maybe you need help deciding whether to refurbish or replace existing equipment. Maybe you need to find a way to lower operating costs or troubleshoot an issue. Maybe you want to outsource maintenance and upkeep. Or maybe you need a flexible way to pay for new equipment. Whatever you need to support your buildings water needs, we do it. Our portfolio of services will give you total confidence in your system 24/7.

Xylem designs equipment for reliability, longevity and low total cost of ownership. That said, there will come a time when routine maintenance is necessary to maintain peak performance. Genuine Xylem parts ensure optimal, reliable performance of your Xylem equipment and can be delivered directly to you or with technical support. If you prefer to handle upkeep yourself, we have you covered:

- Operator training
- Equipment service training
- Technical coaching
- Genuine parts kits





Let's build a sustainable future together

xylem
Building Solutions

Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to www.xylem.com



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