DOMESTIC BUILDING SERVICES
PRODUCT PORTFOLIO
Your trusted partner

All you need for your Building Services projects...

Lowara provide products for all segments within Building Services, including HVAC, clean water, wastewater and fire fighting.

Our complete range of high-quality products consists of pumps, variable speed drives and complete package solutions.

Lowara participates in all stages of a project, from design to delivery - from installation to commissioning and service. We are a reliable partner throughout the product life cycle, and we are in it for the long term.

Our know-how and our extensive resources for research and development, as well as our extensive training programs are yours to benefit from.

Find out more on www.lowara.co.uk
In-Line Circulator Pumps

Our in-line centrifugal range includes models ranging from glandless variable speed, glandless and glanded pumps. The units are suited for many applications including domestic heating, air conditioning systems and hot water.

**TLC (H) Series**
Circulation of water in heating and air conditioning high flow/high head systems.
Capacities to 12m³/h.
Head to 12 metres.
Temp -10°C to +110°C.
Max Pressure 10 bar.

**TLCB Series**
Residential hot water secondary circulation.
Capacities to 5m³/h.
Head to 6 metres.
Temp -10°C to +110°C.
Max Pressure 10 bar.

**TLCHB Series**
Circulation of secondary hot water in high flow/high head installations.
Capacities to 12m³/h.
Head to 12 metres.
Temp -10°C to +110°C.
Max Pressure 10 bar.

**TLCK Series**
Circulation of water in air-conditioning, refrigeration, and geothermal systems.
Capacities to 5.5m³/h.
Head to 6 metres.
Temp -25°C to +110°C.
Max Pressure 10 bar.

**TLCSOL Series**
Circulation of hot water in solar systems.
Capacities to 5.5m³/h.
Head to 6 metres.
Temp -10°C to +110°C.
Max Pressure 10 bar.

**FLC Series**
Light Commercial Range.
In-Line Circulator Pumps

Ecocirc Solar

The first DC spherical motor pump for direct connection to photovoltaic panels with automatic performance optimization using MPP technology.

The new pump generation with minimal energy consumption, shaftless spherical motor and permanent magnet technology.

DC motor, nominal 12 Volt, operating range 8-24 Volt.
Soft start with very low power.
Economical and powerful.
RF suppressed.
Protection against reverse polarity.
From 1 watt power consumption.

Ecocirc D5 Vario

The new DC pump generation with minimal energy consumption, shaftless spherical motor and permanent magnet technology.

DC motor, nominal 12 Volt, operating range 8-24 Volt.
Economical and powerful.
Stepless speed control.
Wide control range.
Long life, maintenance free.
From 1 watt power consumption.

ECOCIRC PLUS Series

High efficiency “A class” variable speed circulators suitable for stand alone and boiler OEM applications.

Capacities to 3 m³/h
Head to 6 m
Maximum pressure 10 bar
Temp. -10°C to 95°C
EB Series
Ecocirc Bronze for secondary hot water circulation

The new pump generation with minimal energy consumption, shaftless spherical motor and permanent magnet technology.

Residential hot water secondary circulation.
From 3 watts power consumption.

Capacities to 1m³/h.
Head to 3 metres.
Temp: -10°C to +95°C.
Max Pressure: 10 bar.

TP Condensate Removal Pump

TP 1 Condensate Removal Pump

Condensate removal pump with innovative spherical motor technology for condensing boilers and air conditioning/cooling systems.

Low energy consumption.
Fully automatic & blockage resistant.
Long term quiet operation.
Ready-to-install set with pressure hose, check valve and alarm cable.
Head to 5.4 metres.
IP44.
Mixing Modules

BM mini Mixing Module

The professional system connection with room temperature guided control for heating surfaces up to 36m². Quick installation - Safe operation.

Excellent heat distribution due to integrated spherical motor pump.

Integrated ball valve allows easy and proper priming of the under floor heating system without disconnecting the pipes from the BM mini.

BM eco Mixing Module

The professional system connection with room temperature guided control for heating surfaces up to 200m². Quick installation - Safe operation.

Excellent heat distribution due to integrated spherical motor pump.

A low temperature heating system can be connected to a boiler loop using mixing module, ideal to connect to customers own manifold.
SOS Mobile Electric Heater

Mounted on a practical transport trolley, with robust capacity stepping switch and temperature setting (20-85 °C), corrosion resistant diaphragm pressure balance tank (6 litre), connection thread with ball valve 1” internal thread, filler gauge, auto-diagnosis, connection cable, including AC plug (cable 2.5 m).

Heat capacity up to 13kW @ 400V.

EPR Electric Heating Systems

For heating or indirect domestic hot water provision
As emergency or temporary heating heat capacity 6 – 15 kW.

Fully automatic & blockage resistant.
Long term quiet operation.
Flexible, maintenance free, reliable.
No oil tank, no gas connection required.
No separate boiler room necessary.
Simple installation and operation.
Suitable for industrial applications.
Complete with highly efficient infinitely adjustable Energy Efficiency Class A circulation pump.
Pressurisation and Booster Sets

Wide range of units controlled by pressure switches or pressure transmitter, with constant or variable speed. The Lowara range of automatic booster units is designed to supply water to intermittent and variable demand users, employing centrifugal electric pumps controlled by an electric panel.

PRESFIX BETA MK2
Packaged Pressurisation Set (enclosed)
Automatic make-up units for sealed heating and chilled water systems. Microprocessor single or twin unit.

PRESFIX ALPHA
Packaged Pressurisation Set (open frame)
Automatic make-up units for sealed heating and chilled water systems. Twin pump unit.

MINI V
Variable Speed TKS/HM Booster Set
Lowara Booster set complete with break tank - suitable for boosting cold water fitted with the Teknospeed energy saving variable speed drive.

MINI F
Fixed Speed HM Booster Set
Lowara Booster set complete with break tank - suitable for boosting cold water.

Special booster sets and larger performance boosters can be built to suit specific requirements - please contact the sales office.
GXS Series Sets
Single-phase power supply, fixed speed and pressure switch control. For BG, CA, CEA, HM and SV series electric pumps.
Flow rate up to 28 m$^3$/h.
Power up to 2 x 1.5 kW.

GMD Series Sets
Three-phase power supply, fixed speed and pressure switch control. For BG, CA, CEA, HM and SV series electric pumps.
Flow rate up to 400 m$^3$/h.
Power up to 4 x 45 kW.

RESVARI - Variable speed
RESFIX - Fixed speed
Booster Sets for domestic dwellings
Booster sets sized to overcome low water pressure in a domestic dwelling. The Lowara Booster set will ensure water pressure for both hot and cold water supplies meet the most demanding requirements.

HYDROQUENCH 3000 MK2 Packaged Sprinkler Sets
Automatic sprinkler sets for domestic and residential applications
Designed to comply with specification EN 12259-12 & BS 9251
Flow range 0 - 240 l/m.
Pressure range 1 - 6 Bar.

GTKS Series Sets
Single-phase power supply, variable speed and control by pressure transducers and Teknospeed electronic speed controllers integrated with the motor. For BG, CA, CEA, HM and SV series electric pumps.
Flow rate up to 16 m$^3$/h.
Power up to 2 x 1.1 kW.
Booster Sets and Accessories

**Hydrovar Watercooled**

As the name implies the unit utilises the water pumped through it to cool the internal electronics and its unique design has been developed for use within residential applications. The Hydrovar Watercooled variable speed drive will be supplied along with a pump and will protect the unit from dry running, overheating, short circuit and over-current and due to the soft start/stop operation protect the system from water hammer.

**Aquada UV**

The benefits of Ultraviolet Disinfection, enhances overall water safety, no harmful chemicals or by-products, no affect on taste and water quality, simple to install with low maintenance and economical.

Available in five sizes.

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**Solar plus expansion vessels for solar systems**

Sizes to 600 litre.
Pressure to 10 bar.
The membrane can withstand temperatures to 100°C.
Vessels with interchangeable membrane.

**Pressure vessels horizontal and vertical diaphragm**

Sizes to 5000 litre.
Pressure to 10 bar (other pressure options available up to 40 bar).
Products available with WRc approved materials.
Submersible Drainage and Sewage Products

Packaged Pumping Stations

TOPS Series
Corrosion resistant tanks, suitable for sewage.
Comprehensive range of chamber sizes.
Single, dual and free standing options available.
Control panels available, contact your local sales office.

BOX Series
Prefabricated lifting stations
Minibox, Micro 4, Micro 6, Micro 6+6, Micro 10

Rainwater Harvesting
Storage tanks and pumping systems include:

Underground rainwater collection tank Scuba Rainwater pump together with inlet flow calmer, overflow trap, underground filter, 1/2” top-up device with type AA air gap.

Larger twin pump versions available with pressure vessel.

AquaCharge
Rechargeable portable water pump
Pumps up to 750 litres of water on a single charge.
Durable and fully submersible.
Charge Time Approximately 12 hours

DOMO GRI Series
Drainage/wastewater pumps.
Capacities to 6.6m³/h.
Head to 25 metres.
Powers to 1.1kW with grinder device.

DOC Series
Cellar drainage pumps standard or tube float switch available.
Capacities to 14m³/h.
Head to 11 metres.
Powers to 0.55kW.
Solids to 20mm.

SOS Floodkit
For flooded basements and garages
Pump type DOC 3 with 10 metres of cable.
Low suction collar allows water removal to a depth of 3mm.
Can be used in or outside of the box.
What can Xylem do for you?

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

We’re 12,000 people unified in a common purpose: creating innovative solutions to meet our world’s water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. 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, backed by a legacy of innovation. For more information on how Xylem can help you, go to xyleminc.com.

www.xyleminc.com