Domestic Building Services Product Portfolio

LOWARA
a xylem brand

Your trusted partner

All you need for your Domestic Building Services projects...

Xylem Water Solutions UK provide products for all segments within Domestic 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.

Xylem Water Solutions UK - 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 Domestic Circulator Pumps

ecocirc and ecocirc PREMIUM Series

High efficiency energy saving variable speed circulators suitable for stand alone and boiler OEM applications.
ErP ready to 2015 standards.

Capacities to 3 m^3/h

Head to 6 m

Maximum pressure 10 bar

Temp -10°C to +110°C

ecocirc replacement guide

Grundfos	Grundfos Fixed Speed		Grundfos ErP Pump	Lowara ErP Replacement
	UPS 15/50			ecocirc 25-4
	UPS 15/60			ecocirc 25-6
			Alpha + 15/50	ecocirc 25-4
			Alpha + 15/60	ecocirc 25-6
			Alpha 2 15/50	ecocirc 25-4 or ecocirc PREMIUM 25-4
			Alpha 2 15/60	ecocirc 25-6 or ecocirc PREMIUM 25-6
			Alpha 2L 15/50	ecocirc 25-4
			Alpha 2L 15/60	ecocirc 25-6
			UPS 2	ecocirc 25-6
Wilo	**Wilo Fixed Speed**	**Wilo "A" Pump**	**Wilo ErP Pump**	**Lowara ErP Replacement**
	Wilo Gold 50	Smart 25/4	Stratos Pico 25/1-4	ecocirc 25-4 or ecocirc PREMIUM 25-4
	Wilo Gold 60	Smart 25/6	Stratos Pico 25/1-6	ecocirc 25-6 or ecocirc PREMIUM 25-6
Dab	**Dab Fixed Speed**	**Dab "A" Pump**	**Dab ErP Pump**	**Lowara ErP Replacement**
	VA 35/130	VEA 35/130	Evotron 40/130	ecocirc 25-4 or ecocirc PREMIUM 25-4
	VA 55/130	VEA 55/130	Evotron 60/130	ecocirc 25-6 or ecocirc PREMIUM 25-6
			Erosta	ecocirc 25-6
CPC/Myson	**CPC/Myson Fixed Speed**			**Lowara ErP Replacement**
	CP53			ecocirc 25-4
	CP63			ecocirc 25-6
Lowara	**Lowara Fixed Speed**			**Lowara ErP Replacement**
	TLC 25-5			ecocirc 25-4
	TLC 25-6			ecocirc 25-6

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.

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.

ecocirc PRO 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.

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 - ecocirc XL Series

Variable speed circulators for light and commercial systems. Single and twin head available. Bronze version from 25mm to DN65mm.

Capacities to 62m³/h.

Head to 13 metres.

Temp +10°C to +110°C*

*(Varies with models)

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 & Electric Heating Systems

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.

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 circulation pump.

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.

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. 2.8 or 5.8 Bar versions available.

PRESFIX BETA MK2 Dual System Packaged pressurisation set (enclosed)

Combined heating and chilled water system in one unit.

PRESFIX ALPHA Packaged Pressurisation Set (open frame)

Automatic make-up units for sealed heating and chilled water systems. Single pump units 5.5 Bar version available.

MINI V Variable Speed TKS/e-HM Booster Set

Lowara Booster set complete with 250 Litre Break Tank - suitable for boosting cold water fitted with the Teknospeed energy saving variable speed drive.

MINI F Fixed Speed e-HM Booster Set

Lowara Booster set complete with 250 Litre 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.

Pressurisation and Booster Sets

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 meeting the most demanding requirements. *Extra water storage units on request.

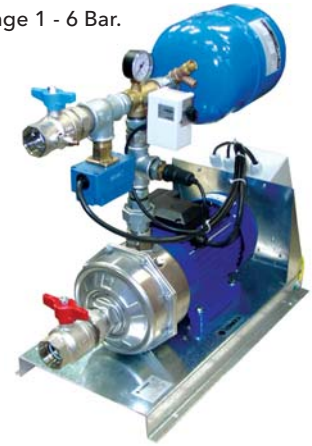
HYDROQUENCH 3000 MK2 Packaged Sprinkler Sets

Automatic sprinkler sets for domestic and residential applications

Designed to comply with specification EN 12259-12 & BS 9251

Flow range 0 - 400 l/m.

Pressure range 1 - 6 Bar.



Block Unit Series

Small Pressure Booster Set complete with pump, expansion tank, pressure switch, gauge and connectors.

Flow rate up to 6 m^3/h.

Power up to 1.1 kW.

GXS Series Sets

Single-phase power supply, fixed speed and pressure switch control. For BG, CEA, e-HM and e-SV series electric pumps.

Flow rate up to 58 m^3/h.

Power up to 2 x 1.5 kW.

GTKS Series Sets

Single-phase power supply, variablespeed and control by pressure transducers and Teknospeed electronic speed controllers integrated with the motor. For BG, CEA, e-HM and e-SV series electric pumps.

Flow rate up to 52 m^3/h.

Power up to 2 x 1.1 kW.

GMD-GS Series Sets

Three-phase power supply, fixed speed and pressure switch control. For BG, CEA, e-HM , FHE, SHE and e-SV series electric pumps.

Flow rate up to 630 m^3/h.

Power up to 4 x 55 kW.

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

SOS Floodkit

For flooded basements and garages

Pump type DOC 3 with 10 metres of cable.

Can be used in or outside of the box.

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 from 10mm or 20mm.

Low suction collar option allows water removal to a depth of 3mm.

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 up to 28 m^3/h, please contact your local sales office for complete size range.

WRAS APPROVED PRODUCT

Pressure vessels horizontal and vertical diaphragm

Sizes to 5000 litre.

Pressure to 10 bar (other pressure options available up to 40 bar).

WRAS approved ❄on certain models

Alcon Valves and Landon Kingsway

Gas Valves

The Alcon HWA series is an electro-hydraulically operated EN161 approved range of safety shut off valves. Connection sizes from 11/2" (DN40) to 3" (DN80) screwed or 21/2" (DN65) to 6" (DN250) flanged these utilize electro-hydraulic technology, this ensures a small carbon footprint and a fraction of energy costs than compared with a solenoid valves of similar sizes.

Sizes 1 ¼" through to 6".

Small carbon footprint compared with solenoid valve.

Fraction energy cost than a solenoid valve.

Flanged or Screwed process connection availability.

Open or Closed Volt free position indication availability.

Approved to EN161 gas safety standard.

Suitable for Natural, Town and LPG gas.

Gas Detection, Pressure Proving, Ventilation & Interlock Systems.

These meet the requirements of BS6173:2009

Wet & Dry Riser Equipment

Complete range of Dry Riser Cabinets to BS5041 part4, Inlet Breaching Valves to BS 5041 part3, Dry Riser Valves to BS 5041 part2, Wet Riser Globe Valves and Foam Inlet Cabinets to BS 5306 part1.

Accessories

Brazed Plate Heat Exchangers

Threads from 3/4" to 2".
Flanged DN80 to DN100.
Sizes up to 140kW.
Insulation jackets available for all brazed plate heat exchangers on request.

Lowara Motors

Environmentally friendly and efficiency increased replacement motors are available for the complete range of pumps supplied. Other features include:-

Noise level reductions.
User friendly wiring.
Overload protection in the terminal box.
Protection against humidity.

Accessories

An extensive range of accessories is available to complement the pump range illustrated in this brochure.

This includes:-

Pressure gauges.
5 way connector.
Flexible connector.
Pressure switches.
Float switches.
Flow switches.
Direct on line starter.
Non return valves, strainer and hosetails.
Filters.
Dosing Pumps.

Genyo

The Genyo is designed to replace traditional pressure boosting systems in domestic applications; it offers the advantages of smaller overall dimensions and no maintenance is required. Genyo provides the electric pump with adequate protection against dry running.

Two models available Genyo 8A and Genyo 16A
Maximum current 16A
Maximum pressure 10 bar.
IP 65 protection.
Delivery up to 170 l/min (10m^3/h).
Maximum liquid temperature 60°C.
Low friction loss.

Xylem

Xylem /'zīləm/
1) The tissue in plants that brings water upward from the roots.
2) A leading global water technology company.

We're approximately 12,700 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 **www.xyleminc.com**

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LOWARA
MIDLAND-ACS
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PCI MEMBRANES
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VOGEL PUMPEN
WEDECO

CIBSE CPD

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CIBSE PATRONS

Member of The PUMP BPMA industry association

MANAGEMENT SYSTEM CERTIFICATION ISO 9001 = ISO 14001 = OHSAS 18001 DNV

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