xylem
Let's Solve Water



ecocirc – a smarter choice

HIGH-EFFICIENCY CIRCULATORS FOR RESIDENTIAL HEATING,
COOLING AND DOMESTIC HOT WATER APPLICATIONS

LOWARA
a xylem brand



What if plumbing were as easy as turning the dial?

Just set and go!
Two ranges, 42 models, multiple control modes and an easier life – with zero call-backs! Our new ecocirc and ecocirc+ ranges offer a smarter choice in the residential circulators market by combining high efficiency, simplicity and reliability in a single cost-effective package. Compact and easy to install, all models feature a unique "one turn control knob" to set up control modes and speed settings. An interchangeable plug connection, automatic air-purge and a multicolor LED come as standard. The full ecocirc range reaches an EEI level of ≤0.18.

An even smarter choice
Our ecocirc+ version takes energy savings, simplicity and control to a whole new level. Featuring a digital display and additional operating modes, like Night Mode and eAdapt, it automatically analyzes and adapts itself to the optimal settings, reducing power consumption by up to 80%. Communication via **Bluetooth®** wireless technology allows you to stay in control from a mobile phone, tablet or laptop.

Technical data

Flow rate: Up to 4.5 m^3/h
Head: Up to 8 m
Maximum power consumption: 60 W
Temperature of pumped liquid: -10°C – 110°C
Ambient temperature: -10°C – 110°C
Maximum operating pressure: 10 bar (PN 10)
Power supply: Single-phase 200-240 V 50/60 Hz
Insulation class F (155°C)
Protection class IP 44
Sound level ≤ 43 dB(A)

ecocirc



ecocirc N



ecocirc+



Efficiency
- Best-in-class energy efficiency (EEI ≤0.18)
- ECM motor for intelligent speed control
- Up to 80% lower power consumption
- Optimized hydraulics

Simplicity
- Multifunctional "one turn" knob
- Compact and easy to install
- Easy to read digital display (ecocirc+ range)
- External control and monitoring via Bluetooth® wireless technology (ecocirc+ range)



Economy
- Insulation shell as standard
- Cost savings with Night Mode (ecocirc+ range)
- Comfort self-optimization with eAdapt (ecocirc+ range)

Reliability
- Robust proven design
- Dry-run protection
- Warnings and alarms visualization
- Error codes visualization (ecocirc+ range)

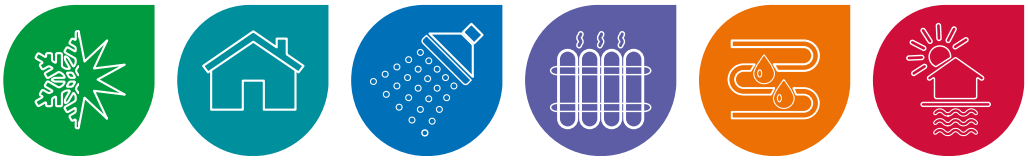
Product ranges

Models ecocirc	Power limit [W]	Port to port [mm]	Port nominal diameter	Max head [m]	Connection	EEI level	Part number	
							Cast iron	AISI304
ecocirc S 15-4/130 (N)	24	130	15	4	G 1 / R ½	≤ 0.16	60B0L1000	60B0L1001
ecocirc M 15-6/130 (N)	34	130	15	6	G 1 / R ½	≤ 0.17	60B0L1002	60B0L1004
ecocirc L 15-8/130 (N)	60	130	15	8	G 1 / R ½	≤ 0.18	60B0L1003	60B0L1005
ecocirc S 20-4/130	24	130	20	4	G 1 ¼ / R ¾	≤ 0.16	60B0L1006	-
ecocirc S 20-4/150 N	24	150	20	4	G 1 ¼ / R ¾	≤ 0.16	-	60B0L1008
ecocirc M 20-6/130	34	130	20	6	G 1 ¼ / R ¾	≤ 0.17	60B0L1007	-
ecocirc M 20-6/150 N	34	150	20	6	G 1 ¼ / R ¾	≤ 0.17	-	60B0L1009
ecocirc S 25-4/130 (N)	24	130	25	4	G 1 ½ / R 1	≤ 0.16	60B0L1010	60B0L1013
ecocirc S 25-4/180 (N)	24	180	25	4	G 1 ½ / R 1	≤ 0.16	60B0L1016	60B0L1019
ecocirc M 25-6/130 (N)	34	130	25	6	G 1 ½ / R 1	≤ 0.17	60B0L1011	60B0L1014
ecocirc M 25-6/180 (N)	34	180	25	6	G 1 ½ / R 1	≤ 0.17	60B0L1017	60B0L1020
ecocirc L 25-8/130 (N)	60	130	25	8	G 1 ½ / R 1	≤ 0.18	60B0L1012	60B0L1015
ecocirc L 25-8/180 (N)	60	180	25	8	G 1 ½ / R 1	≤ 0.18	60B0L1018	60B0L1021
ecocirc S 32-4/180 (N)	24	180	32	4	G 2 / R 1 ¼	≤ 0.16	60B0L1022	60B0L1025
ecocirc M 32-6/180 (N)	34	180	32	6	G 2 / R 1 ¼	≤ 0.17	60B0L1023	60B0L1026
ecocirc L 32-8/180 (N)	60	180	32	8	G 2 / R 1 ¼	≤ 0.18	60B0L1024	60B0L1027

Models ecocirc +	Power limit [W]	Port to port [mm]	Port nominal diameter	Max head [m]	Connection	EEI level	Part number	
							Cast iron	AISI304
ecocirc S+ 15-4/130	24	130	15	4	G 1 / R ½	≤ 0.16	60B0L1028	-
ecocirc M+ 15-6/130	34	130	15	6	G 1 / R ½	≤ 0.17	60B0L1029	-
ecocirc L+ 15-8/130	60	130	15	8	G 1 / R ½	≤ 0.18	60B0L1030	-
ecocirc S+ 20-4/130	24	130	20	4	G 1 ¼ / R ¾	≤ 0.16	60B0L1031	-
ecocirc M+ 20-6/130	34	130	20	6	G 1 ¼ / R ¾	≤ 0.17	60B0L1032	-
ecocirc S+ 25-4/130	24	130	25	4	G 1 ½ / R 1	≤ 0.16	60B0L1033	-
ecocirc M+ 25-6/130	34	130	25	6	G 1 ½ / R 1	≤ 0.17	60B0L1034	-
ecocirc L+ 25-8/130	60	130	25	8	G 1 ½ / R 1	≤ 0.18	60B0L1035	-
ecocirc S+ 25-4/180	24	180	25	4	G 1 ½ / R 1	≤ 0.16	60B0L1036	-
ecocirc M+ 25-6/180	34	180	25	6	G 1 ½ / R 1	≤ 0.17	60B0L1037	-
ecocirc L+ 25-8/180	60	180	25	8	G 1 ½ / R 1	≤ 0.18	60B0L1038	-
ecocirc S+ 32-4/180	24	180	32	4	G 2 / R 1 ¼	≤ 0.16	60B0L1039	-
ecocirc M+ 32-6/180	34	180	32	6	G 2 / R 1 ¼	≤ 0.17	60B0L1040	-
ecocirc L+ 32-8/180	60	180	32	8	G 2 / R 1 ¼	≤ 0.18	60B0L1041	-

ecocirc-en_a_sc

Applications



Heating and Cooling Systems

Residential Buildings

Domestic Hot Water Systems

Systems with Thermostatic Radiator Valves

Underfloor Heating Systems

Thermal Solar Systems

xylem
Let's Solve Water

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.

www.xylem.com

For information and technical support
Xylem Service Italia Srl

Via Dottor Vittorio Lombardi 14
36075 - Montecchio Maggiore (VI) - Italy
Tel. (+39) 0444 707111
Fax (+39) 0444 491043
www.lowara.com
www.xylem.com

Xylem reserves the right to make modification without prior notice.
Lowara, ecocirc are trademarks of Xylem Inc. or one of its subsidiaries.
The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Xylem Service Italia S.r.l. is under license.
© 2020 Xylem, Inc

LOWARA

cod. 191027291 - P02/20