# Simply logical: the new *Ecolift L* hybrid lifting station

## KESSEL uses the free gradient for direct drainage to the sewer

Based on the motto "The more logical decision: the direct route to sustainable building", the drainage specialist KESSEL presents its new *Ecolift L* hybrid lifting station as an efficient and environmentally friendly drainage solution. With the extension of the *Ecolift* product family, a proportion of which is made of recycled material, the company offers a flexible alternative to classic lifting stations with a pumping capacity of 1.35 kW and 6 l/s. This means that the hybrid lifting station is designed for new buildings and energy-related renovations, especially for apartment buildings, rented houses, semi-detached houses and for smaller and medium-sized commercial premises. "We are the only provider of hybrid lifting stations of this magnitude. Since a total of around 30 to 40 percent of conventional systems can be replaced by energy-saving hybrid solutions and the focus is on efficient and sustainable products in new buildings, we are creating suitable solutions that are in touch with the latest trends with our *Ecolift* portfolio," explains KESSEL product manager Joachim Q. Ziob.

**Simple, efficient and safe**

The innovative *Ecolift* principle is designed for use on ample gradients from the drainage points to the sewer and provides numerous advantages thanks to this direct route: The hybrid lifting station uses gravity in normal operation and pumps only in the event of backwater. Compared to classic lifting stations, the *Ecolift L* therefore saves around 70 percent of electricity with lower wear, lower noise emissions, reduced maintenance costs (halving of maintenance intervals in the commercial sector) and higher operational safety. In the event of power failure, the wastewater can continue to flow through the gradient and the integrated backwater protection prevents water rising from the sewer into the building at the same time.

**Flexible all-rounder**

Whether as an expandable Mono system or a complete Duo system with two pumps, whether with a space-saving bypass system or connection of a pressure pipe via the backwater level: Due to its low installation dimensions, the *Ecolift L* hybrid lifting station can be flexibly adapted to the respective installation situation and the individual application. Assembled plug-in ready

The compact system can be installed easily and quickly. The optional wall bracket allows for an additional gradient to the sewer, making the *Ecolift L* even more accessible for tool-free maintenance.

"The hybrid principle is so innovative that there is no standard for it yet. We have ensured its use under building legislation through the approval from the German Institute for Structural Engineering (DIBt approval Z-53.2-493)", explains Ziob.

All information and services relating to the sustainable *Ecolift L* hybrid lifting station can be found at [www.ecolift.kessel.com](http://www.ecolift.kessel.com)

**About KESSEL**

KESSEL is a leading international supplier of high-quality drainage solutions that create safety where there is flowing water. Since 1963, KESSEL products have been sustainably protecting people and their environment by draining buildings, treating wastewater and preventing damage caused by backwater. With its main production site and company headquarters in Lenting near Ingolstadt as well as other sites in Europe and Asia, KESSEL combines outstanding “Made in Germany” quality with a global presence and customer proximity. The company hereby focuses heavily on the areas of climate neutrality, sustainable management, environmental protection and social responsibility.

### Images

# Simply logical: direct drainage with the Ecolift L

Source: KESSEL AG

Ein Bild, das Spielzeug enthält.

Automatisch generierte Beschreibung

Caption: Efficient, environmentally friendly and safe: The new *Ecolift L* Duo Bypass for use with free gradients to the sewer as a sustainable solution for new buildings, energy-efficient renovations and commercial use.

Ein Bild, das Text, Flasche, Design, Darstellung enthält.

Automatisch generierte BeschreibungEin Bild, das Text, Flasche, Design enthält.

Automatisch generierte Beschreibung

Caption: Functional diagram of the *Ecolift L* with a space-saving bypass system (left) and connection of a pressure pipe via the backwater level (right).

Ein Bild, das Wand, Im Haus, Waschbecken, Installationszubehör enthält.

Automatisch generierte Beschreibung

Caption: The new *Ecolift L* hybrid lifting station with a capacity of 1.35 kW is an environmentally friendly solution with a high potential for savings, both in the commercial sector and when used downstream of grease separators.

Ein Bild, das Text, Schrift, Screenshot, Grafiken enthält.

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Caption: With its *Ecolift* range of hybrid lifting stations, the drainage specialist KESSEL offers an efficient and sustainable alternative to classic lifting stations.