

The Wieland Group participates in the Swiss energy efficiency start-up Joulia as part of a strategic cooperation

- > 50% heat recovery from shower water
- Highly efficient heat exchangers from Wieland
- Strategic cooperation between Joulia SA and the Wieland Group

With this investment, the Wieland Group enters into a strategic partnership with Joulia SA. The common goal is to scale up the solution developed by Joulia for heat recovery from shower water.

Joulia SA, which was spun off from Creaholic SA in Biel, Switzerland in 2010, develops and manufactures shower drains with integrated heat recovery, which are used in private households as well as in hotels and other commercial buildings. With a Joulia shower drain, a household can recover over 50% of the heat in the shower water, which today usually disappears unused in the waste water at high temperatures.

To achieve this and to meet the different requirements, there are different variants available. However, the core element is always the highly efficient copper heat exchanger from Wieland with special safety tubes. The founders and some Wieland teams have already worked closely together up to the present day.

Today, the Joulia shower drain is the first product of its kind that has both KIWA and DVGW approval for the German market. This shower drain with heat recovery thus becomes an interesting component, from an energy and economic point of view, for meeting the low-energy house standards of the EU.

The strategic partnership allows the strengths of both partners to be combined. In addition to technical know-how, Wieland also contributes operational expertise to support Joulia. The

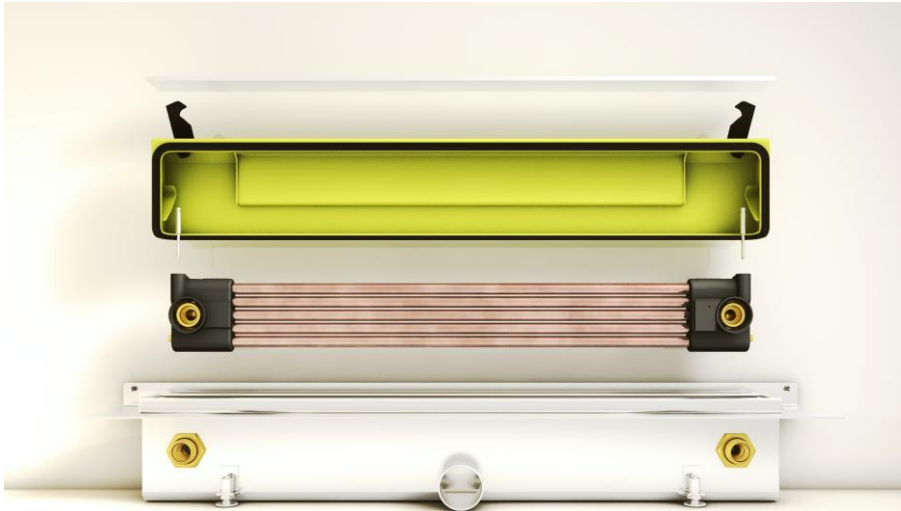
Press Release

Joulia team sees the intensified cooperation with Wieland as an opportunity to further optimize and industrialize their technology and production in order to make the high-quality and sustainable solution available to even more customers. This product, which has won multiple international awards, has already been installed several thousand times in the test markets Switzerland and the Netherlands and the roll-out in other countries is currently being jointly planned.

Pictures



Joulia shower drain channel (source: www.joulia.com)



Joulia shower drain channel with integrated heat exchanger from Wieland (source: www.joulia.com)

About Wieland

Wieland is one of the world's leading suppliers of semi-finished copper and copper alloy products. With a global network of production sites, service and trading companies, the company offers a broad portfolio of products, technologies and services. Wieland develops solutions for automotive, electronics, refrigeration and air-conditioning technology and other industries from prototype to series production. With high-performance copper materials, Wieland drives the success of its B2B customers in future-oriented fields such as electromobility, connectivity or urbanization. High technical competence, customer-oriented thinking and sustainability determine the company's actions and have been the basis of its success since 1820.

About Joulia SA

Joulia SA, based in Biel/Bienne/Switzerland, is a spin-off of the innovation house Creaholic SA, was founded in 2010 and is dedicated to the topic of heat recovery from shower water. As hot water in modern residential buildings already requires more energy than the entire heating system, there is a huge potential for efficiency.

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The 5-member team of Joulia SA is very interdisciplinary and develops, produces and distributes the innovative technology as a complete shower drain with heat recovery as well as a module for Joulia's OEM customers.

Wieland in brief

Headquarter

Graf-Arco-Straße 36 | 89079 Ulm | Germany

Facts

*1820 in Ulm, Germany | Sales: approx. 743 kt | Turnover:
approx. 4,5 bn. € | Employees appr. 9.000 [Pro forma financials FY18/19
including Global Brass and Copper results]

Executive Board

Dr. Erwin Mayr, CEO | Ulrich Altstetter, CTO | Dr. Jörg Nübling, CFO

Chairman of the Supervisory Board

Fritz-Jürgen Heckmann

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