

Press information



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BITZER presents redesigned condensing units at Chillventa eSpecial 2020

One fits all: BITZER ECOLITE 2.0

Sindelfingen, 13.10.2020. The BITZER ECOLITE 2.0 series of condensing units is ready for serial release in autumn 2020 and includes the approval for A2L refrigerants along with further significant novelties.

The ECOLITE 2.0 series of condensing units is now available within the BITZER Distribution Network. Its main new features include the approval for the refrigerants of the safety group A2L (R1234ze/yf, R455A and R454C) and new functions inside the controller (for example the oil return function) supporting reliable and efficient operation. The first field test units of the ECOLITE 2.0 have already been shipped and commissioned.

Flexibility for every demand

ECOLITE condensing units open up a wide range of applications from 1.5 kW to 5 kW in the freezing range and from 3.5 kW to 16 kW in the normal refrigeration range. One of their great advantages is that each of the seven models can be used for various refrigerants and different applications in all climate zones – for example in cold stores, petrol stations and corner shops.

The new ECOLITE version is compatible with low-GWP refrigerants of the A2L category and offers a future-proof solution for refrigerants with a GWP below 150. Thanks to its plug-and-play concept, users enjoy the option of quick installation with all ECOLITE models. Furthermore, the commissioning can be easily done via the user-friendly controller with a display and connectivity to the BEST software.

Press information



The design of the condensing units ensures that their components are easily accessible and can be serviced quickly, if necessary.

Its compact and low-sound design allows installations of the ECOLITE both in urban and rural areas. Furthermore, the semi-hermetic ECOLINE compressor equipped with the mechanical capacity control VARISTEP makes the unit exceptionally efficient, flexible and reliable.



As an independent specialist for refrigeration and air conditioning technology, BITZER is present all over the world: with products and services for refrigeration, air conditioning and process cooling as well as transport, BITZER ensures optimum temperature conditions for trade in goods, industry processes and indoor climate control – always considering highest possible energy efficiency and quality. BITZER is represented all over the world with 72 sites in 37 countries, including its sales companies and production facilities. Trade and service partners included, the BITZER network of manufacturing, development and sales extends to almost all countries in the world. In 2019, 3,800 employees generated a turnover of €808 million; expenditure for research and development totalled €46 million.

Overview of images

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Image 1: BITZER ECOLITE will soon be available for A2L refrigerants; earlier this year, BITZER condensing units took first place in the German 2020 HVACR trust award

Press information

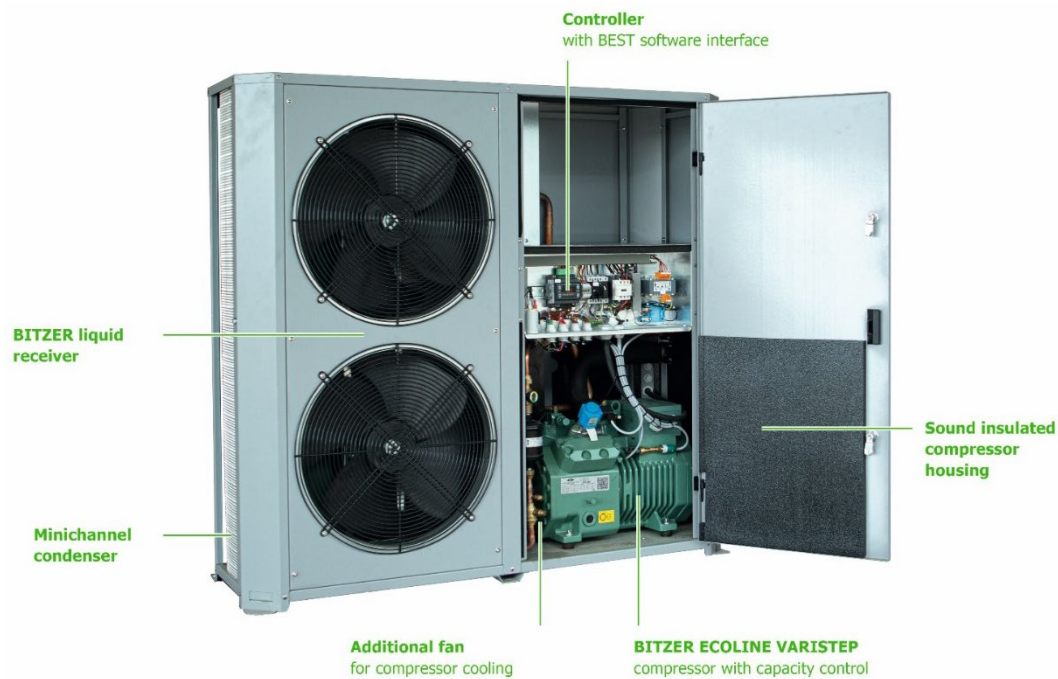


Image 2: Thanks to its plug-and-play concept, the ECOLITE condensing unit offers convenient access to all components