Press information

BITZER SE
Peter-Schaufler-Platz 1
71065 Sindelfingen // Germany
Tel +49 7031 932-0
Fax +49 7031 932-147
bitzer@bitzer.de // www.bitzer.de

Unser Zeichen // Our Ref.

Abs. // Sender	Patrick Koops
Abt. // Dept.	Public Relations
Tel Dw. // Ext.	+49 7031 932-4327
Fax Dw. // Ext.	+49 7031 932-54327
E-Mail	patrick.koops@bitzer.de

Versatile and flexible: BITZER ECOLITE condensing units are designed for both low and medium temperature applications

Adaptable and user-friendly

Sindelfingen, 12.08.2019. The independent refrigeration and air conditioning specialist BITZER has expanded its range of condensing units to include a new series. The seven air cooled ECOLITE models have been designed for low and medium temperature applications and are available in an attractive housing.

The three ECOLITE LHL3E condensing units with one fan and the four LHL5E models with two fans open up a wide range of applications, from 1.5 kW to 5 kW in the low temperature refrigeration range and from 3.5 kW to 16 kW in the medium temperature range. All seven models in the new series have been designed as standard for a wide range of both low and medium temperature applications – for example, in cold stores, display counters and small shops. Their compact, low sound design and the use of efficient components in combination with the capacity control of the semi-hermetic compressors make them exceptionally adaptable.

Flexible and compact

Thanks to the VARISTEP mechanical capacity control, all ECOLITE condensing units offer stepless capacity adjustment in a range from 50 to 100 per cent. The LHL5E models enable flexible capacity control between 10 and 100 per cent as an optional feature. ECOLITE has also been specially developed for low sound operation and features a robust and corrosion-resistant housing for outdoor use. Thanks to their compact construction, the condensing units can also be easily integrated even when space is limited. Another advantage of the series is the low refrigerant charge required thanks to

efficient mini-channel condensers with a high heat transfer rate. BITZER has also integrated proprietary components optimised for the system as well as its ECOLINE reciprocating compressors into the ECOLITE series.

Future-proof and sustainable

BITZER ECOLITE condensing units are easy to use, have control software developed by BITZER and work very reliably thanks to the well-known development and production work at BITZER. Users benefit from the fact that all components are precisely matched to one another. The entire series is Ecodesign-compliant and has been designed for use with common refrigerants, including those with a low global warming potential such as HFO blends. The extensive equipment and plug-and-play concept make installing and commissioning the condensing units very quick and easy.

Intuitive and convenient

All the components of the ECOLITE condensing units are easily accessible, whilst its controller offers intuitive operation and enables use of the BITZER Electronics Service Tool (BEST). BEST assures a user-friendly overview of parameters and the operating status and also offers support via a data logging function and the convenient setting of parameters. And with their optional accessories, the ECOLITE condensing units show their practical side too: for example, a second capacity control for the LHL5E models, an oil separator with check valve and a temperature sensor for operation based on room temperature are available.

■

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 65 sites in 34 countries – sales companies and production sites inclusively. Trade and service partners included, the BITZER network of manufacturing, development and sales extends to almost all countries in the world. In 2018, 3,500 employees generated a turnover of €740 million; expenditure for research and development totalled €37 million.

Overview of images

Images may only be used for editorial purposes. They can be used free of charge if the source is given – 'Photo: BITZER' – and a free copy of the publication is sent to us. Images may not be modified or altered, except to crop out the background surrounding the main subject.

Press information

Image 1: The seven air cooled models in the new ECOLITE series are designed for low and medium temperature applications

Image 2: ECOLITE condensing units are suitable for a whole host of applications – here, for example, at a Danish brewery

Press information

Image 3: Accessing all the components is just as easy as commissioning the system with its plug-and-play concept