

Product profile



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ECOLITE LHL7E – condensing units with expanded capacity range for commercial refrigeration

The new LHL7E models are joining the LHL3E and LHL5E in the BITZER ECOLITE series of condensing units. They are expanding the capacity range of the ECOLITE series with up to 24 kW in medium temperature application and up to 6 kW in low temperature application. The LHL3E, LHL5E and LHL7E condensing units are approved for use with refrigerants of the A1 and A2L safety groups and can therefore be used in a variety of both low and medium temperature applications across all climate zones – for example for cold stores at petrol station shops and fast-food restaurants.

The ECOLITE LHL7E continues the plug-and-play concept, allowing users to quickly install any ECOLITE model. The system can be commissioned via the user-friendly controller with display or in combination with BITZER BEST SOFTWARE. Designed to ensure direct access to all the components, the condensing units simplify commissioning and maintenance. The ECOLITE condensing units are also compact and operate with low sound levels, while their robust weather protective housing means that they are suitable for outdoor installation.

The semi-hermetic ECOLINE reciprocating compressors with VARISTEP mechanical capacity control ensure efficient, flexible and reliable operation of condensing units in part and full load. For an additional boost in system efficiency, the ECOLITE LHL7E offers optional heat recovery – a must for modern system concepts.

Digital solutions such as the BITZER BEST SOFTWARE allow users to configure and monitor ECOLITE condensing units, with further digital services available via the BITZER Digital Network (BDN) online platform.

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BITZER is active all over the world as an independent specialist in refrigeration and air conditioning technology: with products and services for refrigeration, air conditioning, process cooling, heat pumps and transport, BITZER ensures optimum temperature conditions in goods trading, industrial processes and air conditioning – always in the context of maximum energy efficiency and quality. The BITZER Group is represented across the globe with distribution companies and production facilities at 72 locations in 38 countries. The BITZER production, development and sales association, including trading and service partners, operates in nearly every country around the world. In 2021, more than 3,900 employees generated sales of €928 million, with €47 million invested in research and development.

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