

efficiency in food and energy processes.

The Grasso ammonia chiller achieves an energy efficiency ratio (EER) of 5.5

BluAstrum: compact and efficient

At Chillventa, GEA is premiering a new chiller design that sets new standards in energy efficiency and compactness. For the heart of the completely new chiller range, the GEA development team has designed a high-efficiency compressor series with speed-control, frequency inverter, and variable Vi for maximum partial-load efficiency. The new Grasso chiller sets a new benchmark for ESEER values. Its compactness enables customers to replace older chillers easily with this high-efficiency Grasso chiller range. As an option, a new housing is available to reduce noise levels even further, allowing the chiller to be used over a wide range of operating conditions. The final series of the new design will comprise six chiller types with a capacity range from 500 kW to 2,000 kW. Additionally, air-cooled and heat pump series are being developed in parallel.



Photo: Grasso_BluAstrum.jpg

With its new Grasso BluAstrum Range, GEA is offering a compact liquid chiller that operates at great efficiency. Its compact design allows it to be taken into the installation site through standard doors. It is therefore not only ideally suited for new buildings, but also for replacement of older chillers that operate with the refrigerant R22.