

# Press information



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BITZER wins fifth China Refrigeration Innovation Product award in a row

## Award for excellent efficiency: BITZER HS95 screw compressors

- HS95 screw compressors awarded the Innovation Product 2019 prize at China Refrigeration
- New HS models: highly efficient at full and part load
- Wide range: low and medium-temperature refrigeration, air-conditioning, heat pump and marine applications

*Shanghai/Sindelfingen, 03.04.2019. Outstanding performance with high system energy efficiency – the new screw compressor series from BITZER convinced the specialist jury of the China Refrigeration trade fair. The HS95 compressors received the Innovation Product of the year 2019 award in the "HVAC&R Parts" category and are presented at BITZER stand F01, hall E2 from 9 to 11 April in Shanghai.*

BITZER has successfully developed its compressors further. The new and bigger models of the tried-and-tested HS screw compressor series offer significant efficiency improvements of motors and mechanics, enabling a better system efficiency in full and part load operations than ever before. The semi-hermetic HS95 screw compressors are designed for a wide application range like refrigeration, air-conditioning, heat pump and marine systems and offer displacements of up to 1,015 m<sup>3</sup>/h (50 Hz). HS95 screw compressors can be used both in single and parallel compressor systems, meaning up to four compressors can be connected. In parallel compounding, they reach displacements of up to 4,060 m<sup>3</sup>/h.

### Great user flexibility and serviceability

The HS95 capacity regulation can be performed both with the stepless mechanical capacity control or with the external frequency inverters. The series is designed for a large number of refrigerants like R22, R507A/R404A, R134a as well as for new refrigerants like R1234yf, R1234ze(E) and low-GWP blends. Users benefit from the integrated BITZER IQ module, which ensures an extended protection

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concept and an accurately fitting slider control. Further advantages are the robust design, the low sound and vibration levels as well as the simple handling and serviceability.

## Innovation driver of compressor technology

BITZER already convinced the experts of China Refrigeration last year: In 2018, the ECOLINE+ reciprocating compressors with IQ module won the Innovation Product Award in the Refrigeration Component category. This year's award for HS95 screw compressor shows that BITZER drives the innovation of refrigeration and air-conditioning in a wide range of compressor technology.



The BITZER Group is the world's largest independent manufacturer of refrigeration compressors. With its distributors and production facilities for reciprocating, screw and scroll compressors, as well as heat exchangers and pressure vessels, BITZER is represented all over the globe. In 2017, 3,500 employees generated sales of €740 million.

## Overview of images

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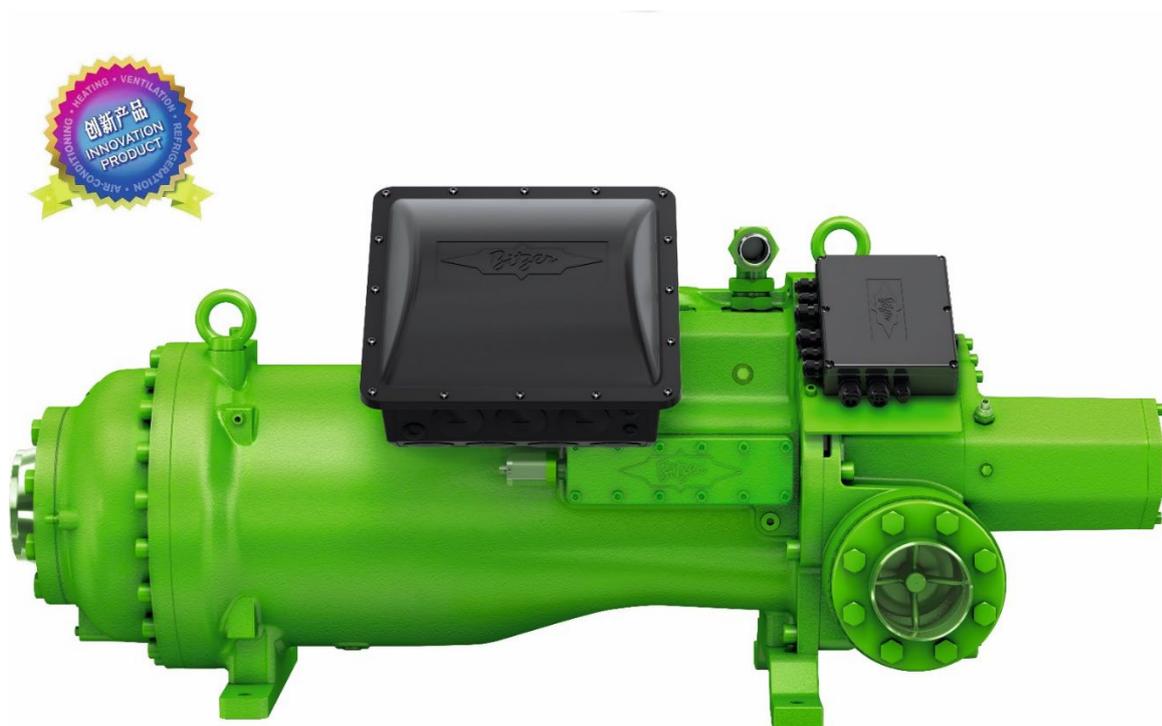


Image: The awarded HS95 screw compressor series is suitable for low and medium temperature refrigeration as well as air-conditioning, heat pump and marine applications