

Sintesis™ Excellent GVAF XSE/XSS High-Speed Centrifugal Chillers



TRANE®



Cooling capacity 480-988kW

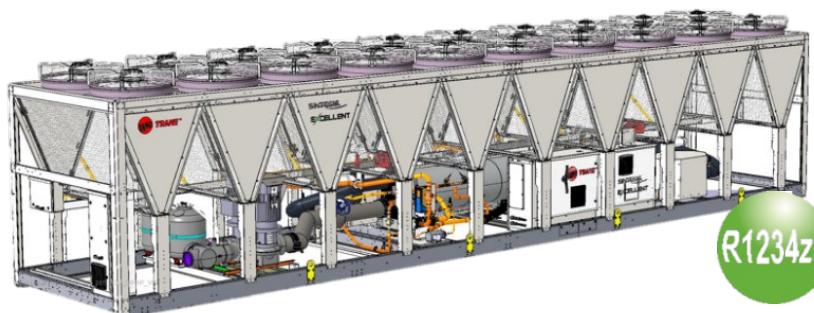
Highest efficiency for highly sustainable cooling

At Trane, we are fully committed to **reducing carbon footprint** of HVAC systems.

By introducing our latest high-speed centrifugal compressor to our GVAF we create new frame sizes to further extend our best-in-class range.

Each unit is available in two frame sizes:

- XSE with larger condenser
- XSS with the shortest possible condenser
- **Sustainable:** Fully optimized for near-zero GWP refrigerant R1234ze
- **Efficient:** High-speed centrifugal compressors
Class A in full load efficiency cooling
- **Compact:** XSS space-saving version with smaller footprint
- Ecodesign Compliant (ErP 2021) by +35% above the threshold
- **Intelligent and connected:** Trane Symbio™ 800 controller for flexible installation, greater energy efficiency, proven reliability and secure system integration and building connectivity



TRANE
TECHNOLOGIES™

R1234ze

Ideal for



Office buildings



Healthcare



Plastics industry



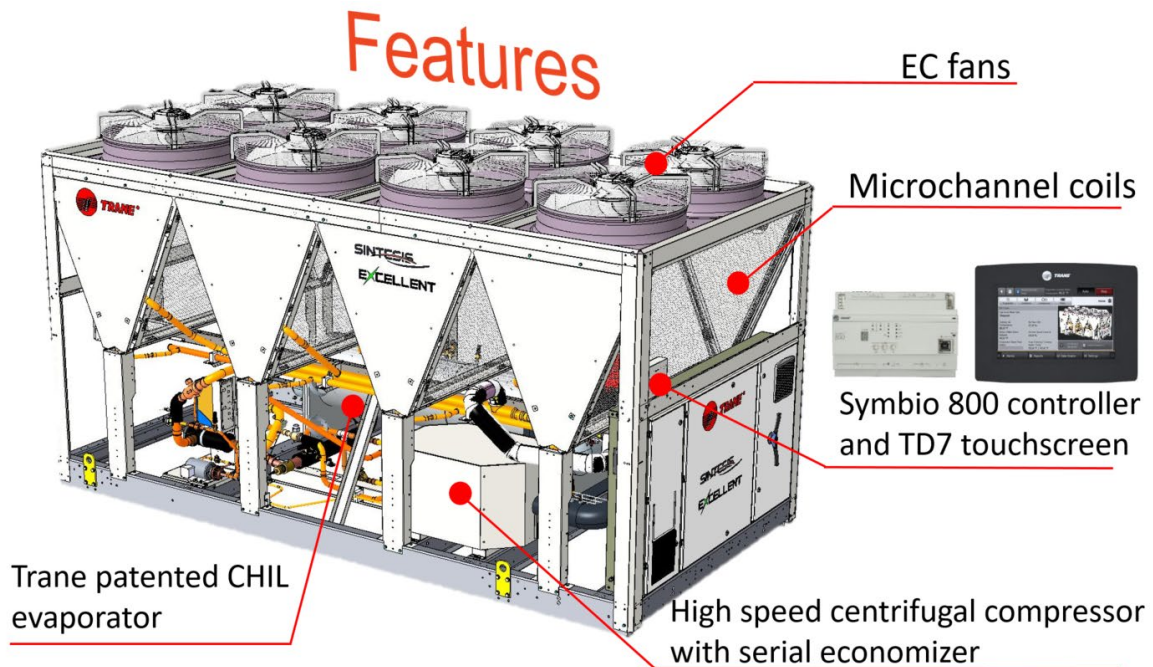
Pharmaceutical

General data

Unit Sizes		140	140	285	285
Efficiency		XSS	XSE	XSS	XSE
Cooling (1) (2)					
Total cooling capacity	kW	480	493	955	988
Energy Efficiency Rating (EER)		3.3	3.4	3.3	3.3
Space cooling efficiency $\eta_{s,c}$	%	223	235	229	242
SEER		5.6	6.0	5.8	6.1
Water flow rate	l/s	23	23	45	47
Pressure drop	kPa	52	55	41	44
Water pipe connection	mm	DN125	DN125	DN150	DN150
Compressor					
Type		High Speed Centrifugal Compressor			
Number of compressors		1	1	2	2
Number of circuit		1	1	2	2
Electrical					
Max Operating Amps	A	254	259	505	515
Dimensions & Weight (basic model only)					
Length	mm	4520	5650	9390	11270
Width	mm	2200	2200	2200	2200
Height	mm	2554	2554	2554	2554

(1) According EN 14511:2018 & EN 14825:2018, Outdoor air temperature 35°C – Chilled water temperature 12/7°C

(2) Final data subject, to changes. Final data will be submitted to Eurovent during first quarter of 2022.



Trane - by Trane Technologies (NYSE: TT), a global climate innovator - creates comfortable, energy efficient indoor environments for commercial and residential applications. For more information, please visit trane.eu or tranetechnologies.com. Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.