

High-Speed Centrifugal Heat Pumps GVWF XSH



Heating Capacity from 380 to 1510 kW
Up to 5.78 SCOP MT

Revolutionizing the Future of Heating with Sustainable Solutions

At Trane, we are dedicated to making a significant impact on reducing carbon footprint through innovative heating system.

By introducing magnetic levitation compressor technology into heat pumps, we create a new range of efficient and sustainable units that will facilitate the transition from fossil heating to Electrification.

Together, we can make a significant difference in the fight against climate change

- **Sustainable:** Heating fully optimized for near-zero GWP refrigerant R1234ze
- **Efficient:** Up to 5.78 SCOP MT (47/55°C)
- **Extended operating map:**
 - Up to 65°C Hot water delivery
 - Temperature source up to 27°C
- **Intelligent and connected:** with Trane Symbio™ 800 controller for flexible installation, greater energy efficiency, proven reliability, secure system integration and building connectivity

Ideal for



Space Comfort heating



Industrial process heating



Cascade with Air to Water HP

General Data

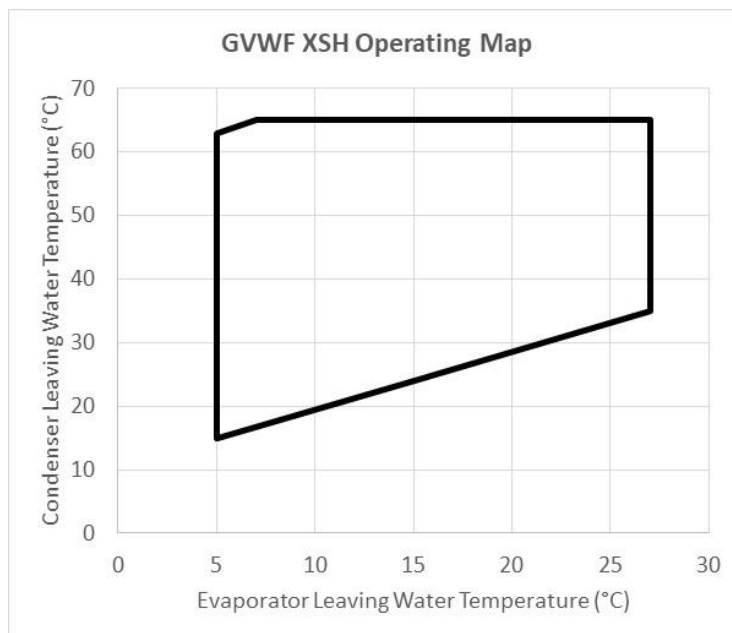
		GVWF 116	GVWF 226	GVWF 326	GVWF 426
		XSH	XSH	XSH	XSH
Max. Heating Capacity (1)	kW	383	759	1 143	1 511
COP (1)		3.93	3.80	3.87	3.89
SCOP (1)		5.53	5.40	5.73	5.78
Space heating Efficiency (1)	%	213	208	221	223
Max. Heating Capacity (2)	kW	375	755	1 109	1 508
COP (2)		6.72	6.64	7.05	7.02
Max. Heating Capacity (3)	kW	455	901	1 373	1 832
COP (3)		4.66	4.61	4.71	4.72
Compressor Type		High Speed Centrifugal Compressor			
Number of refrigerant circuits		1	2	2	2
Number of compressors		1	2	3	4
Refrigerant		R1234ze			
Sound Power Level	dB(A)	97	89	90	91
Length	mm	2 865	2 980	4 720	4 780
Width	mm	1 130	1 125	1 695	1 795
Height	mm	1 975	1 870	2 035	2 135
Operating Weight	kg	2 172	2 424	4 025	5 002

- (1) Medium Temperature Heating Condition: 47/55°C Entering/Leaving Condenser – 10/7°C Entering/Leaving According to EN 14511 2018 & EN 14825.2018 Standards
- (2) 35/45°C Entering/Leaving Condenser – 30/25°C Entering/Leaving According to EN 14511 2018
- (3) 55/65°C Entering/Leaving Condenser – 30/25°C Entering/Leaving According to EN 14511 2018

Operating Map



R1234ze



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.

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