



weisstechnik Technology Center **Climate tests according to MIL-STD**



Description

The **weisstechnik** Technology Center in Reiskirchen enables climate tests in a temperature range of -60 °C up to +80 °C in a 105 m³ climate test chamber (e.g. for 20" military containers). With this chamber we qualify air conditioning units for room air and electronics cooling, container and tent systems as well as products and materials according to your requirements. Especially for the military sector we have the possibility to simulate the climate zones A1-A3, B1-B3 and C0 according to STANAG 2895 and MIL-STD.

Operation modes

- Air conditioning
- Humidify and dehumidify air
- Liquid cooling
- Liquid heating
- Clean room tests

Technical data of the climate chamber

Dimensions					
		Unit	Segment 1	Segment 2	Segment 12
Dimensions	Height	mm	3500	3500	3500
	Width	mm	4000	4000	4000
	Depth	mm	3650	3650	7500
Performance and operating data					
Cooling capacity	Liquid	kW	/	/	2 x 150
	Air		150	150	300
Heating capacity	Liquid	kW	/	/	2 x 150
	Air		150	150	300
Operating temperature		°C	-60 to +80		
Temperature change rate		K/min	0,5 ¹		
Relative humidity range		%	8 to 95		
Refrigerant		/	AC* R449A; LT* R469A ²		

1 according to IEC 60068-3-5; average, measured in the supply air

2 AC* = Air Conditioning; LT* = Low Temperature