



DESCRIPTION

Delivering superior performance while streamlining handling, the ProofTainer family features six sizes, accommodating from 0.5 – 2 EU or 1 - 2 US pallets. Whether you're shipping clinical trials or commercial drugs, we ensure consistent temperature control throughout your products journey. With qualified temperature ranges from -70°C to +20°C and over 120 hours of autonomy, ProofTainer provides optimal conditions for your sensitive cargo, delivering the flexibility you need for your product requirements.

DIMENSIONS AND WEIGHT

External Dimensions (l x w x h) [mm] [inch]		Internal Dimensions ¹ (l x w x h) [mm] [inch]		Tolerances [mm] [inch]			
1423 x 1490 x 1580		56 x 58.7 x 62.2		1200 x 1250 x 1220		47.2 x 49.2 x 48	
644 ± 20		1419.8 ± 44.1		558		1230.2	
Tare Weight ¹ [kg] [lbs]		Volumetric weight [kg] [lbs]		Maximum Payload (Weight) [kg] [lbs]		Payload ¹ (Volume) [L]	
644 ± 20		1419.8 ± 44.1		558		1230.2	
1200		2645.5		1755			

¹including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

ProofBlok	Pieces	Dimensions ² (l x w x h) [mm] [inch]	Weight [kg] [lbs]	Material number
27L -21G	52	470 x 275 x 32 18.5 x 10.8 x 1.3	4.3 9.5	AK000033

²dimensions of empty Temperature Battery shell, variation due to PCM inside and aggregation state possible

PERFORMANCE The ProofTainer US -21G is qualified in the temperature range from -25 °C to -15 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
regular summer	≥ 113	≥ 5683	+30.3
extreme summer	83	n.a.	+50.1

³Detailed information about the concept of Kelvin-hours on www.kelvinhours.com

For more details, please view the qualification report. Before performing a shipment with the ProofTainer US -21G it is suggested that the user performs a validation process with the equipment available and under the conditions available. A test in worst case conditions is recommended. The box provides a very stable and well-designed system solution which has to be adapted on the particular requirements of the user.

For more information please contact support@envirotainer.com.