

# ProofTainer US -21G

[va-Q-tainer USx -21G]

For -25 °C to -15 °C shipments

# Envirotainer°

Precision with Purpose



## 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)		Internal Dimensions <sup>1</sup> (l x w x h)		Tolerances	
[mm]	[inch]	[mm]	[inch]	[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	± 8	± 0.3

Tare Weight <sup>1</sup>		Volumetric weight		Maximum Payload (Weight)		Payload <sup>1</sup> (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
644 ± 20	1419.8 ± 44.1	558	1230.2	1200	2645.5	1755

<sup>1</sup>Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

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

<sup>2</sup>dimensions 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 <sup>3</sup>	Average ambient temperature [°C]
regular summer	≥ 113	≥ 5683	+30.3
extreme summer	83	n.a.	+50.1

<sup>3</sup>Detailed information about the concept of Kelvin-hours on [www.kelvinhours.com](http://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](mailto:support@envirotainer.com).