

# ProofTainer Case -21G (Standard)

[va-Q-case 1/2 Euro -21G (Standard)]

For -25 °C to -15 °C shipments

# Envirotainer°

Precision with Purpose



Product picture shows an exemplary solution without temperature batteries

## 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.

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## 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] |
| 800 x 600 x 800                 | 31.5 x 23.6 x 31.5 | 610 x 420 x 470                              | 24 x 16.5 x 18.5 | ± 5        | ± 0.2  |

| Tare Weight <sup>1</sup> |            | Volumetric weight |       | Maximum Payload (Weight) |       | Payload <sup>1</sup> (Volume) |
|--------------------------|------------|-------------------|-------|--------------------------|-------|-------------------------------|
| [kg]                     | [lbs]      | [kg]              | [lbs] | [kg]                     | [lbs] | [L]                           |
| 122 ± 12                 | 269 ± 26.5 | 64                | 141.1 | 100                      | 220.5 | 96                            |

<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  | 14     | 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 Case -21G (Standard) 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] |
|----------------------|----------------|---------------------------|----------------------------------|
| ISTA 7D summer       | > 120          | > 6012                    | +30.1                            |

<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 Case -21G (Standard) 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).