



Product picture shows an exemplary solution for the temperature range +2 °C to +8 °C

## DESCRIPTION

Ensure patient-safe medicines and accurate clinical trial results with ProofPak. Our innovative, reusable thermal packaging ensures precise temperature control from -70°C to +37°C, unaffected by seasons or climate. Qualified according to ISTA 7D standards, ProofPak ensures consistent reliability, safeguarding your temperature-sensitive pharmaceuticals from production through to delivery. Experience seamless logistics with 'ready to load & go', giving you time to focus on advancing your clinical research while we protect your products with unmatched precision and reliability.

## 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]
470 x 455 x 355	18.5 x 17.9 x 14	320 x 320 x 220	12.6 x 12.6 x 8.7	± 5	± 0.2

  

Tare Weight <sup>1</sup>		Payload <sup>1</sup> (Volume)
[kg]	[lbs]	[L]
15.4 ± 1	34 ± 2.2	23

<sup>1</sup>Including Temperature Batteries

## TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions <sup>2</sup> (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
36362 +22G	2	355 x 355 x 20	14 x 14 x 0.8	1.8	4	AK000124
36262 +22G	4	355 x 255 x 20	14 x 10 x 0.8	1.3	2.9	AK000147

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

## PERFORMANCE

The ProofPak 23 Standard +22G is qualified in the temperature range from +15 °C to +25 °C

Temperature scenario	Duration [hrs]	Kelvin-hours <sup>3</sup>	Average ambient temperature [°C]
ISTA 7D summer	≥ 105	≥ 1040	+29.9
ISTA 7D winter	≥ 87	≤ -1270	+5.4

<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 ProofPak 23 Standard +22G 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).



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For +2 °C to +8 °C shipments

## 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]
470 x 455 x 355	18.5 x 17.9 x 14	320 x 320 x 220	12.6 x 12.6 x 8.7	± 5	± 0.2

  

Tare Weight <sup>1</sup>		Payload <sup>1</sup> (Volume)
[kg]	[lbs]	[L]
15.3 ± 1	33.7 ± 2.2	23

<sup>1</sup>Including Temperature Batteries

## TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions <sup>2</sup> (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
36362 +05G	2	355 x 355 x 20	14 x 14 x 0.8	1.8	4	AK000114
36262 +05G	4	355 x 255 x 20	14 x 10 x 0.8	1.3	2.9	AK000146

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

## PERFORMANCE

The ProofPak 23 Standard +05G is qualified in the temperature range from +2 °C to +8 °C

Temperature scenario	Duration [hrs]	Kelvin-hours <sup>3</sup>	Average ambient temperature [°C]
ISTA 7D summer	≥ 110	≥ 2750	+30.2
ISTA 7D winter	> 120	n.a.	+5.3

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

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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]
470 x 455 x 355	18.5 x 17.9 x 14	320 x 320 x 220	12.6 x 12.6 x 8.7	± 5	± 0.2

  

Tare Weight <sup>1</sup>		Payload <sup>1</sup> (Volume)
[kg]	[lbs]	[L]
18.7 ± 1	41.2 ± 2.2	23

<sup>1</sup>Including Temperature Batteries

**TEMPERATURE BATTERY CONFIGURATION**

va-Q-accu	Pieces	Dimensions <sup>2</sup> (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
36362 -21G	2	355 x 355 x 20	14 x 14 x 0.8	2.5	5.5	AK000126
36262 -21G	4	355 x 255 x 20	14 x 10 x 0.8	1.8	4	AK000149

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

**PERFORMANCE** The ProofPak 23 Standard -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]
ISTA 7D summer	≥ 89	≥ 4414	+29.6

<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 ProofPak 23 Standard -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.

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For -20 °C shipments

## 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]
470 x 455 x 355	18.5 x 17.9 x 14	320 x 320 x 220	12.6 x 12.6 x 8.7	± 5	± 0.2

  

Tare Weight <sup>1</sup>		Payload <sup>1</sup> (Volume)
[kg]	[lbs]	[L]
18.9 ± 1	41.7 ± 2.2	23

<sup>1</sup>Including Temperature Batteries

## TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions <sup>2</sup> (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
36262 -26G	4	355 x 255 x 20	14 x 10 x 0.8	1.8	4	AK000398
36362 -26G	2	355 x 355 x 20	14 x 14 x 0.8	2.5	5.5	AK000399

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

## PERFORMANCE The ProofPak 23 Standard -26G is qualified in the temperature range below -20 °C

Temperature scenario	Duration [hrs]	Kelvin-hours <sup>3</sup>	Average ambient temperature [°C]
ISTA 7D summer	≥ 89	≥ 4877	+29.8

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

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