



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.

For +15 °C to +25 °C shipments

DIMENSIONS AND WEIGHT

External Dimensions (l x w x h)		Internal Dimensions ¹ (l x w x h)		Tolerances	
[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
325 x 315 x 310	12.8 x 12.4 x 12.2	171 x 171 x 171	6.7 x 6.7 x 6.7	± 5	± 0.2

Tare Weight ¹		Payload ¹ (Volume)	
[kg]	[lbs]	[L]	
8.6 ± 1	19 ± 2.2	5	

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
22223 +22G	6	216 x 216 x 26.6	8.5 x 8.5 x 1	0.8	1.8	AK000412

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

PERFORMANCE

The ProofPak 4 Standard +22G is qualified in the temperature range from +15 °C to +25 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
ISTA 7D summer	≥ 110	≥ 1078	+29.8
ISTA 7D winter	≥ 82	≤ -1214	+2.2

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 ProofPak 4 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.



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DIMENSIONS AND WEIGHT

External Dimensions (l x w x h)		Internal Dimensions ¹ (l x w x h)		Tolerances	
[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
325 x 315 x 310	12.8 x 12.4 x 12.2	171 x 171 x 171	6.7 x 6.7 x 6.7	± 5	± 0.2

Tare Weight ¹		Payload ¹ (Volume)
[kg]	[lbs]	[L]
8.4 ± 1	18.5 ± 2.2	5

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
22223 +05G	6	216 x 216 x 26.6	8.5 x 8.5 x 1	0.8	1.8	AK000411

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

PERFORMANCE The ProofPak 4 Standard +05G is qualified in the temperature range from +2 °C to +8 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
ISTA 7D summer	≥ 106	≥ 2671	+30.2
ISTA 7D winter	> 144	n.a.	+4.4

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DIMENSIONS AND WEIGHT

External Dimensions (l x w x h)		Internal Dimensions ¹ (l x w x h)		Tolerances	
[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
325 x 315 x 310	12.8 x 12.4 x 12.2	171 x 171 x 171	6.7 x 6.7 x 6.7	± 5	± 0.2

Tare Weight ¹		Payload ¹ (Volume)
[kg]	[lbs]	[L]
9.8 ± 1	21.6 ± 2.2	5

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
22223 -21G	6	216 x 216 x 26.6	8.5 x 8.5 x 1	1	2.2	AK000413

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

PERFORMANCE The ProofPak 4 Standard -21G is qualified in the temperature range from -25 °C to -15 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
ISTA 7D summer	≥ 96	≥ 4800	+29

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

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For -20 °C shipments

DIMENSIONS AND WEIGHT

External Dimensions (l x w x h)		Internal Dimensions ¹ (l x w x h)		Tolerances	
[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
325 x 315 x 310	12.8 x 12.4 x 12.2	171 x 171 x 171	6.7 x 6.7 x 6.7	± 5	± 0.2

Tare Weight ¹		Payload ¹ (Volume)
[kg]	[lbs]	[L]
10.3 ± 1	22.7 ± 2.2	5

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
22223 -26G	6	216 x 216 x 26.6	8.5 x 8.5 x 1	1.1	2.4	AK000446

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

PERFORMANCE The ProofPak 4 Standard -26G is qualified in the temperature range below -20 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
ISTA 7D summer	≥ 90	≥ 4959	+30.1

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

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