



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]
1120 x 900 x 760	44.1 x 35.4 x 29.9	850 x 650 x 433	33.5 x 25.6 x 17	± 7	± 0.3

Tare Weight ¹		Payload ¹ (Volume)
[kg]	[lbs]	[L]
105.1 ± 2	231.7 ± 4.4	240

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
36263 +22G	8	355 x 255 x 32	14 x 10 x 1.3	1.9	4.2	AK000003
46263 +22G	8	455 x 255 x 30	17.9 x 10 x 1.2	2.4	5.3	AK000004
46363 +22G	8	455 x 355 x 30	17.9 x 14 x 1.2	3.4	7.5	AK000006

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

PERFORMANCE The ProofPak 240 Premium +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	> 144	> 1498	+30.4
ISTA 7D winter	≥ 142	n.a.	+5.2

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 240 Premium +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.

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DIMENSIONS AND WEIGHT

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[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
1120 x 900 x 760	44.1 x 35.4 x 29.9	850 x 650 x 433	33.5 x 25.6 x 17	± 7	± 0.3

Tare Weight ¹		Payload ¹ (Volume)
[kg]	[lbs]	[L]
104.2 ± 2	229.7 ± 4.4	240

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
36263 +05G	8	355 x 255 x 32	14 x 10 x 1.3	1.8	4	AK000091
46263 +05G	8	455 x 255 x 30	17.9 x 10 x 1.2	2.3	5.1	AK000150
46363 +05G	8	455 x 355 x 30	17.9 x 14 x 1.2	3.3	7.3	AK000113

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

PERFORMANCE The ProofPak 240 Premium +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	> 144	≥ 3600	+30
ISTA 7D winter	> 144	n.a.	+4.5

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

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For -25 °C to -15 °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]
1120 x 900 x 760	44.1 x 35.4 x 29.9	850 x 650 x 433	33.5 x 25.6 x 17	± 7	± 0.3

Tare Weight ¹		Payload ¹ (Volume)
[kg]	[lbs]	[L]
130 ± 2	286.6 ± 4.4	240

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
36263 -21G	8	355 x 233 x 32	14 x 9.2 x 1.3	2.7	6	AK000013
46263 -21G	8	455 x 255 x 30	17.9 x 10 x 1.2	3.4	7.5	AK000012
46363 -21G	8	455 x 355 x 30	17.9 x 14 x 1.2	4.7	10.4	AK000015

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

PERFORMANCE The ProofPak 240 Premium -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	> 144	> 7214	+30.1

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]
1120 x 900 x 760	44.1 x 35.4 x 29.9	850 x 650 x 433	33.5 x 25.6 x 17	± 7	± 0.3

Tare Weight ¹		Payload ¹ (Volume)
[kg]	[lbs]	[L]
129.4 ± 2	285.3 ± 4.4	240

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
36263 -26G	8	355 x 255 x 31.6	14 x 10 x 1.2	2.6	5.7	AK000391
46263 -26G	8	455 x 255 x 30	17.9 x 10 x 1.2	3.3	7.3	AK000393
46363 -26G	8	455 x 355 x 30	17.9 x 14 x 1.2	4.7	10.4	AK000394

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

PERFORMANCE The ProofPak 240 Premium -26G is qualified in the temperature range below -20 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
ISTA 7D summer	≥ 164	≥ 8971	+29.7

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

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For -40 °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]
1120 x 900 x 760	44.1 x 35.4 x 29.9	850 x 650 x 433	33.5 x 25.6 x 17	± 7	± 0.3

Tare Weight ¹		Payload ¹ (Volume)
[kg]	[lbs]	[L]
138 ± 2	304.2 ± 4.4	240

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
36263 -37G	8	355 x 255 x 31.6	14 x 10 x 1.2	2.9	6.4	AK000168
46263 -37G	8	455 x 255 x 30	17.9 x 10 x 1.2	3.7	8.2	AK000106
46363 -37G	8	455 x 355 x 30	17.9 x 14 x 1.2	5.2	11.5	AK000171

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

PERFORMANCE The ProofPak 240 Premium -37G is qualified in the temperature range below -30 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
ISTA 7D summer	≥ 110	≥ 7106	+29.6

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

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For -50 °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]
1120 x 900 x 760	44.1 x 35.4 x 29.9	850 x 650 x 433	33.5 x 25.6 x 17	± 7	± 0.3

Tare Weight ¹		Payload ¹ (Volume)
[kg]	[lbs]	[L]
131.1 ± 2	289 ± 4.4	240

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
36263 -50G	8	355 x 255 x 31.6	14 x 10 x 1.2	2.7	6	AK000194
46263 -50G	8	455 x 255 x 30	17.9 x 10 x 1.2	3.4	7.5	AK000109
46363 -50G	8	455 x 355 x 30	17.9 x 14 x 1.2	4.8	10.6	AK000199

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

PERFORMANCE The ProofPak 240 Premium -50G is qualified in the temperature range below -40 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
ISTA 7D summer	≥ 95	≥ 7610	+30.1

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

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For -70 °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]
1120 x 900 x 760	44.1 x 35.4 x 29.9	850 x 650 x 433	33.5 x 25.6 x 17	± 7	± 0.3

Tare Weight ¹		Payload ¹ (Volume)
[kg]	[lbs]	[L]
135.6 ± 2	298.9 ± 4.4	240

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
36263 -67G	8	355 x 255 x 31.6	14 x 10 x 1.2	2.8	6.2	AK000464
46263 -67G	8	455 x 255 x 30	17.9 x 10 x 1.2	3.6	7.9	AK000466
46363 -67G	8	455 x 355 x 30	17.9 x 14 x 1.2	5	11	AK000467

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

PERFORMANCE The ProofPak 240 Premium -67G is qualified in the temperature range below -60 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
ISTA 7D summer	≥ 54	≥ 5092	+29.3

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 240 Premium -67G 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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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]
1120 x 900 x 760	44.1 x 35.4 x 29.9	805 x 605 x 440	31.7 x 23.8 x 17.3	± 7	± 0.3

Tare Weight ¹		Payload ¹ (Volume)
[kg]	[lbs]	[L]
105 ± 2	231.5 ± 4.4	214

¹including Dry Ice

DRY ICE CONFIGURATION

Dry Ice compartment	Dry Ice pellet diameter		Weight	
	[mm]	[inch]	[kg]	[lbs]
Upper compartment ²	3	0.1	21	46.3
Side compartments	3	0.1	40	88.2

²including two upper compartments

PERFORMANCE The ProofPak 240 Dry Ice is qualified in the temperature range below -60 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
ISTA 7D summer	≥ 132	≥ 13847	+29.9

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 240 Dry Ice 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 +30 °C to +40 °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]
1120 x 900 x 760	44.1 x 35.4 x 29.9	850 x 650 x 433	33.5 x 25.6 x 17	± 7	± 0.3

Tare Weight ¹		Payload ¹ (Volume)
[kg]	[lbs]	[L]
104.9 ± 2	231.3 ± 4.4	240

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
+37G 36263	8	355 x 255 x 31.6	14 x 10 x 1.2	1.9	4.2	AK000204
+37G 46363	8	455 x 355 x 30	17.9 x 14 x 1.2	3.4	7.5	AK000062
37G 46263	8	455 x 255 x 30	17.9 x 10 x 1.2	2.4	5.3	AK000061

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

PERFORMANCE The ProofPak 240 Premium +37G is qualified in the temperature range from +30 °C to +40 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
ISTA 7D winter	≥ 118	≤ -3564	+4.8

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

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