

ProofTainer Case +18G/+23G

[va-Q-case 1/2 Euro +18G/+23G]

For +15 °C to +25 °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.

ProofTainer Case +18G/+23G

[va-Q-case 1/2 Euro +18G/+23G]

For +15 °C to +25 °C shipments

Envirotainer^o

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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]
800 x 600 x 800	31.5 x 23.6 x 31.5	610 x 356 x 470	24 x 14 x 18.5	± 5	± 0.2

Tare Weight ¹		Volumetric weight		Maximum Payload (Weight)		Payload ¹ (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
118 ± 12	260.1 ± 26.5	64	141.1	100	220.5	96

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
27L +18G	12	470 x 275 x 32	18.5 x 10.8 x 1.3	3.1	6.8	AK000110
27L +23G	6	470 x 275 x 32	18.5 x 10.8 x 1.3	3.1	6.8	AK000111

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

PERFORMANCE The ProofTainer Case +18G/+23G is qualified in the temperature range from +15 °C to +25 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
regular summer	≥ 157	≥ 1633	+30.4
regular winter	> 168	< -3343	+0.1

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 ProofTainer Case +18G/+23G 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.

ProofTainer Case +18G/+23G (Standard)

[va-Q-case +18G/+23G (Standard)]

For +15 °C to +25 °C shipments

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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.

ProofTainer Case +18G/+23G (Standard)

[va-Q-case +18G/+23G (Standard)]

For +15 °C to +25 °C shipments

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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]
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 ¹		Volumetric weight		Maximum Payload (Weight)		Payload ¹ (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
105 ± 11	231.5 ± 24.3	64	141.1	100	220.5	96

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
27L +18G	8	470 x 275 x 32	18.5 x 10.8 x 1.3	3.1	6.8	AK000110
27L +23G	6	470 x 275 x 32	18.5 x 10.8 x 1.3	3.1	6.8	AK000111

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

PERFORMANCE The ProofTainer Case +18G/+23G (Standard) is qualified in the temperature range from +15 °C to +25 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
regular summer	162	1636	+30.1
regular winter	225	-4703	-0.9

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

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For more information please contact support@envirotainer.com.

ProofTainer Case +05G

[va-Q-case 1/2 Euro +05G]

For +2 °C to +8 °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.

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]
800 x 600 x 800	31.5 x 23.6 x 31.5	610 x 356 x 470	24 x 14 x 18.5	± 5	± 0.2

Tare Weight ¹		Volumetric weight		Maximum Payload (Weight)		Payload ¹ (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
116 ± 12	255.7 ± 26.5	64	141.1	100	220.5	96

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
27L +05G	18	470 x 275 x 32	18.5 x 10.8 x 1.3	3	6.6	AK000295

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

PERFORMANCE The ProofTainer Case +05G is qualified in the temperature range from +2 °C to +8 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
regular summer	> 168	> 4267	+30.4
regular winter	≥ 142	≤ -695	+0.1
extreme summer	80	n.a.	+49.9
extreme winter	22	n.a.	-19.3

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 ProofTainer Case +05G 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.

ProofTainer Case +05G (Standard)

[va-Q-case 1/2 Euro +05G (Standard)]

For +2 °C to +8 °C shipments

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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.

ProofTainer Case +05G (Standard)

[va-Q-case 1/2 Euro +05G (Standard)]

For +2 °C to +8 °C shipments

Envirotainer^o

Precision with Purpose

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]
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 ¹		Volumetric weight		Maximum Payload (Weight)		Payload ¹ (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
104 ± 10	229.3 ± 22	64	141.1	100	220.5	96

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
27L +05G	14	470 x 275 x 32	18.5 x 10.8 x 1.3	3	6.6	AK000295

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

PERFORMANCE The ProofTainer Case +05G (Standard) is qualified in the temperature range from +2 °C to +8 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
regular summer	203	5014	+29.7
regular winter	312	≥ -739	-0.6

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

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For more information please contact support@envirotainer.com.

ProofTainer Case -21G

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

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.

ProofTainer Case -21G

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

For -25 °C to -15 °C shipments

Envirotainer^o

Precision with Purpose

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]
800 x 600 x 800	31.5 x 23.6 x 31.5	610 x 356 x 470	24 x 14 x 18.5	± 5	± 0.2

Tare Weight ¹		Volumetric weight		Maximum Payload (Weight)		Payload ¹ (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
140 ± 14	308.6 ± 30.9	64	141.1	100	220.5	96

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
27L -21G	18	470 x 275 x 32	18.5 x 10.8 x 1.3	4.3	9.5	AK000033

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

PERFORMANCE The ProofTainer Case -21G is qualified in the temperature range from -25 °C to -15 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
regular summer	≥ 198	≥ 9840	+29.7
extreme summer	137	n.a.	+49.9

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 ProofTainer Case -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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ProofTainer Case -21G (Standard)

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

For -25 °C to -15 °C shipments

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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.

ProofTainer Case -21G (Standard)

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

For -25 °C to -15 °C shipments

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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]
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 ¹		Volumetric weight		Maximum Payload (Weight)		Payload ¹ (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
122 ± 12	269 ± 26.5	64	141.1	100	220.5	96

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (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

²dimensions 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 ³	Average ambient temperature [°C]
ISTA 7D summer	> 120	> 6012	+30.1

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 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.

ProofTainer Case -26G

[va-Q-case 1/2 Euro -26G]

For -20 °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.

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]
800 x 600 x 800	31.5 x 23.6 x 31.5	610 x 356 x 470	24 x 14 x 18.5	± 5	± 0.2

Tare Weight ¹		Volumetric weight		Maximum Payload (Weight)		Payload ¹ (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
145 ± 15	319.7 ± 33.1	64	141.1	100	220.5	96

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
27L -26G	18	470 x 275 x 32	18.5 x 10.8 x 1.3	4.5	9.9	AK000096

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

PERFORMANCE The ProofTainer Case -26G is qualified in the temperature range below -20 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
controlled summer	> 144	> 6480	+20
extreme summer	120	n.a.	+49.9

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

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For more information please contact support@envirotainer.com.

ProofTainer Case -37G

[va-Q-case 1/2 Euro -37G]

For -40 °C shipments

Envirotainer°

Precision with Purpose



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DESCRIPTION

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ProofTainer Case -37G

[va-Q-case 1/2 Euro -37G]

For -40 °C shipments

Envirotainer^o

Precision with Purpose

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]
800 x 600 x 800	31.5 x 23.6 x 31.5	610 x 356 x 470	24 x 14 x 18.5	± 5	± 0.2

Tare Weight ¹		Volumetric weight		Maximum Payload (Weight)		Payload ¹ (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
153 ± 15	337.3 ± 33.1	64	141.1	100	220.5	96

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
27L -37G	18	470 x 275 x 32	18.5 x 10.8 x 1.3	5.3	11.7	AK000296

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

PERFORMANCE The ProofTainer Case -37G is qualified in the temperature range from -40 °C to -20 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
controlled summer	> 120	≥ 6564	+19.7
extreme summer	> 120	n.a.	+49.8

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

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For more information please contact support@envirotainer.com.

ProofTainer Case Dry Ice

[va-Q-case 1/2 Euro Dry Ice]

For -70 °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.

ProofTainer Case Dry Ice

[va-Q-case 1/2 Euro Dry Ice]

For -70 °C shipments

Envirotainer^o

Precision with Purpose

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]
800 x 600 x 800	31.5 x 23.6 x 31.5	610 x 356 x 470	24 x 14 x 18.5	± 5	± 0.2

Tare Weight ¹		Volumetric weight		Maximum Payload (Weight)		Payload ¹ (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
134 ± 13	295.4 ± 28.7	64	141.1	100	220.5	96

¹Including Temperature Batteries

DRY ICE CONFIGURATION

Coolant	Pieces	Dimensions (l x w x h)		Weight	
		[mm]	[inch]	[kg]	[lbs]
Dry Ice	18	470 x 275 x 35	18.5 x 10.8 x 1.4	4	8.8

PERFORMANCE

 The ProofTainer Case Dry Ice is qualified in the temperature range below -60 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ²	Average ambient temperature [°C]
regular summer	≥ 214	≥ 21293	+29.5

²Detailed 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 ProofTainer Case 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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