

ProofTainer US +18G/+23G

[va-Q-tainer USx +18G/+23G]

For +15 °C to +25 °C shipments

Envirotainer°

Precision with Purpose



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

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]
1423 x 1490 x 1580	56 x 58.7 x 62.2	1200 x 1250 x 1220	47.2 x 49.2 x 48	± 8	± 0.3

Tare Weight ¹		Volumetric weight		Maximum Payload (Weight)		Payload ¹ (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
581 ± 20	1280.9 ± 44.1	558	1230.2	1200	2645.5	1755

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	34	470 x 275 x 32	18.5 x 10.8 x 1.3	3.1	6.8	AK000110
27L +23G	18	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 US +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	≥ 126	≥ 1260	+30
regular winter	> 144	≤ -2866	+0.1
extreme summer	32	n.a.	+49.7
extreme winter	> 60	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 US +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 US +05G

[va-Q-tainer USx +05G]

For +2 °C to +8 °C shipments

Envirotainer°

Precision with Purpose



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

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]
1423 x 1490 x 1580	56 x 58.7 x 62.2	1200 x 1250 x 1220	47.2 x 49.2 x 48	± 8	± 0.3

Tare Weight ¹		Volumetric weight		Maximum Payload (Weight)		Payload ¹ (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
575 ± 20	1267.7 ± 44.1	558	1230.2	1200	2645.5	1755

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	52	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 US +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	≥ 130	≥ 3250	+30
regular winter	> 144	≥ -706	+0.1
extreme summer	64	n.a.	+49.9
extreme winter	23	n.a.	-18.4

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 US +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 US -21G

[va-Q-tainer USx -21G]

For -25 °C to -15 °C shipments

Envirotainer^o

Precision with Purpose



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

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]
1423 x 1490 x 1580	56 x 58.7 x 62.2	1200 x 1250 x 1220	47.2 x 49.2 x 48	± 8	± 0.3

Tare Weight ¹		Volumetric weight		Maximum Payload (Weight)		Payload ¹ (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
644 ± 20	1419.8 ± 44.1	558	1230.2	1200	2645.5	1755

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	52	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 US -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	≥ 113	≥ 5683	+30.3
extreme summer	83	n.a.	+50.1

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 US -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.

For more information please contact support@envirotainer.com.

ProofTainer US -26G

[va-Q-tainer USx -26G]

For -20 °C shipments

Envirotainer^o

Precision with Purpose



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

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]
1423 x 1490 x 1580	56 x 58.7 x 62.2	1200 x 1250 x 1220	47.2 x 49.2 x 48	± 8	± 0.3

Tare Weight ¹		Volumetric weight		Maximum Payload (Weight)		Payload ¹ (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
659 ± 20	1452.8 ± 44.1	558	1230.2	1200	2645.5	1755

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	52	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 US -26G is qualified in the temperature range below -20 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
controlled summer	≥ 119	≥ 5355	+20
regular summer	86	n.a.	+30.1
extreme summer	60	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 US -26G 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 US -37G

[va-Q-tainer USx -37G]

For -40 °C shipments

Envirotainer^o

Precision with Purpose



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

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]
1423 x 1490 x 1580	56 x 58.7 x 62.2	1200 x 1250 x 1220	47.2 x 49.2 x 48	± 8	± 0.3

Tare Weight ¹		Volumetric weight		Maximum Payload (Weight)		Payload ¹ (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
684 ± 20	1508 ± 44.1	558	1230.2	1200	2645.5	1755

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	52	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 US -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	≥ 99	≥ 4950	+20
extreme summer	63	n.a.	+49.2

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 ProofTainer US -37G 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 US Dry Ice

[va-Q-tainer USx Dry Ice]

For -70 °C shipments

Envirotainer°

Precision with Purpose



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

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]
1423 x 1490 x 1580	56 x 58.7 x 62.2	1200 x 1250 x 1220	47.2 x 49.2 x 48	± 8	± 0.3

Tare Weight ¹		Volumetric weight		Maximum Payload (Weight)		Payload ¹ (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
628 ± 20	1384.5 ± 44.1	558	1230.2	1200	2645.5	1755

¹Including Temperature Batteries

DRY ICE CONFIGURATION

Coolant	Pieces	Dimensions (l x w x h)		Weight	
		[mm]	[inch]	[kg]	[lbs]
Dry Ice	52	470 x 275 x 35	18.5 x 10.8 x 1.4	4	8.8

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

Temperature scenario	Duration [hrs]	Kelvin-hours ²	Average ambient temperature [°C]
regular summer	≥ 127	≥ 12687	+29.9

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 US 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.

For more information please contact support@envirotainer.com.

ProofTainer US Dry Ice (200kg)

[va-Q-tainer USx Dry Ice (200kg)]

For -70 °C shipments

Envirotainer[°]

Precision with Purpose



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

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 US Dry Ice (200kg)

[va-Q-tainer USx Dry Ice (200kg)]

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]
1423 x 1490 x 1580	56 x 58.7 x 62.2	1200 x 1250 x 1220	47.2 x 49.2 x 48	± 8	± 0.3

Tare Weight ¹		Volumetric weight		Maximum Payload (Weight)		Payload ¹ (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
620 ± 20	1366.9 ± 44.1	558	1230.2	1200	2645.5	1755

¹Including Temperature Batteries

DRY ICE CONFIGURATION

Coolant	Pieces	Dimensions (l x w x h)		Weight	
		[mm]	[inch]	[kg]	[lbs]
Dry Ice	50	470 x 275 x 35	18.5 x 10.8 x 1.4	4	8.8

PERFORMANCE The ProofTainer US Dry Ice (200kg) is qualified in the temperature range below -60 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ²	Average ambient temperature [°C]
regular summer	≥ 132	≥ 13213	+30.1

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 US Dry Ice (200kg) 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.