

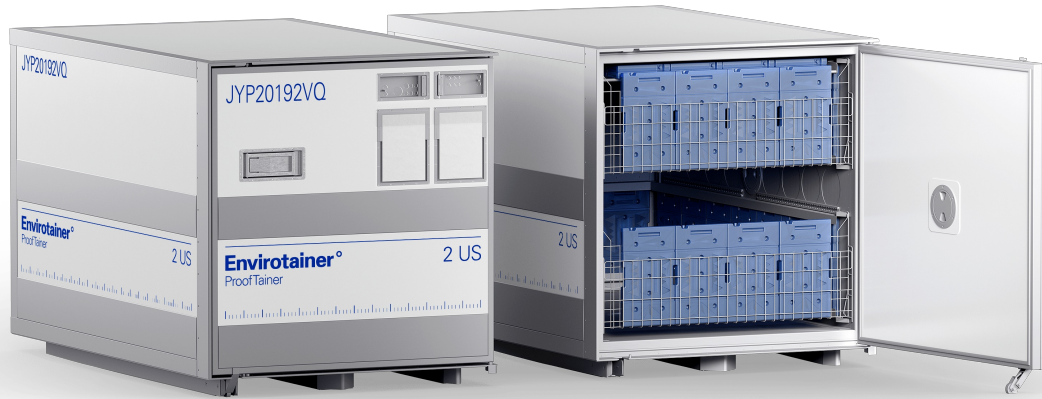
# ProofTainer 2 US +18G/+23G

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

For +15 °C to +25 °C shipments

# EnviroTainer<sup>o</sup>

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 <sup>1</sup> (l x w x h)		Tolerances	
[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
2380 x 1490 x 1580	93.7 x 58.7 x 62.2	2110 x 1250 x 1220	83.1 x 49.2 x 48	± 8	± 0.3

Tare Weight <sup>1</sup>		Volumetric weight		Maximum Payload (Weight)		Payload <sup>1</sup> (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
815 ± 20	1796.8 ± 44.1	934	2059.1	1200	2645.5	3200

<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]	
27L +18G	52	470 x 275 x 32	18.5 x 10.8 x 1.3	3.1	6.8	AK000110
27L +23G	24	470 x 275 x 32	18.5 x 10.8 x 1.3	3.1	6.8	AK000111

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

## PERFORMANCE The ProofTainer 2 US +18G/+23G 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]
regular summer	≥ 125	> 1238	+29.5
regular winter	≥ 131	≤ -2656	-0.3
extreme summer	27	n.a.	+49.4
extreme winter	52	n.a.	-19.3

<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 ProofTainer 2 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](mailto:support@envirotainer.com).

# ProofTainer 2 US +05G

[va-Q-tainer TWINx +05G]

For +2 °C to +8 °C shipments

# Envirotainer<sup>o</sup>

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 <sup>1</sup> (l x w x h)		Tolerances	
[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
2380 x 1490 x 1580	93.7 x 58.7 x 62.2	2110 x 1250 x 1220	83.1 x 49.2 x 48	± 8	± 0.3

Tare Weight <sup>1</sup>		Volumetric weight		Maximum Payload (Weight)		Payload <sup>1</sup> (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
808 ± 20	1781.3 ± 44.1	934	2059.1	1200	2645.5	3200

<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]	
27L +05G	76	470 x 275 x 32	18.5 x 10.8 x 1.3	3	6.6	AK000295

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

## PERFORMANCE The ProofTainer 2 US +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]
regular summer	≥ 124	≥ 3087	+29.9
regular winter	> 144	< -702	+0.1
extreme summer	47	n.a.	+49.5
extreme winter	20	n.a.	-20.2

<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 ProofTainer 2 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](mailto:support@envirotainer.com).

# ProofTainer 2 US -21G

[va-Q-tainer TWINx -21G]

For -25 °C to -15 °C shipments

# Envirotainer<sup>o</sup>

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 <sup>1</sup> (l x w x h)		Tolerances	
[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
2380 x 1490 x 1580	93.7 x 58.7 x 62.2	2110 x 1250 x 1220	83.1 x 49.2 x 48	± 8	± 0.3

Tare Weight <sup>1</sup>		Volumetric weight		Maximum Payload (Weight)		Payload <sup>1</sup> (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
910 ± 20	2006.2 ± 44.1	934	2059.1	1200	2645.5	3200

<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]	
27L -21G	76	470 x 275 x 32	18.5 x 10.8 x 1.3	4.3	9.5	AK000033

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

## PERFORMANCE The ProofTainer 2 US -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]
regular summer	≥ 136	≥ 6773	+29.8
extreme summer	83	n.a.	+49.3

<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 ProofTainer 2 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.

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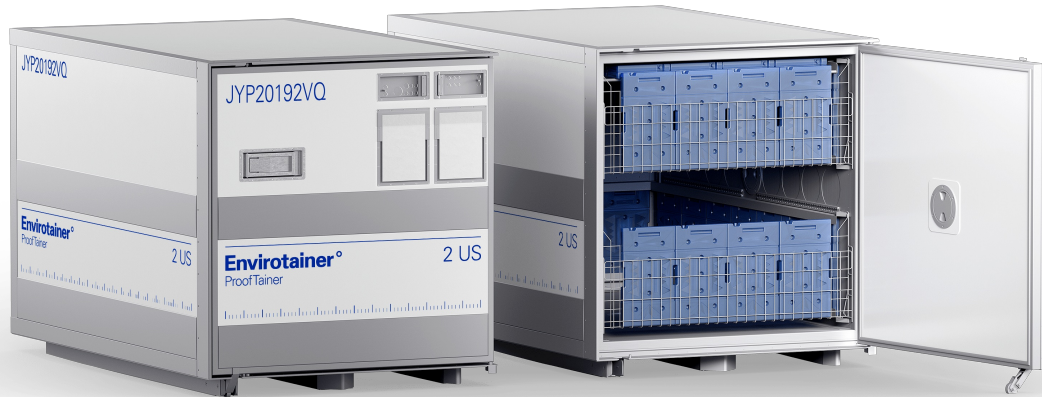
# ProofTainer 2 US -26G

[va-Q-tainer TWINx -26G]

For -20 °C shipments

# Envirotainer<sup>o</sup>

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 <sup>1</sup> (l x w x h)		Tolerances	
[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
2380 x 1490 x 1580	93.7 x 58.7 x 62.2	2110 x 1250 x 1220	83.1 x 49.2 x 48	± 8	± 0.3

Tare Weight <sup>1</sup>		Volumetric weight		Maximum Payload (Weight)		Payload <sup>1</sup> (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
930 ± 20	2050.3 ± 44.1	934	2059.1	1200	2645.5	3200

<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]	
27L -26G	76	470 x 275 x 32	18.5 x 10.8 x 1.3	4.5	9.9	AK000096

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

## PERFORMANCE The ProofTainer 2 US -26G is qualified in the temperature range below -20 °C

Temperature scenario	Duration [hrs]	Kelvin-hours <sup>3</sup>	Average ambient temperature [°C]
controlled summer	≥ 134	≥ 5976	+19.6
regular summer	91	n.a.	+30.4
extreme summer	65	n.a.	+50

<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 ProofTainer 2 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.

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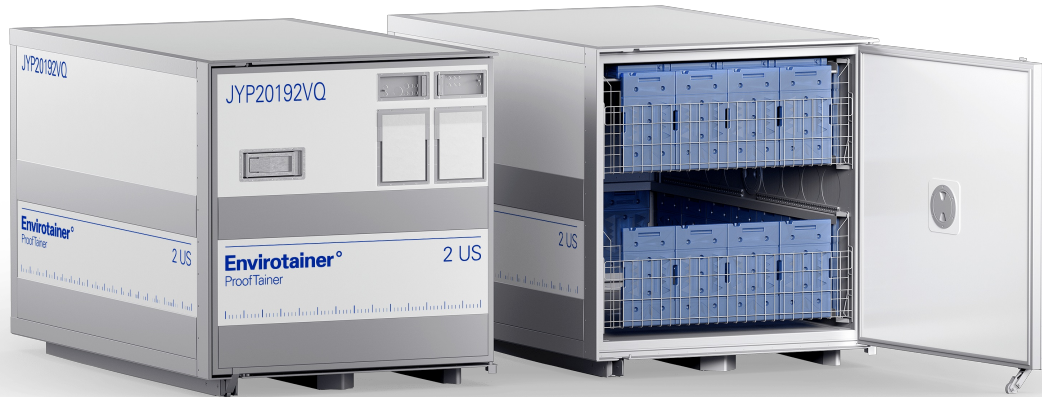
# ProofTainer 2 US -37G

[va-Q-tainer TWINx -37G]

For -40 °C shipments

# Envirotainer<sup>o</sup>

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 <sup>1</sup> (l x w x h)		Tolerances	
[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
2380 x 1490 x 1580	93.7 x 58.7 x 62.2	2110 x 1250 x 1220	83.1 x 49.2 x 48	± 8	± 0.3

Tare Weight <sup>1</sup>		Volumetric weight		Maximum Payload (Weight)		Payload <sup>1</sup> (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
966 ± 20	2129.7 ± 44.1	934	2059.1	1200	2645.5	3200

<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]	
27L -37G	76	470 x 275 x 32	18.5 x 10.8 x 1.3	5.3	11.7	AK000296

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

## PERFORMANCE The ProofTainer 2 US -37G is qualified in the temperature range from -40 °C to -20 °C

Temperature scenario	Duration [hrs]	Kelvin-hours <sup>3</sup>	Average ambient temperature [°C]
controlled summer	≥ 103	≥ 5150	+20
extreme summer	63	n.a.	+49.4

<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 ProofTainer 2 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](mailto:support@envirotainer.com).

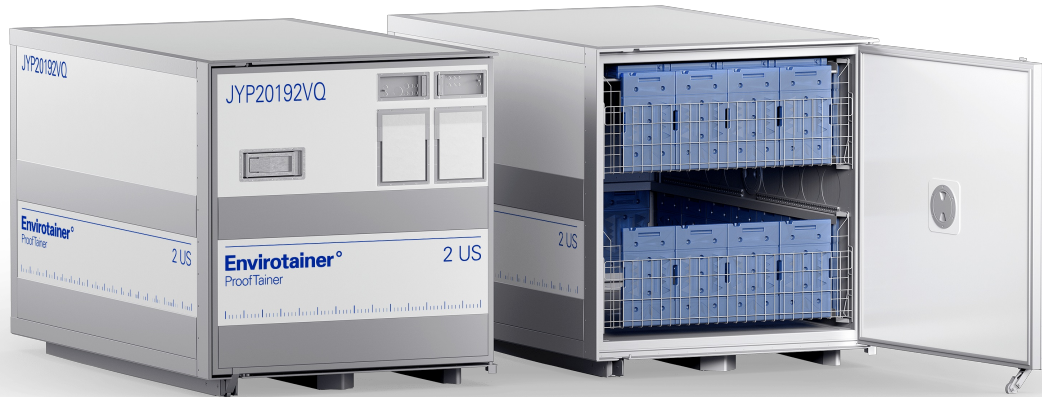
# ProofTainer 2 US Dry Ice

[va-Q-tainer TWINx Dry Ice]

For -70 °C shipments

# Envirotainer<sup>o</sup>

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 <sup>1</sup> (l x w x h)		Tolerances	
[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
2380 x 1490 x 1580	93.7 x 58.7 x 62.2	2110 x 1250 x 1220	83.1 x 49.2 x 48	± 8	± 0.3

Tare Weight <sup>1</sup>		Volumetric weight		Maximum Payload (Weight)		Payload <sup>1</sup> (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
884 ± 20	1948.9 ± 44.1	934	2059.1	1200	2645.5	3200

<sup>1</sup>Including Temperature Batteries

## DRY ICE CONFIGURATION

Coolant	Pieces	Dimensions (l x w x h)		Weight	
		[mm]	[inch]	[kg]	[lbs]
Dry Ice	76	470 x 275 x 35	18.5 x 10.8 x 1.4	4	8.8

## PERFORMANCE The ProofTainer 2 US Dry Ice is qualified in the temperature range below -60 °C

Temperature scenario	Duration [hrs]	Kelvin-hours <sup>2</sup>	Average ambient temperature [°C]
regular summer	> 144	> 14371	+29.8

<sup>2</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 ProofTainer 2 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](mailto:support@envirotainer.com).

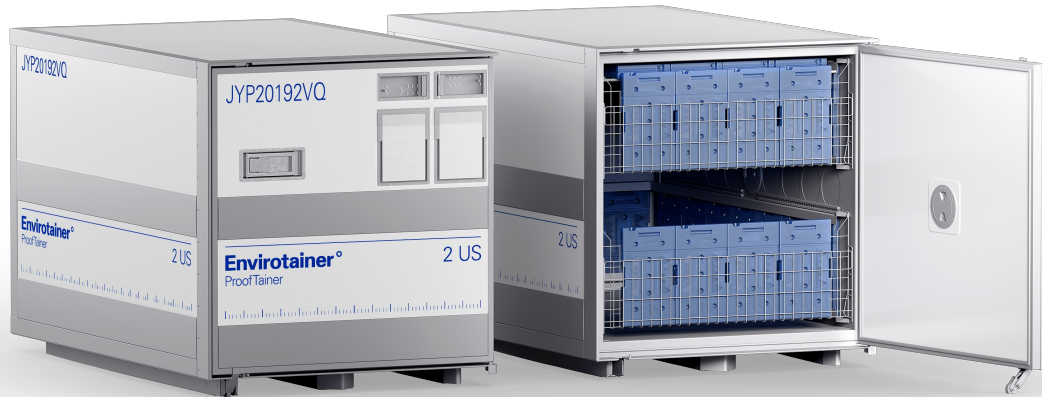
# ProofTainer 2 US Dry Ice (200kg)

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

For -70 °C shipments

# Envirotainer<sup>o</sup>

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 2 US Dry Ice (200kg)

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

For -70 °C shipments

# Envirotainer<sup>o</sup>

Precision with Purpose

## 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]
2380 x 1490 x 1580	93.7 x 58.7 x 62.2	2110 x 1250 x 1220	83.1 x 49.2 x 48	± 8	± 0.3

Tare Weight <sup>1</sup>		Volumetric weight		Maximum Payload (Weight)		Payload <sup>1</sup> (Volume)
[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[L]
780 ± 20	1719.6 ± 44.1	934	2059.1	1200	2645.5	3200

<sup>1</sup>Including 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 2 US Dry Ice (200kg) is qualified in the temperature range below -60 °C

Temperature scenario	Duration [hrs]	Kelvin-hours <sup>2</sup>	Average ambient temperature [°C]
regular summer	≥ 72	≥ 7200	+30

<sup>2</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 ProofTainer 2 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](mailto:support@envirotainer.com).