



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 <sup>1</sup> (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 | 870 x 670 x 453                              | 34.3 x 26.4 x 17.8 | ± 7        | ± 0.3  |

  

| Tare Weight <sup>1</sup> |             | Payload <sup>1</sup> (Volume) |
|--------------------------|-------------|-------------------------------|
| [kg]                     | [lbs]       | [L]                           |
| 87.9 ± 2                 | 193.8 ± 4.4 | 264                           |

<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] |                 |
| 36262 +22G | 8      | 355 x 255 x 20                      | 14 x 10 x 0.8   | 1.3    | 2.9   | AK000147        |
| 46262 +22G | 8      | 455 x 255 x 20                      | 17.9 x 10 x 0.8 | 1.7    | 3.7   | AK000161        |
| 46362 +22G | 8      | 455 x 355 x 20                      | 17.9 x 14 x 0.8 | 2.5    | 5.5   | AK000158        |

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

## PERFORMANCE The ProofPak 240 Standard +22G 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] |
|----------------------|----------------|---------------------------|----------------------------------|
| ISTA 7D summer       | ≥ 135          | ≥ 1286                    | +29.6                            |
| ISTA 7D winter       | ≥ 102          | ≤ -1535                   | +4.9                             |

<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 ProofPak 240 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](mailto:support@envirotainer.com).



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

## DESCRIPTION

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For +2 °C to +8 °C shipments

## 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] |
| 1120 x 900 x 760                | 44.1 x 35.4 x 29.9 | 870 x 670 x 453                              | 34.3 x 26.4 x 17.8 | ± 7        | ± 0.3  |

  

| Tare Weight <sup>1</sup> |             | Payload <sup>1</sup> (Volume) |
|--------------------------|-------------|-------------------------------|
| [kg]                     | [lbs]       | [L]                           |
| 87.3 ± 2                 | 192.5 ± 4.4 | 264                           |

<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] |                 |
| 36262 +05G | 8      | 355 x 255 x 20                      | 14 x 10 x 0.8   | 1.3    | 2.9   | AK000146        |
| 46262 +05G | 8      | 455 x 255 x 20                      | 17.9 x 10 x 0.8 | 1.7    | 3.7   | AK000162        |
| 46362 +05G | 8      | 455 x 355 x 20                      | 17.9 x 14 x 0.8 | 2.4    | 5.3   | AK000157        |

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

## PERFORMANCE The ProofPak 240 Standard +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] |
|----------------------|----------------|---------------------------|----------------------------------|
| ISTA 7D summer       | ≥ 130          | ≥ 3237                    | +29.9                            |
| ISTA 7D winter       | > 144          | n.a.                      | +5.2                             |

<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 ProofPak 240 Standard +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.

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For -25 °C to -15 °C shipments

## 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] |
| 1120 x 900 x 760                | 44.1 x 35.4 x 29.9 | 870 x 670 x 453                              | 34.3 x 26.4 x 17.8 | ± 7        | ± 0.3  |

  

| Tare Weight <sup>1</sup> |           | Payload <sup>1</sup> (Volume) |
|--------------------------|-----------|-------------------------------|
| [kg]                     | [lbs]     | [L]                           |
| 104.8 ± 2                | 231 ± 4.4 | 264                           |

<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] |                 |
| 36262 -21G | 8      | 355 x 255 x 20                      | 14 x 10 x 0.8   | 1.8    | 4     | AK000149        |
| 46262 -21G | 8      | 455 x 255 x 20                      | 17.9 x 10 x 0.8 | 2.4    | 5.3   | AK000179        |
| 46362 -21G | 8      | 455 x 355 x 20                      | 17.9 x 14 x 0.8 | 3.4    | 7.5   | AK000182        |

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

## PERFORMANCE

The ProofPak 240 Standard -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] |
|----------------------|----------------|---------------------------|----------------------------------|
| ISTA 7D summer       | ≥ 102          | ≥ 5090                    | +29.9                            |

<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 ProofPak 240 Standard -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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For -20 °C shipments

## 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] |
| 1120 x 900 x 760                | 44.1 x 35.4 x 29.9 | 870 x 670 x 453                              | 34.3 x 26.4 x 17.8 | ± 7        | ± 0.3  |

  

| Tare Weight <sup>1</sup> |             | Payload <sup>1</sup> (Volume) |
|--------------------------|-------------|-------------------------------|
| [kg]                     | [lbs]       | [L]                           |
| 103.6 ± 2                | 228.4 ± 4.4 | 264                           |

<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] |                 |
| 36262 -26G | 8      | 355 x 255 x 20                      | 14 x 10 x 0.8   | 1.8    | 4     | AK000398        |
| 46262 -26G | 8      | 455 x 255 x 19.5                    | 17.9 x 10 x 0.8 | 2.3    | 5.1   | AK000400        |
| 46362 -26G | 8      | 455 x 355 x 20                      | 17.9 x 14 x 0.8 | 3.4    | 7.5   | AK000401        |

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

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

| Temperature scenario | Duration [hrs] | Kelvin-hours <sup>3</sup> | Average ambient temperature [°C] |
|----------------------|----------------|---------------------------|----------------------------------|
| ISTA 7D summer       | ≥ 104          | ≥ 5720                    | +30                              |

<sup>3</sup>Detailed information about the concept of Kelvin-hours on [www.kelvinhours.com](http://www.kelvinhours.com)

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