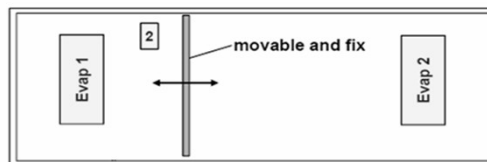


Configuration 2:

ATP registration numbers of vehicle

| | |
|--|-------------------|
| ATP type approval no. of refr. unit | 3426MT rev1 |
| ATP type approval no. of insulated box | 222090 |
| ATP type approval no. of body | GL-22 2090 |
| Vehicle ATP certificate no. | 458 |
| Vehicle identification no.(VIN) | WSM000007SV048603 |
| Insulated box serial number | 61390001 |



| Data of overall body | Internal dimensions | | | Floor material | K value of outer body |
|----------------------|---------------------|--------|--------|----------------|-----------------------|
| | L | W | H | | |
| | 13,41 m | 2,46 m | 2,70 m | Alu | 0,38 W/(m².°C) |

A. Input data

A1. Data of insulated body

| Data of internal bulkheads | Movable or fixed | Thickness | K value [W/m².°C] |
|----------------------------|------------------|-----------|-------------------|
| Transversal bulkhead (1→2) | movable | 53 mm | 3,2 |

| Dimensions / Use of Compartments | Internal length | | Fixed temperature in each comp.? | Compartment temperature | Dry freight use? | Lowest class temp. permitted in each comp.? | Lowest permitted temp. per comp. |
|----------------------------------|-----------------|----------------|----------------------------------|-------------------------|------------------|---|----------------------------------|
| | Minimal length | Maximal length | | | | | |
| Compartment 1 | 7,66 m | 12,56 m | No | -20 °C | Yes | Yes | -20 °C |
| Compartment 2 | 0,80 m | 9,75 m | | 20 °C | Yes | | 0 °C |

A2. Data of multitemp refrigeration unit

| | |
|-------------------------------|--------|
| Cooling capacities at: | -20 °C |
| Nominal refr. cap. host unit | 9226 |
| Individual refr. cap. evap. 1 | 9268 |
| Individual refr. cap. evap. 2 | 6695 |

Additional constraints on combinations of temperatures when 'Fixed temperature in each comp.' = No:

- Two compartments are never used at the same temperature.

B. Result of calculation (incl. dimensioning factor 1,75)

B1. Sufficient refrigerating capacity?

| | |
|---------------------------------------|---------|
| Nominal refrigerating capacity: | Ok |
| Minimally required nominal refr. cap. | 6 022 W |
| Effective refrigerating capacity | Ok |

Minimal bulkhead thicknesses do not meet ATP requirements

B2. Maximum refrigerating demand in each compartment

| Individual refrigerating demand in each compartment | Maximum refrigerating demand in compartment 1 | | | | | | Maximum refrigerating demand in compartment 2 | | | | | |
|---|---|--------------|--------------------------|----------------------------------|-----------------|----------------|---|--------------|--------------------------|----------------------------------|-----------------|----------------|
| | Refr./heat. demand | Temperatures | Required rel. run. times | Available effect. refr. capacity | Internal length | Internal width | Refr./heat. demand | Temperatures | Required rel. run. times | Available effect. refr. capacity | Internal length | Internal width |
| Compartment 1 | 6 022 W | -20 °C | 65% | 9 268 W | 12,56 m | 2,46 m | -920 W | 20 °C | 0% | 0 W | 7,66 m | 2,46 m |
| Compartment 2 | -1 390 W | 20 °C | 0% | 0 W | 0,80 m | 2,46 m | 3 667 W | -20 °C | 55% | 6 695 W | 5,70 m | 2,46 m |
| Collective: | 6 022 W | | 65% | 9 268 W | | | 3 667 W | | 55% | 6 695 W | | |

B3. Maximum collective refrigerating demand of all compartments

| Maximum collective refrigerating demand | Refr./heat. demand | Temperatures | Required rel. run. times | Available effect. refr. capacity | Internal length | Internal width |
|---|--------------------|--------------|--------------------------|----------------------------------|-----------------|----------------|
| Compartment 1 | 6 022 W | -20 °C | 65% | 9 268 W | 12,56 m | 2,46 m |
| Compartment 2 | -1 390 W | 20 °C | 0% | 0 W | 0,80 m | 2,46 m |
| Collective: | 6 022 W | | 65% | 9 268 W | | |

B4. Maximum collective relative running time of all compartments

| Maximum collective refrigerating demand | Refr./heat. demand | Temperatures | Required rel. run. times | Available effect. refr. capacity | Internal length | Internal width |
|---|--------------------|--------------|--------------------------|----------------------------------|-----------------|----------------|
| Compartment 1 | 6 022 W | -20 °C | 65% | 9 268 W | 12,56 m | 2,46 m |
| Compartment 2 | -1 390 W | 20 °C | 0% | 0 W | 0,80 m | 2,46 m |
| Collective: | 6 022 W | | 65% | 9 268 W | | |

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Le / on : 2025/11/25

L'autorité compétente / The competent authority
Cemafruid SAS
Responsable ATP / Responsible for the ATP

Le Président de CEMAFRUID SAS

TECNEA SAS représentée par son Président Gérald CAVALIER