

Loading SOP va-Q-proof 240P

For va-Q-proof 240P standard & premium

Note:

This SOP is valid for **va-Q-proof 240P** in **standard and premium configuration**.

Prior to loading, the va-Q-accus must be preconditioned as per the respective SOP instructions for the desired temperature range. The desired temperature range depends on the PCM (phase change material) utilized and is indicated by the color code of the va-Q-accu. Table 1 summarizes the different PCMs of the va-Q-accus, their corresponding color codes and application temperatures.

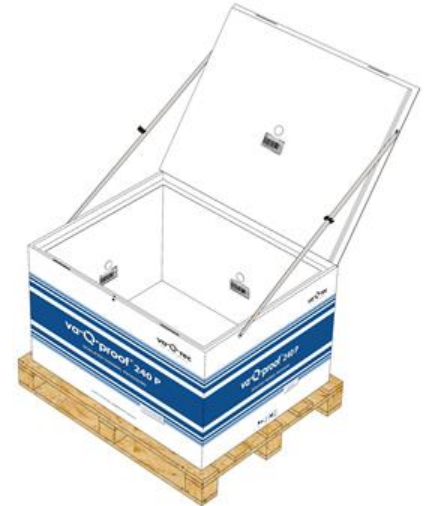
A va-Q-proof 240P uses a total of 24 va-Q-accus. The required size of the va-Q-accus depends on whether the va-Q-proof 240P is used in premium or standard configuration. Table 2 at the end of the document provides the relevant va-Q-accu sizes for each configuration.

Throughout this SOP, the va-Q-accus required for each loading step will be referred to as va-Q-accu A (Bottom and Top position), va-Q-accu B (Back and Front position), and va-Q-accu C (Left and Right position). Please use the va-Q-accu A, va-Q-accu B, and va-Q-accu C specified in Table 2 for the corresponding va-Q-proof configuration when following the loading SOP.



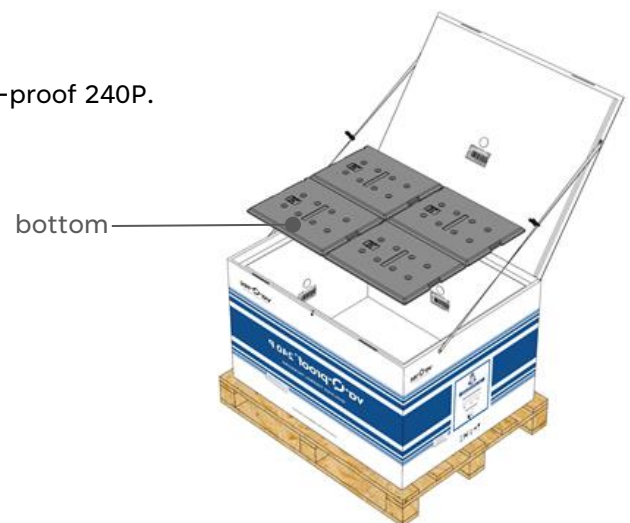
Step I

Open the lid of the va-Q-proof 240P.



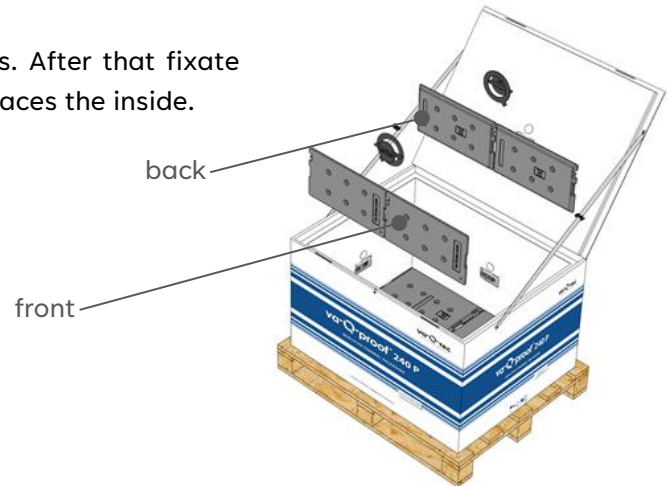
Step II

Place 4 pieces of **va-Q-accu A** on the bottom of the va-Q-proof 240P.



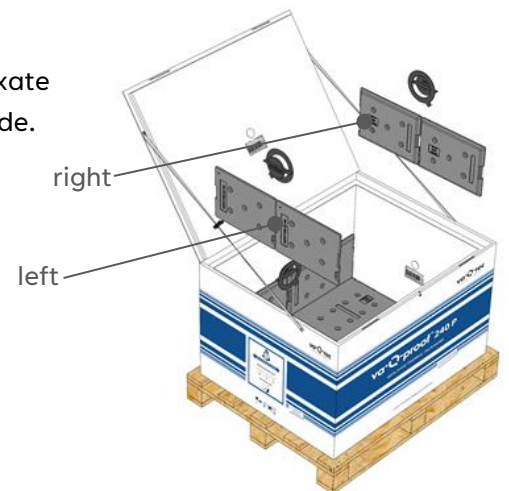
Step III

Load 2 pieces of **va-Q-accu B** each at the long sides. After that fixate them with one accu holder each. Ensure that the ring faces the inside.



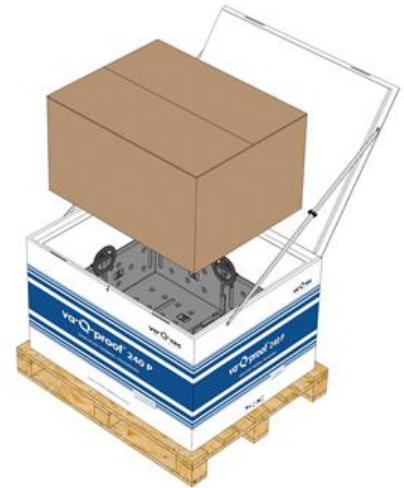
Step IV

Load 2 pieces of **va-Q-accu C** each at the short sides. After that fixate them with one accu holder each. Ensure that the ring faces the inside.



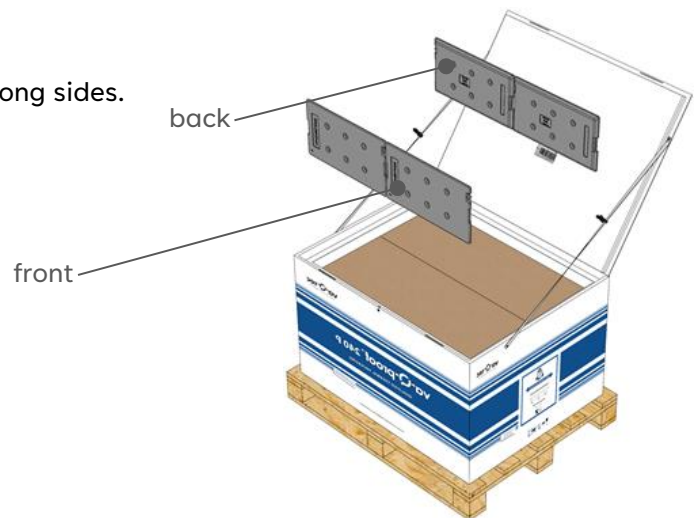
Step V

Put the inner cardboard into the va-Q-proof 240P.



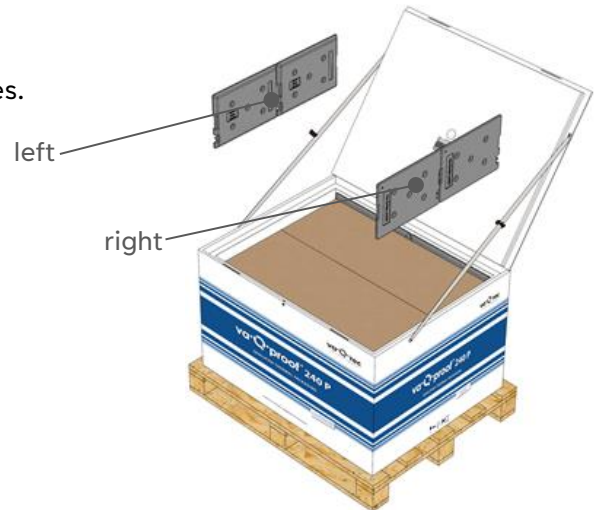
Step VI

Load another 2 pieces of **va-Q-accus B** each at the long sides.



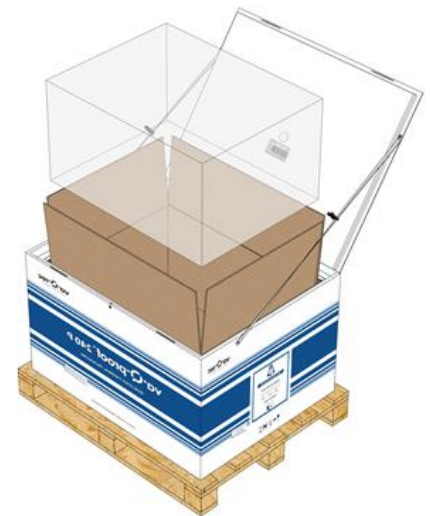
Step VII

Load another 2 pieces of **va-Q-accu C** each at the short sides.



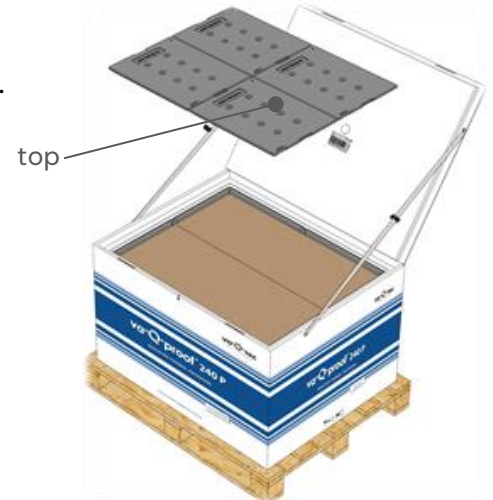
Step VIII

Load the products into the inner cardboard.



Step IX

Close the inner cardboard and place 4 pieces of **va-Q-accu A** on top.



Step X

Close the lid of the va-Q-proof 240P. Make sure the belt strap is outside of the va-Q-proof 240P. Confirm it is not stuck between lid and the rest of the container and lock the belt strap above the lid of the va-Q-proof 240P.



Step XI

Thread a seal through the loops to secure the va-Q-proof 240P.



Step XII

Put the outer cardboard ring over the va-Q-proof 240P.



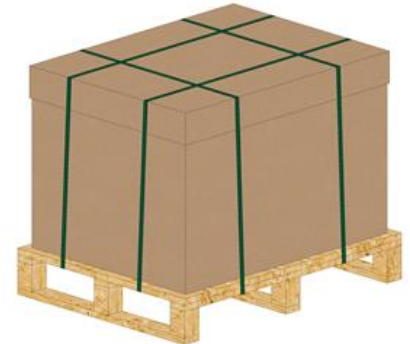
Step XIII

Close the lid of the outer cardboard.



Step XIV

Strap the va-Q-proof 240P as shown in the picture. To ensure the transport security it is recommended to strap it four times.



Note

Do not burden the belt strap – otherwise it could be damaged.

It is not installed to lift it up, but to provide additional stability by opening the lid and simplify the handling.



Table 1: Color codes for different PCM configurations



















PCM	Application	Color Code	
		PCM	Cap
			
+37G	For +37°C shipments		
+22G	For +20°C shipments		
+05G	For +5°C shipments		
-21G	For -20°C shipments		
-26G	For -20°C shipments		
-37G	For -40°C shipments		
-50G	For -50°C shipments		
-67G	For -70°C shipments		

Table 2: Corresponding va-Q-accu sizes for va-Q-proof size and configuration

va-Q-proof size	Configuration	va-Q-accu A	va-Q-accu B	va-Q-accu C
		Top / Bottom	Back / Front	Left / Right
240P	standard	46362	46262	36262
	premium	46363	46263	36263