
Loading SOP va-Q-one 4-74

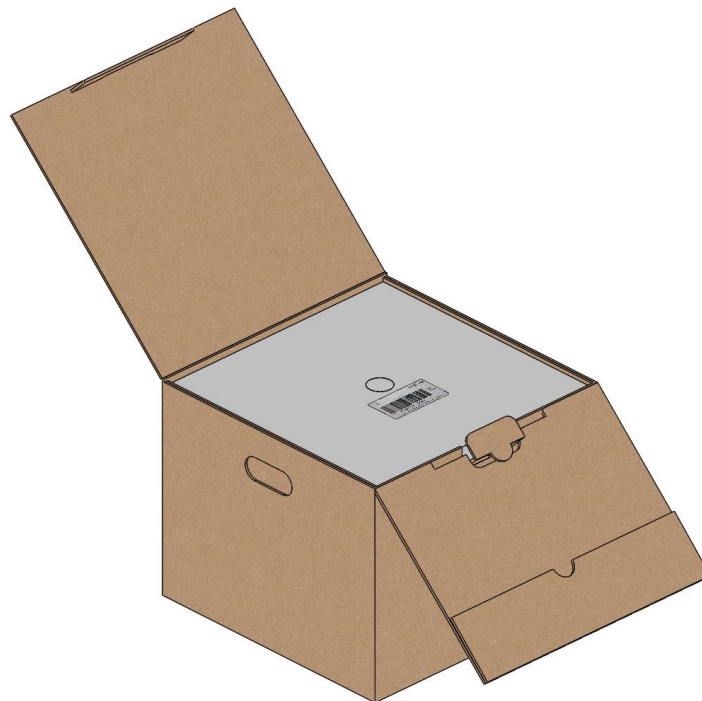
Note:

This SOP is valid for **va-Q-one 4, 8, 23, 43 and 74**. The va-Q-one 23 is shown in the pictures as an example.

Prior to loading, the va-Q-pads (va-Q-one 4, 8, 23 and 43) or va-Q-accus (va-Q-one 74) 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-pad or va-Q-accu. Table 1 summarizes the different PCMs of the va-Q-pads and va-Q-accus, their corresponding color codes and application temperatures. For reasons of simplification, only va-Q-pads are referred to in the following, the procedure with va-Q-accus for the va-Q-one 74 is identical.

A va-Q-one box uses a total of six va-Q-pads. The size of the va-Q-pads used depends on the va-Q-one size. Table 2 at the end of the document provides the relevant va-Q-pad sizes for each va-Q-one size.

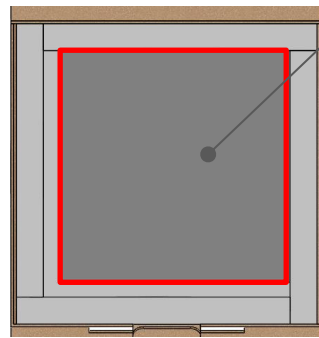
Throughout this SOP, the va-Q-pads required for each loading step will be referred to as va-Q-pad A (Bottom and Top position), va-Q-pad B (Back and Front position), and va-Q-accu C (Left and Right position). Please use the va-Q-accu A, va-Q-accu B, and va-Q-accu C specified in Table 2 for the corresponding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



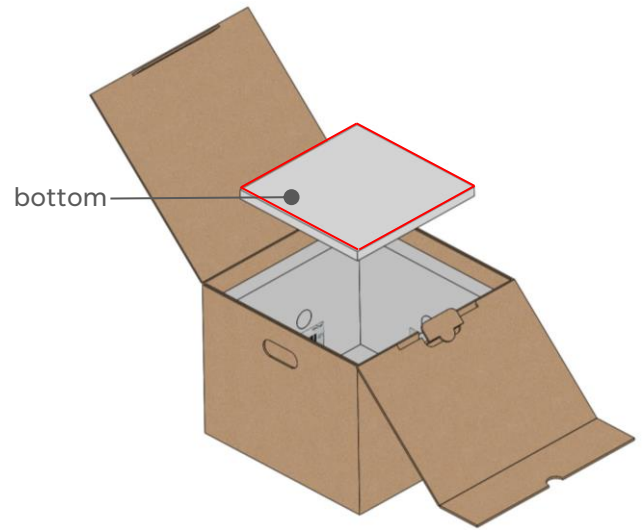
Step I

Open the lid of the va-Q-one and place top panel aside.

Place 1 piece of **va-Q-pad A** at the bottom corner of the va-Q-one.

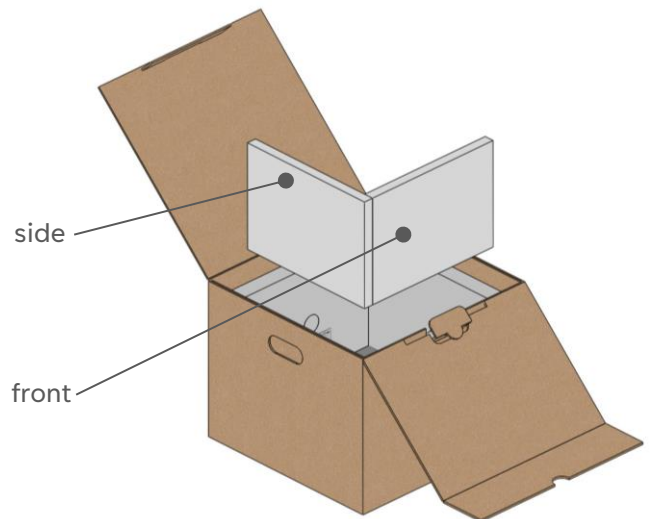


top view



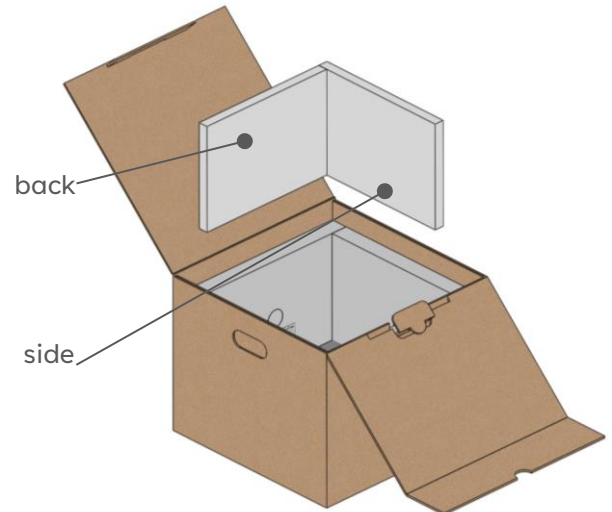
Step II

Load 1 piece of **va-Q-pad B** and 1 piece of **va-Q-pad C** in the corner besides va-Q-pad A from Step I.



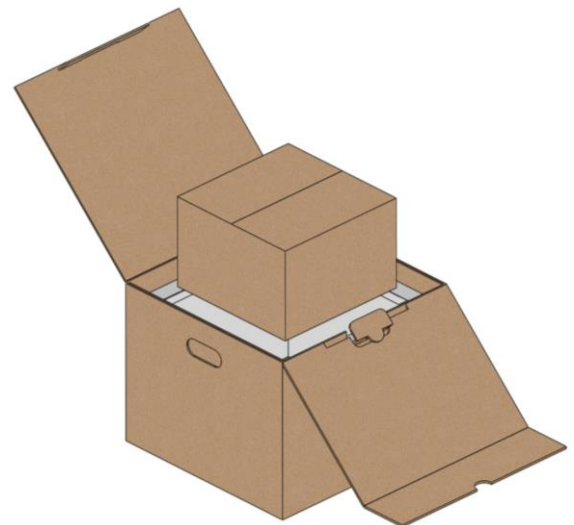
Step III

Load 1 piece of **va-Q-pad B** and 1 piece of **va-Q-pad C** in the corner on top of va-Q-pad A from Step I.



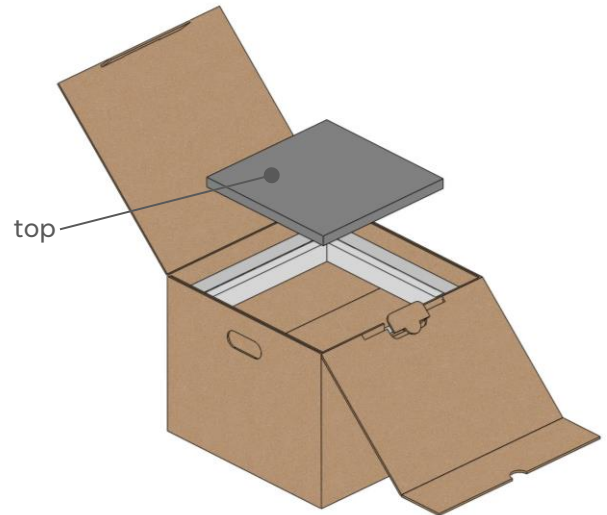
Step IV

Load the product into the va-Q-one.



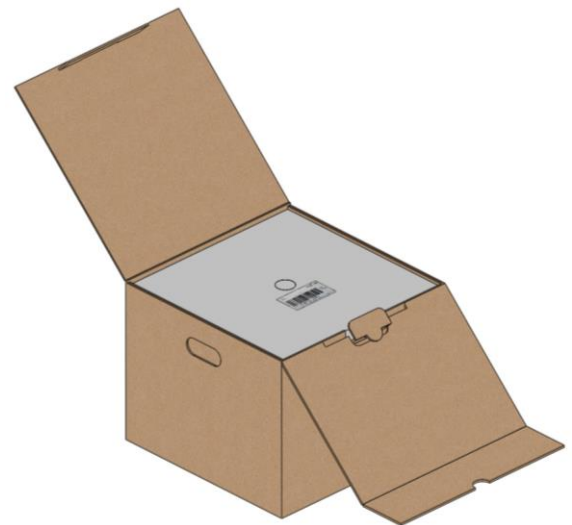
Step V

Place 1 piece of **va-Q-pad A** on top of the product.



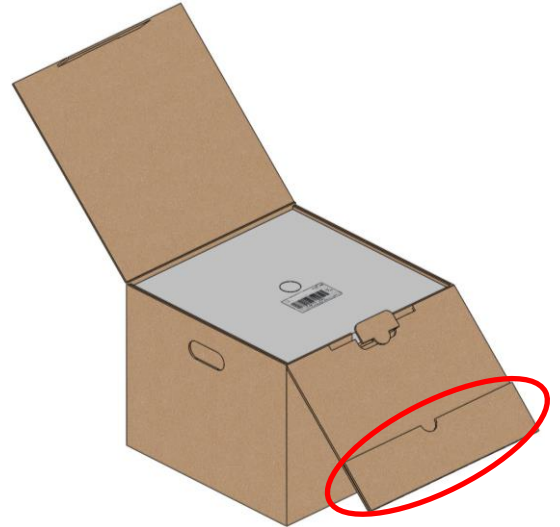
Step VI

Place top panel on top. Ensure a proper fit.



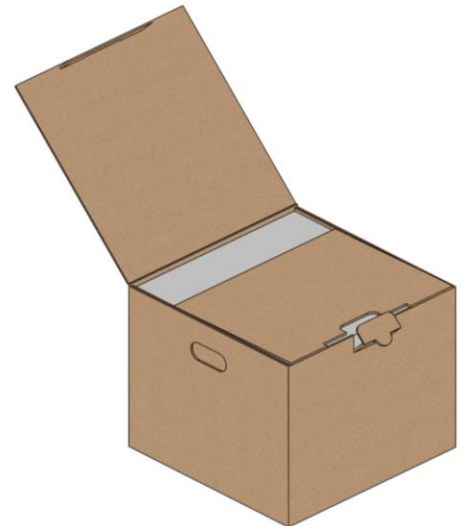
Step VII

Fold over marked part of the front flap.



Step VIII

Fold over front flap.



Step VIII

Close lid, insert tuck in flap at front side and seal va-Q-one with tape.

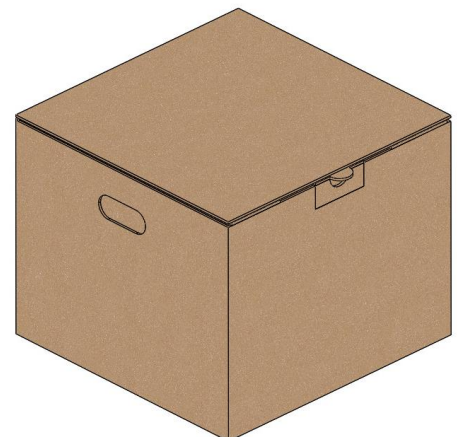


Table 1: Color code for different PCM configurations









PCM	Application	Color Code	
		PCM	Cap
			
+22G	For +20°C shipments		
+05G	For +5°C shipments		
-21G	For -20°C shipments		

Table 2: Corresponding va-Q-pad and va-Q-accu sizes for va-Q-one size

va-Q-one size	va-Q-pad / accu A	va-Q-pad / accu B	va-Q-pad / accu C
	Top / Bottom	Back / Front	Left / Right
4	20204	20204	20204
8	23233	23233	23233
23	34342	34242	34242
43	44342	44342	34342
74	46462	46462	46462