

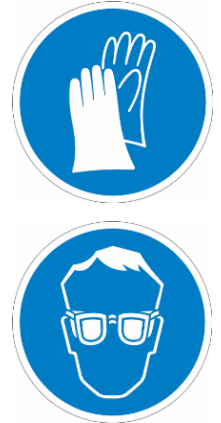
## Dry Ice loading instruction

For va-Q-proof 11 - 74

### **Note:**

Dry Ice is a hazardous substance. Before using a va-Q-proof with Dry Ice, undertake a risk assessment with your health and safety department to ensure all appropriate safeguards according to local regulations are in place. Make sure to handle the box only in well ventilated areas. When handling Dry Ice wear insulated gloves and safety goggles.

For the Dry Ice filling process, the va-Q-proof 11 is shown exemplary in the figures. The following loading instruction is valid for: **va-Q-proof 11 – 74**.



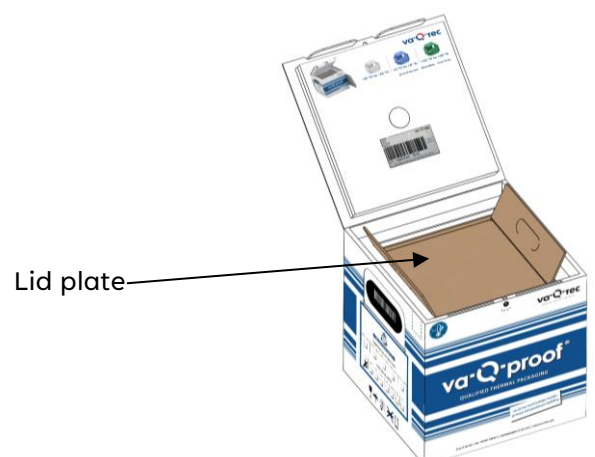
### **Step I**

Open the lid of the va-Q-proof. Before placing dry ice in a va-Q-proof make sure the va-Q-proof is equipped with the dry ice separators according to the SOP “Loading instruction for the dry ice separators”.



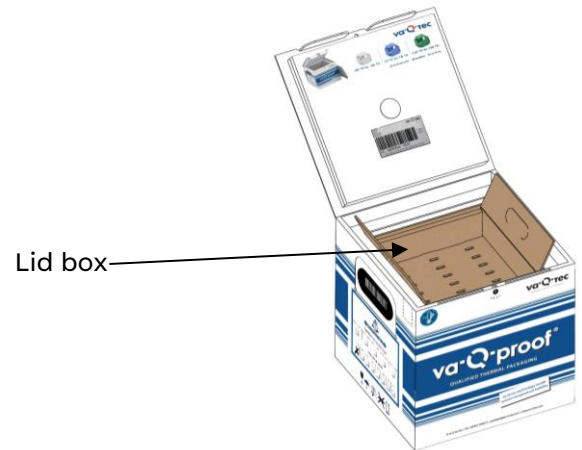
### **Step II**

Take out the lid plate, which is on top.



### Step III

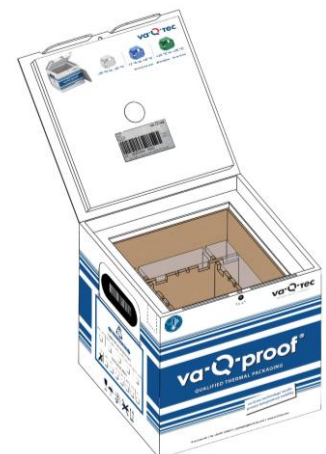
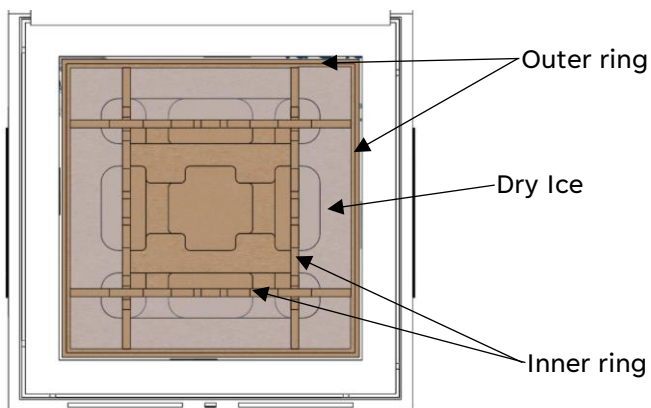
Take out the lid box, which sits on top of the inner ring.



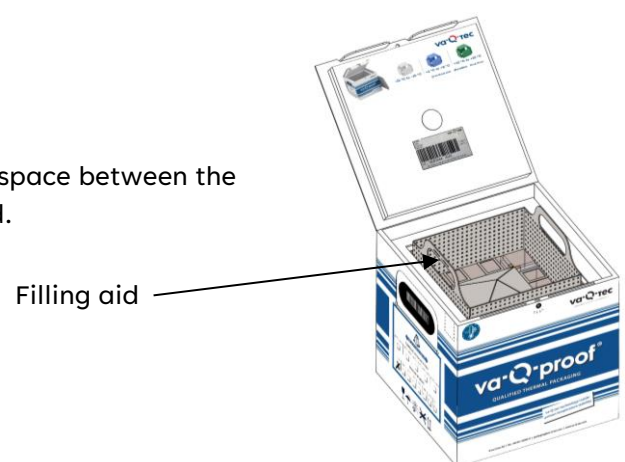
### Step IV

Fill up the space between the inner ring and the outer ring with dry ice. The targeted dry ice weight is defined in the Table 1: Dry Ice weight overview at the end of this document.

Once the space between the inner ring and outer ring is filled up with dry ice, the product can be loaded into the payload space.



**Note:** To facilitate and speed up the filling process of the space between the inner and the outer ring, va-Q-tec can provide a filling aid.



## Step V

Place the lid box back onto the inner ring and fill it up with dry ice. Ensure, that the dry ice does not exceed the upper edge of the lid box. The targeted dry ice weight can be found in the Table 1: Dry Ice weight overview at the end of this document.



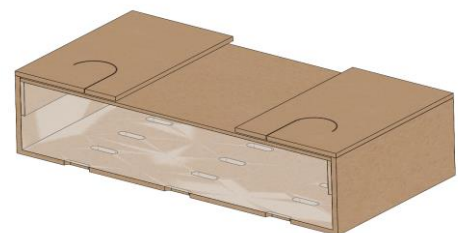
## Step VI

Position the tabs of the lid plate inside the lid box, so that the lid plate lies flush with the surface.



Fold the flaps with the handles of the lid box onto the lid plate.

Close the lid of the va-Q-proof and seal the lid with adhesive tape at the marked position.



## Dry ice weight


	Side compartment		Lid compartment	
				
va-Q-proof 11	5.3 [kg]	11.7 [lbs]	2.2 [kg]	4.9 [lbs]
va-Q-proof 16	7.5 [kg]	16.5 [lbs]	4.5 [kg]	9.9 [lbs]
va-Q-proof 23	7.5 [kg]	16.5 [lbs]	5.5 [kg]	12.1 [lbs]
va-Q-proof 30	10.5 [kg]	23.1 [lbs]	6.0 [kg]	13.2 [lbs]
va-Q-proof 33	12.0 [kg]	26.4 [lbs]	6.0 [kg]	13.2 [lbs]
va-Q-proof 43	14.2 [kg]	31.3 [lbs]	6.3 [kg]	13.9 [lbs]
va-Q-proof 57	16.0 [kg]	35.3 [lbs]	11.0 [kg]	24.3 [lbs]
va-Q-proof 74	21.0 [kg]	46.3 [lbs]	11.0 [kg]	24.3 [lbs]

Table 1: Dry Ice weight overview