

## Preconditioning instruction: va-Q-accus & va-Q-pads (Freeze&Thaw at 3°C) for +2 °C to +8 °C shipments PCM type +05G (color code: blue)

### Step 1

If the accus are delivered on a pallet, keep them inside the preconditioning rack (see example picture on the right). If they are delivered in a box, remove them and place them in the preconditioning rack. The preconditioning rack ensures correct airflow around the accus during preconditioning.

**Note:** It is necessary to keep the accus/pads inside the preconditioning racks during the entire preconditioning process.

Do not remove the cardboard from the va-Q-pads.



### Step 2

Store the accu bundles/pad bundles preferably horizontally in a freezer at a temperature of  $-20.0 \pm 5.0$  °C for at least 24 hours.

### Step 3

Take the accu bundles/pad bundles out of the freezer and store them in a cool room at  $+3.0$  °C  $\pm$   $0.5$  °C for at least 20 hours.

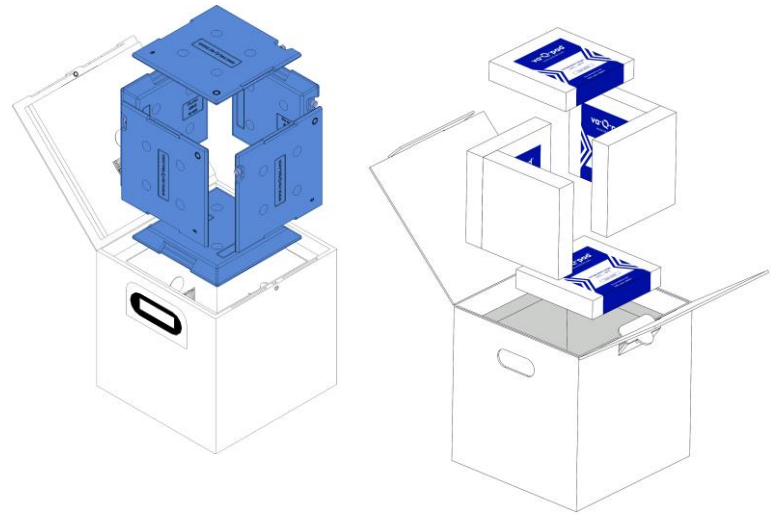
### Step 4

Remove the accu bundles/pad bundles from the cool room and check them. If the material in the accus is completely liquid please contact your supervisor

#### Step 4

Remove the preconditioning racks and load the accus/pads into the box as per the respective SOP instructions.

Do not remove the cardboard from the va-Q-pads.



#### Note:

Upon return check the va-Q-accus for visual deviations, for example leakages. Do not use damaged accus. A detailed check 3 years after the manufacturing date is recommended.

Before performing a shipment with the preconditioned va-Q-accus/pads +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 va-Q-accus/pads +05G provide the ability to buffer energy and to keep the temperature stable within a range of +2 °C to +8 °C depending on the exact amount and size of accus used and the ambient conditions. Customized solutions for modified temperature ranges and other requests can be addressed to our service team: [Packaging@va-Q-tec.com](mailto:Packaging@va-Q-tec.com).