

# LIEBHERR LOADING PLAN

## SCIENTIFIC REFRIGERATOR LKv 3910 / LKv 3913

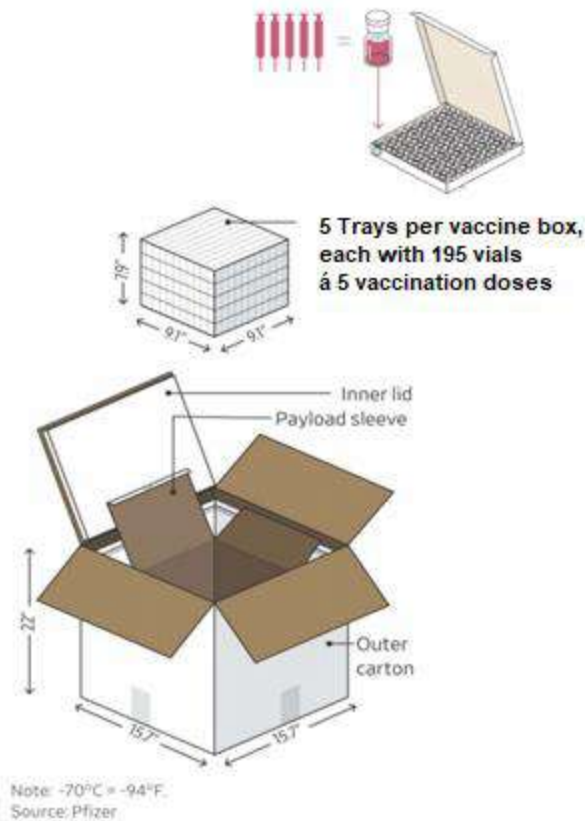


## LOADING WITH PFIZER/BIONTECH TRAYS FOR 195 VIALS

### General Information

The temperature-controlled Pfizer Cool Box enables the logistic of the Pfizer / BioNTech vaccine BNT162b2 at a temperature of  $-70^{\circ}\text{C}$  by usage of dry-ice. One box/container can be filled with 5 trays, each tray with 195 vials. According to available information 5 vaccination doses can be taken from one vial.

The reusable Pfizer Cool Box consists of an outer carton and a payload sleeve for the five trays. The gap between outer carton and payload sleeve is filled up with dry-ice. With one dry-ice-loading the container keeps a temperature of  $-70^{\circ}\text{C}$  for at least 10 days. The vaccines can be stored at  $+2^{\circ}\text{C}$  to  $+8^{\circ}\text{C}$  for max. 5 days before used.



Source:  
[https://si.wsjnet/public/resources/images/E3-HG530-COVIDVA\\_300PX\\_202009-03213118.jpg](https://si.wsjnet/public/resources/images/E3-HG530-COVIDVA_300PX_202009-03213118.jpg)

**Vaccine boxes / Payload (5 trays):** height 7.9" = 20.1 cm x width 9.1" = 23.2 cm x depth 9.1" = 23.2 cm

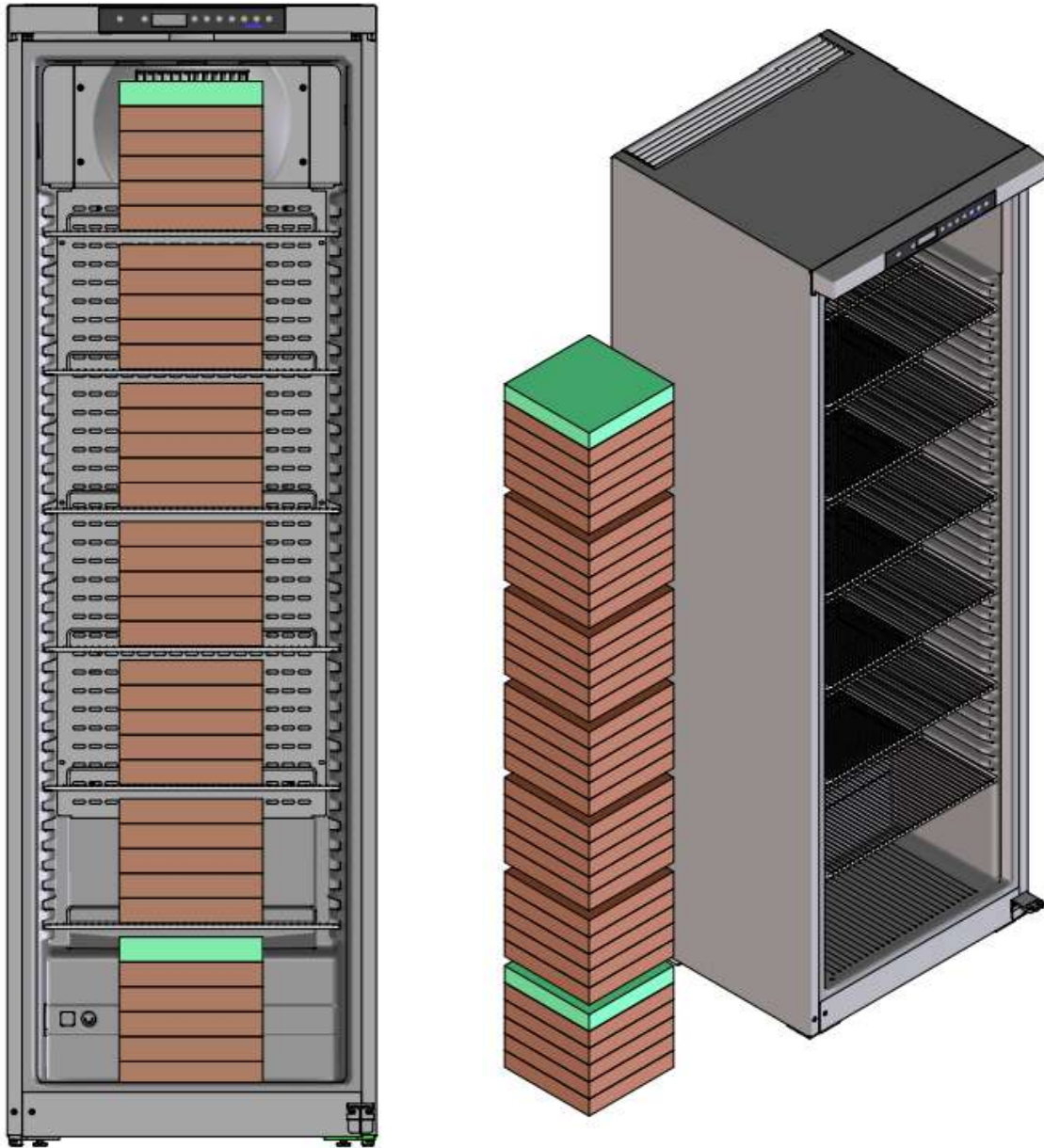
**Transport container / outer carton:** height 22" = 55.9 cm x width 15.7" = 39.9 cm x depth 15.7" = 39.9 cm

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## LKv 3910 / LKv 3913 Loading Capacity Pfizer / BioNTech BNT162b2

**7 vaccine-boxes**, each vaccine box with 5 trays + **2 additional trays** (green marked in sketch), **overall 37 trays**;  
Each tray with 195 vials for 5 doses = **7.215 vials / 36.075 doses** (or people that can get a vaccination)

Note: for appliances with interior light 2 trays / 390 vials / 1.950 doses less (LKv 3913)



**LKv 3910, LKv 3913**

Disclaimer: All information regarding the Pfizer Cool Box as well as its dimensions are without guarantee. This information refers to existing press reports and may change due to further developments.