LIEBHERR LOADING PLAN

SCIENTIFIC REFRIGERATOR/FREEZER LKPv/LGPv 65xx



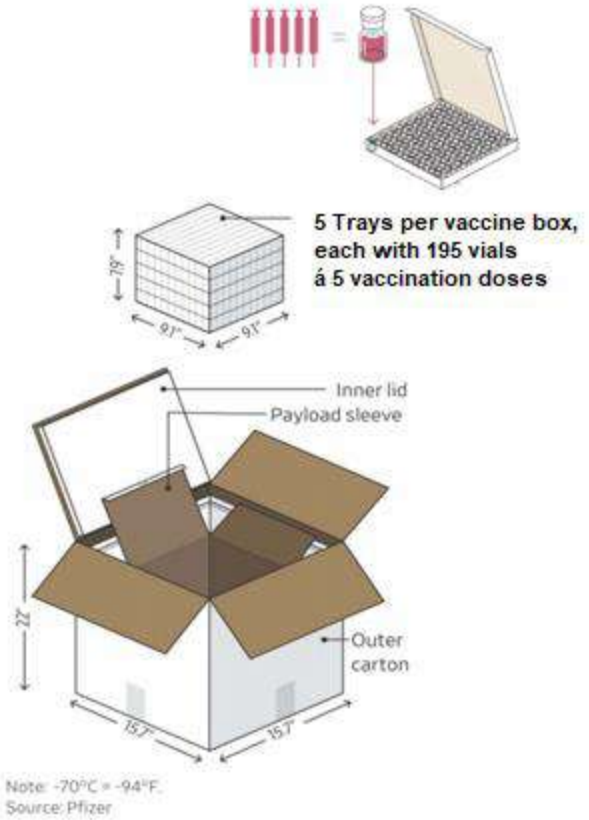


LOADING WITH PFIZER/BIONTECH TRAYS FOR 195 VIALS

General Information

The temperature-controlled Pfizer Cool Box enables the logistic of the Pfizer / BioNTech vaccine BNT162b2 at a temperature of -70°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°C for at least 10 days. The vaccines can be stored at +2°C to +8°C for max. 5 days before used.



Source: https://si.wsj.net/public/resources/images/B3-HG530_COLDVA_300PX_20200903213118.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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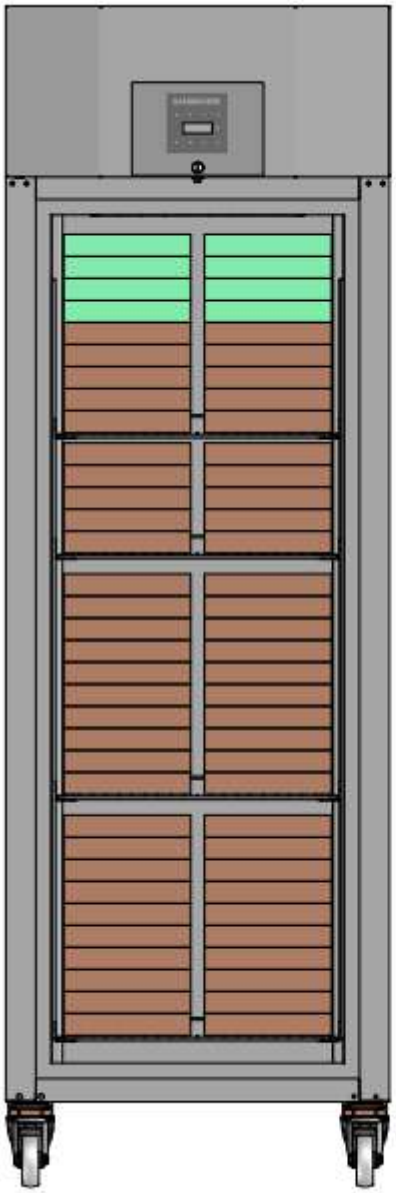
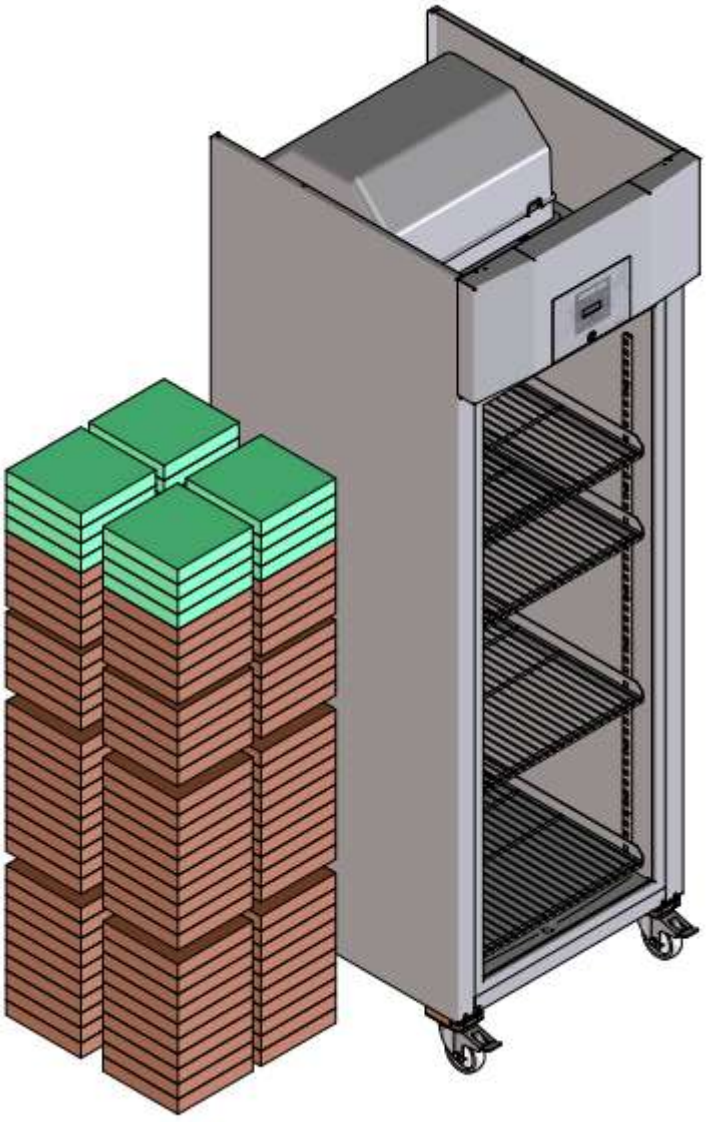
LKPv/LGPv 65xx Loading Capacity Pfizer / BioNTech BNT162b2

22 vaccine-boxes, each vaccine box with 5 trays + **16 additional trays** (green marked in sketch), **overall 126 trays**;
Each tray with 195 vials for 5 doses = **24.570 vials** / **122.850 doses** (or people that can get a vaccination)
Note: for appliances with interior light 4 trays / 780 vials / 3.900 doses less (LKPv 6523 / LKPv 6520 var. 137 / LGPv 6520 var. 137)





LKPv 6520, LKPv 6527, LKPv 6523
LGPv 6520, LGPv 6527

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.