

Procedure for exchanging a faulty -80 and -20 freezer in O|2 with a spare freezer

Before explaining how to move the contents of a broken freezer into a spare freezer, we first describe the procedure for turning the freezers on and off.

Turning the -80 freezer ON - OFF



First push the 'Code' button and after that:

▲ = 1; Setp. = 2; Batt. = 3, ▼ = 4;

The display flashes 1234.

Wait until the flashing stops and push "Power ON/OFF".

If no button is pushed for 30 seconds, the input mode is deactivated.

Turning the -20°C freezer ON – OFF

- The Vaust freezers are turned off by unplugging the freezer from the mains outlet.
- The Liebherr freezers are turned on-off by pushing the on/off button for 5 seconds.

Procedure for moving the freezer contents of a broken freezer into a spare freezer:

0. There is a BIBRO email or text alarm on a -80°C or -20°C freezer.
1. Make sure by checking BIBRO that your freezer is heating up.
2. Check on site whether the freezer condenser is blocked (eg. there could be something in front of the inlet)
3. Get a spare freezer from the basement in KW-01. (Be sure to take your card to unlock the KW-01 door)
4. The only way to get into the basement (-1), is by taking the W service lift. If you are in an E lift or a W passenger lift, you have to change lifts at the ground floor. If you push the call button for going down on W, the service lift will come and collect you.
5. Enter KW-01 and find a spare freezer. They are lined up right in front of you.

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6. Check the temperature on the spare freezer. It should be -80°C or -20°C
7. Turn off the spare freezer, using the instructions above. Unplug the mains connection from the wall. Unplug the BIBRO data connection from the freezer.
8. Take the freezer to the lift using the pallet mover. You will find two wedges in the toolbox to prevent the doors from closing, while you pass.
9. **Beware:** If you have to be on a W floor just push the button for the floor, where you have to be. The easiest way to reach an E floor is to change lifts at the ground floor. On the ground floor you attract the big service elevator by pushing the button to go down. As the service elevator is the only way down, it will come. Get in and push the button of the floor you want to go to.
If you want to go back from your floor to the basement, you should first go to the ground floor, call the service elevator as explained above and take it up to collect your freezer.
10. Move the spare freezer close to the broken freezer. Use the wedges from the toolbox to hold the doors on the way.
11. Plug in the mains of the spare freezer.
12. Turn on the spare freezer using the instructions above.
13. Close the CO2 cylinder. Use the adjustable spanner in the toolbox to unscrew the CO2 Swagelok coupling on the rear of the broken freezer until you hear the CO2 gas escaping.
14. Pack the contents from the broken freezer into the spare freezer. Be sure to wear gloves!
15. Turn off the broken freezer (instruction above) and unplug the mains. Loosen the CO2 coupling completely and unplug the BIBRO (network like) connection from the freezer.
16. Replace the broken freezer with the spare freezer.
17. Plug in the BIBRO (network like) connection on the spare freezer and screw the CO2 coupling into the spare freezer.
18. Open the CO2 cylinder. Check the coupling with the aerosol in the toolbox
19. The pallet mover can stay with the broken freezer.
20. Register your spare freezer on the loan page of the BIBRO site. Add the users and enable alarm emails and text messages.
Order a new CO2 gas cylinder 'met stijgbuis' (in O|2 they are called: "Koolzuur met Stijgb." Gascode K 050M of) **Be sure to order a 50-liter cylinder.** You can order the cylinders @: https://fd20.formdesk.com/vuamsterdam/fco_aanvraagleveringgassen
21. Mail FMIB @ MechrepO2.FMIB@vu.nl with the details of the broken freezer.
22. Defrost and clean the broken freezer. Decontaminate the broken freezer according to the BVF protocol and prepare a release form (vrijgave formulier). The form is only available on the Dutch VUNET pages and can be found on VUNET > Serviceplein >

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Milieu> Veiligwerken > Vrijgaveformulier. Print it and stick it to the freezer and send a scan to MechrepO2.FMIB@vu.nl

What should be in the box situated on the three pallet movers:

1. Lift key to request the maintenance lift
2. 2x door wedges to keep doors open
3. Small monkey wrench to loosen the swagelok
4. Bibro loop cord to connect the second freezer
5. Bibro T-piece divider
6. Bubble checker to check the swagelok connection for leakages