

Filling the truFreeze® System

⚠ Always fill the truFreeze® console in a well-ventilated area.

⚠ Wear provided gloves and protective eyewear to avoid contact with cryogen and frosted hose, valves, and fittings.

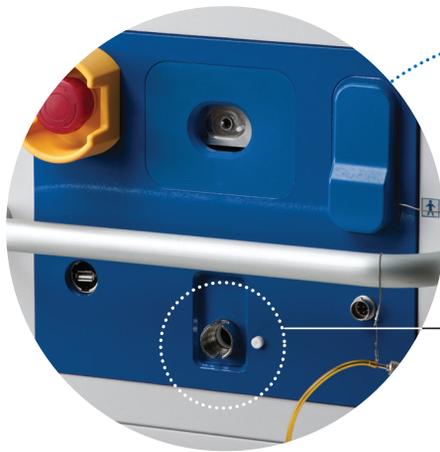


⚠ Never expose the truFreeze system to liquid.



1. Roll truFreeze console to fill site and lock wheels.
2. Confirm source tank is 22 PSI (151.6 kPa) Medical Grade Liquid Nitrogen.
3. Plug console into standard wall power outlet and turn main switch on the back of the console to **ON**.
4. Built-In Test (BIT) will run (up to 3 minutes).

NOTE: SOME CONSOLES ALSO DISPLAY A SHUTDOWN BUTTON.

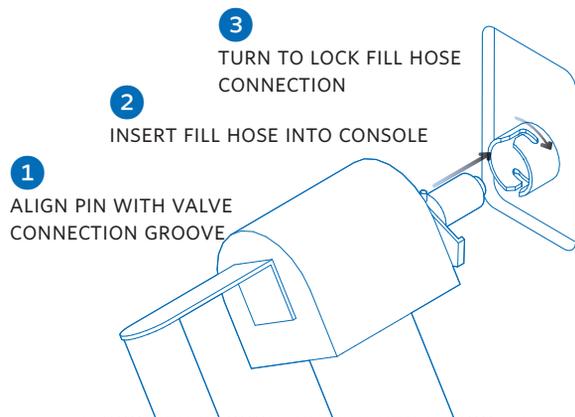


FILL PANEL COVER

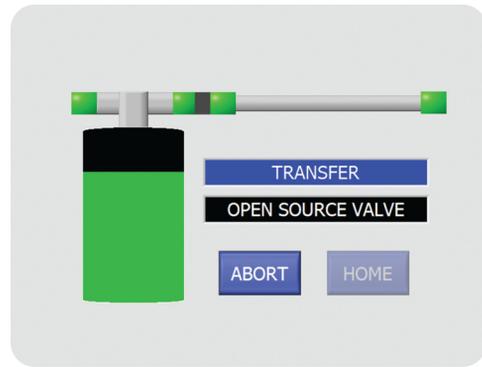
LIQUID NITROGEN VALVE CONNECTION



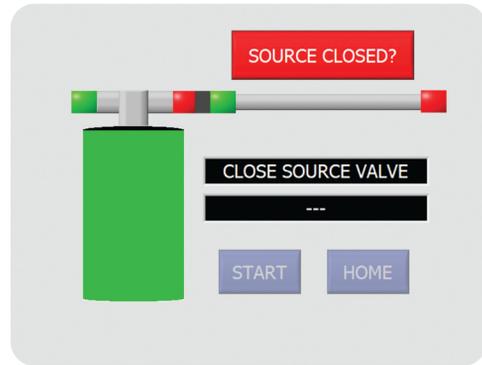
5. Meanwhile, remove fill panel cover and retrieve fill hose from rear of console.
6. Connect the threaded end of fill hose to the source tank LIQUID valve and make sure the connection is snug using the wrench.
7. From the HOME screen: Press **"FILL"**
8. Connect the fill hose to front of console, aligning the pin and groove. The user interface will read **"READY - PRESS START"** when hose is inserted correctly.



9. Wait 5 seconds, then press **START**.
The console will regulate pressures (may take a few minutes).
10. When the console is ready, it will display **"TRANSFER"** and prompt the user to open the LIQUID valve on the source tank.
11. To begin filling, open the LIQUID valve of the source tank by turning the knob or lever all the way to the left. An empty console will take 10-15 minutes to fill.
12. When the console is full, the interface will display: **SOURCE CLOSED?**
Note: To interrupt the fill process at any time, press the **ABORT** button.
13. Close the LIQUID valve by turning the knob or lever all the way to the right. Then press **SOURCE CLOSED?** on the screen.



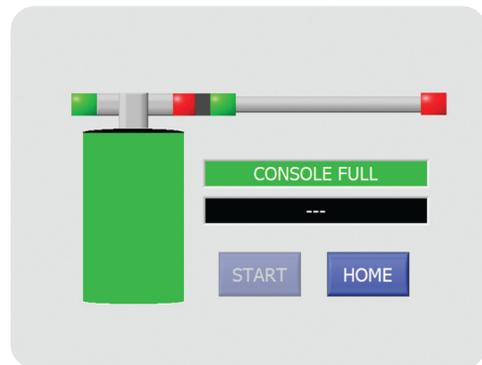
14. When the user interface displays **CONSOLE FULL** - wait at least 15 seconds for hose to vent.
15. Remove hose by turning 90 degrees counter-clockwise and pulling away from console.



⚠ Use caution. The hose may contain residual liquid nitrogen.

16. Disconnect hose from source tank using the wrench.
17. Return hose, wrench, and safety gear to rear panel storage, and replace fill panel cover.
18. Press **HOME**. If the console has a **SHUTDOWN** button, press **SHUTDOWN** and allow the user interface to power down. When the screen is black, turn power switch located on rear panel of console to **OFF** and unplug for transport. Otherwise, simply turn power switch on rear panel of console to **OFF** and unplug. The system will shut down automatically.

⚠ Please read the Instructions For Use and Operator's Manual for complete information about the truFreeze System.



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