

CAIRE Portable Units FILLING PROCEDURES

Top Fill Models

1.



The portable unit should be filled 15 minutes prior to intended use.

2.



Clean the reservoir and portable unit fill connections to remove moisture and other contaminants with a lint free cloth. Do not disturb or depress the poppet on the reservoir or portable while drying the fill connectors. Also, be sure to keep the portable in the upright position at all times while wiping its fill connector.

3.



Position the portable unit above the reservoir's Quick Disconnect Valve and align it with the indentation on top of the reservoir. Press down on top of the portable unit to engage with the reservoir's Quick Disconnect Valve. Once the portable unit is engaged with the reservoir it can be filled.

4.



Begin filling the portable unit by simply pulling its vent valve handle into its open position while continuing to apply pressure on the portable unit to maintain its connection.
NOTE: FOR HELIOS PORTABLE UNITS ONLY: After 20-30 seconds, close and reopen the vent valve one or more times. This will help prevent the vent valve from sticking in the open position.

5.



The unit is full when the hissing sound changes in tone and a dense, white vapor is seen coming from under the shroud of the reservoir. When this is observed, close the vent valve by raising its lever.

6.



When disconnecting the portable unit, simply hit the disconnect plunger on the reservoir. This will disengage the portable from the reservoir.

7.



If the portable unit freezes to the reservoir while filling, simply close the vent valve handle and leave it attached. Once the fill connectors have thawed, the units can then be easily disengaged.

If the portable unit or reservoir leak liquid oxygen from the poppet, reattach the portable to the reservoir and allow the connectors to warm sufficiently to melt the ice.

8.



Your portable unit is filled and ready to use!

Questions?
Please call our Technical Support Team:
800.482.2473
or email us at:
techservice.usa@chartindustries.com