



Solstice® Liquid Blowing Agent (LBA) and Solstice Gas Blowing Agent (GBA)

Dispensing Instructions from 10 or 50 lb Returnable Cylinders

1

SAFETY FIRST

Before working with Solstice® LBA or Solstice GBA liquid under pressure, be sure to familiarize yourself with the Safety Data Sheet and wear the proper personal protective equipment, or PPE. This includes but is not limited to: safety glasses with side shields or goggles, solvent-resistant gloves, and appropriate clothing. Wear additional PPE when necessary. Avoid contact with eyes, skin and clothing, and do not breathe mist or vapors.

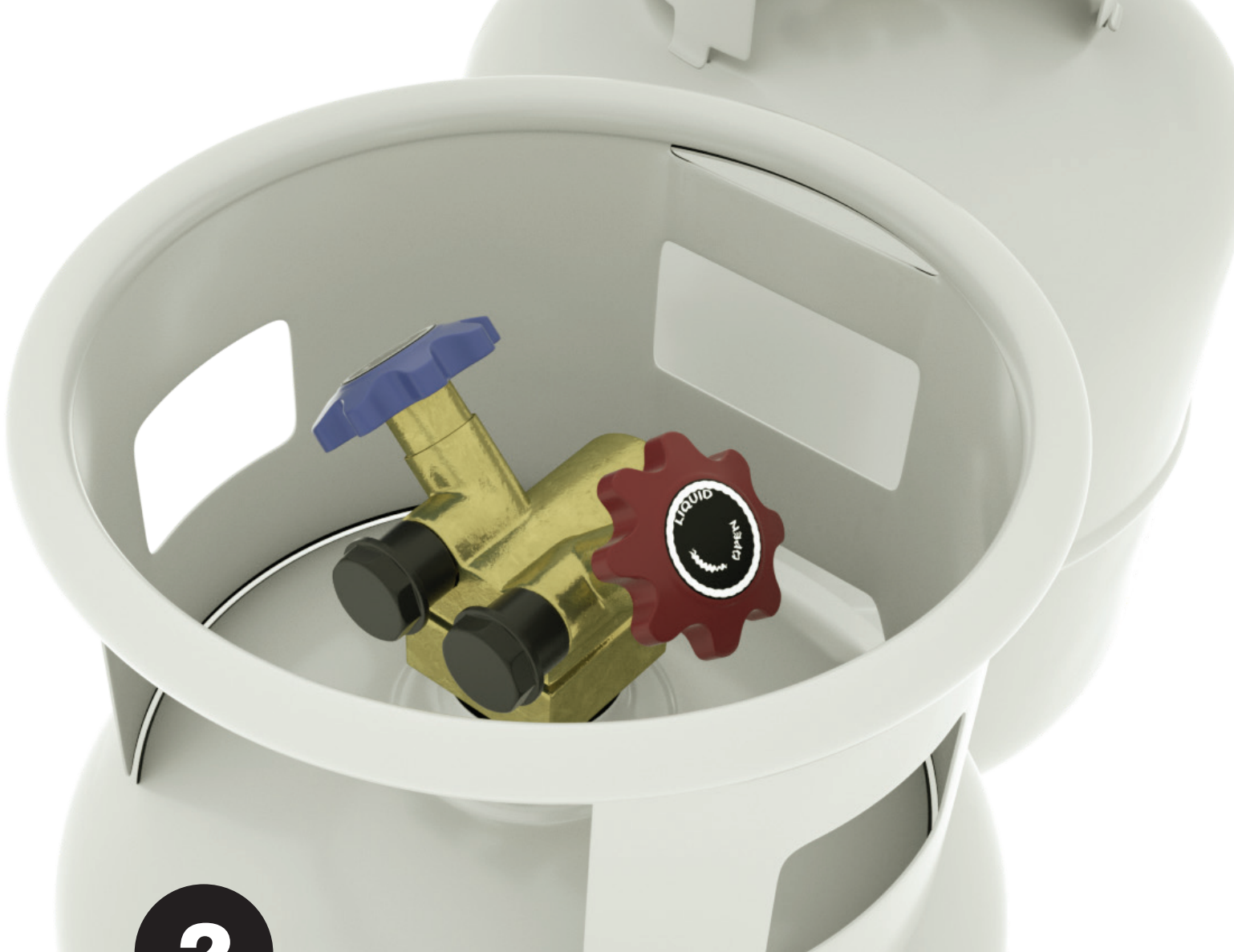
NOTE: It is important to dispense in a well-ventilated area. In case of insufficient ventilation, wear the proper air respirator.



If there is not enough pressure in the cylinder, you may need to add additional nitrogen pressure. Please contact your Honeywell Technical Service representative if you require assistance.

MATERIAL COMPATIBILITY:

Ensure you use the proper materials of construction when handling Solstice LBA or Solstice GBA. Detailed material compatibility can be found in the technical data sheets on the website at [honeywell-blowingagents.com](https://www.honeywell-blowingagents.com).



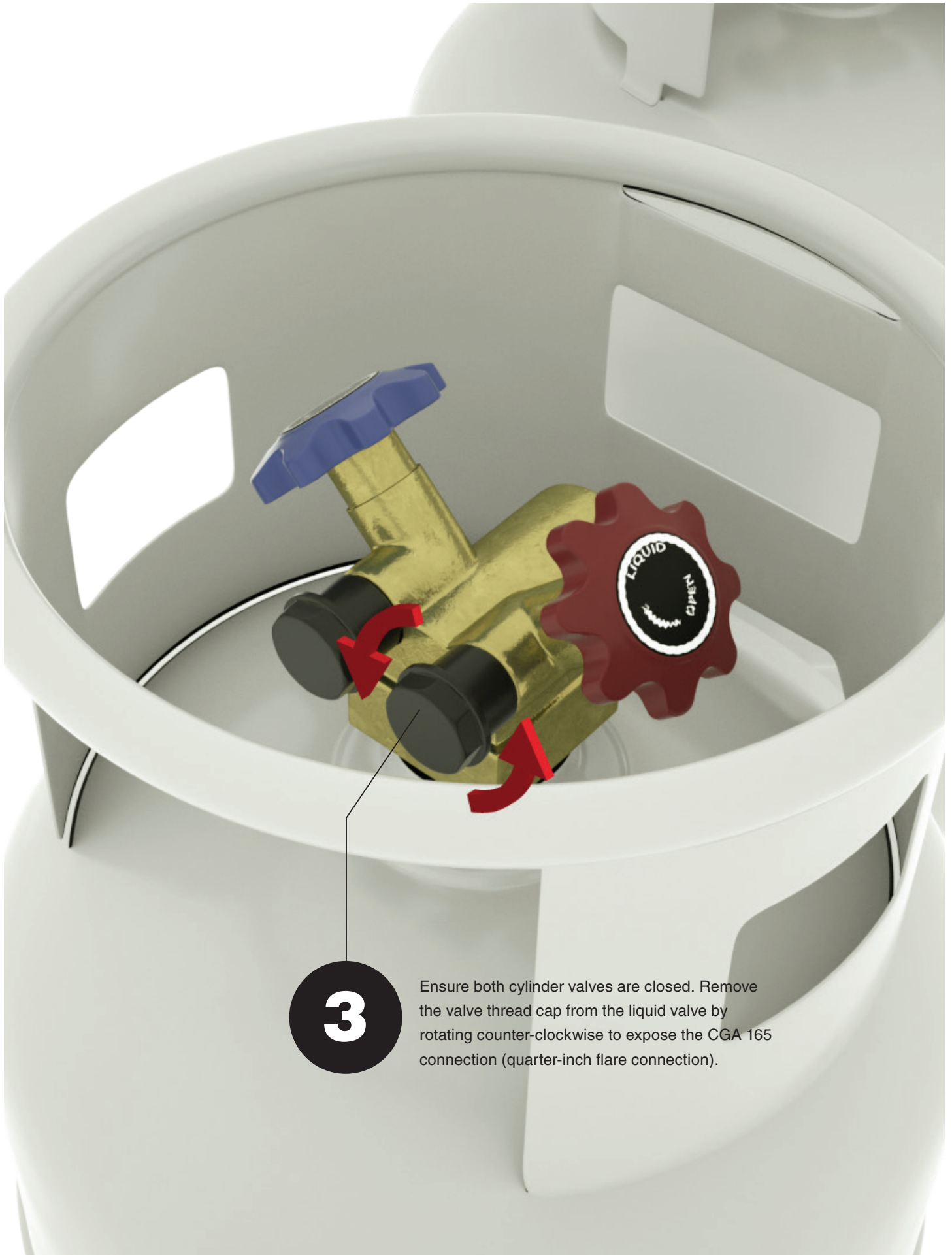
2



CONNECTIVITY

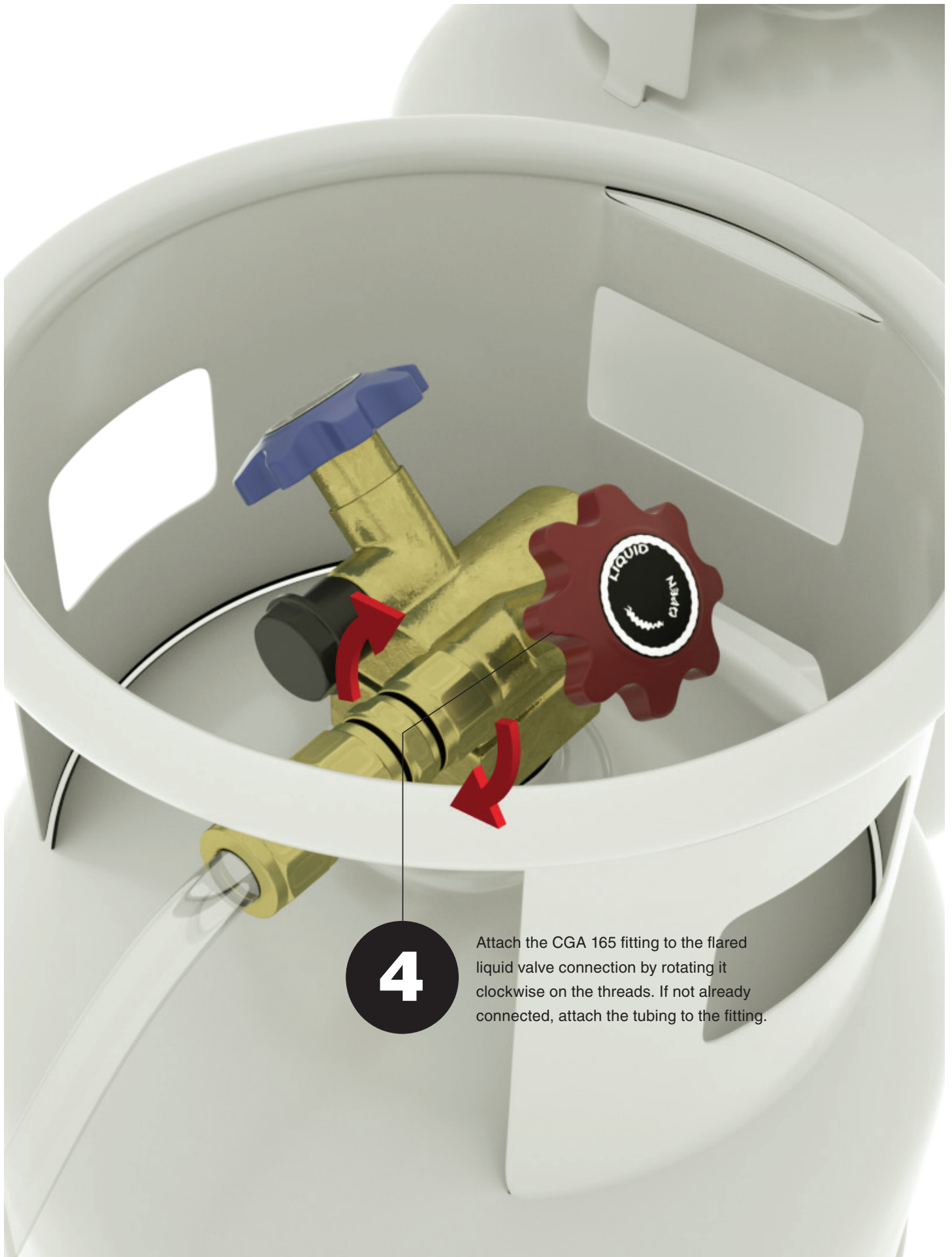
To connect to the 10- or 50-pound returnable cylinder, you must first obtain the correct fitting. The outlet thread on the cylinder valve conforms to the Compressed Gas Association, or CGA, standard — specifically CGA 165, also known as quarter-inch flare. If you don't have the proper fitting and/or hose assembly, please contact your Honeywell Technical Service representative at **1-800-631-8138 (Option 2)**.

NOTE: The instructions in this document are for extracting Solstice LBA or Solstice GBA liquid without the use of additional nitrogen pressure. There are separate instructions on how to add nitrogen pressure to the cylinder if it is required.



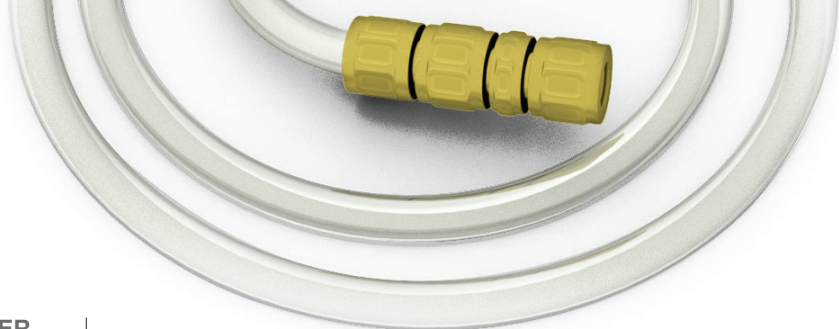
3

Ensure both cylinder valves are closed. Remove the valve thread cap from the liquid valve by rotating counter-clockwise to expose the CGA 165 connection (quarter-inch flare connection).



4

Attach the CGA 165 fitting to the flared liquid valve connection by rotating it clockwise on the threads. If not already connected, attach the tubing to the fitting.



5A

DISPENSING INTO AN EMPTY CONTAINER

Place the open end of the tubing assembly into a sealable container to help reduce evaporative losses. If short-term storage is required, keep the material in a sealed container a few degrees below its boiling point: 15°C/59°F for Solstice LBA and -22°C/-7.6°F for Solstice GBA.



GENERAL SAFETY COMMENT:

Be careful of splashing during transfer

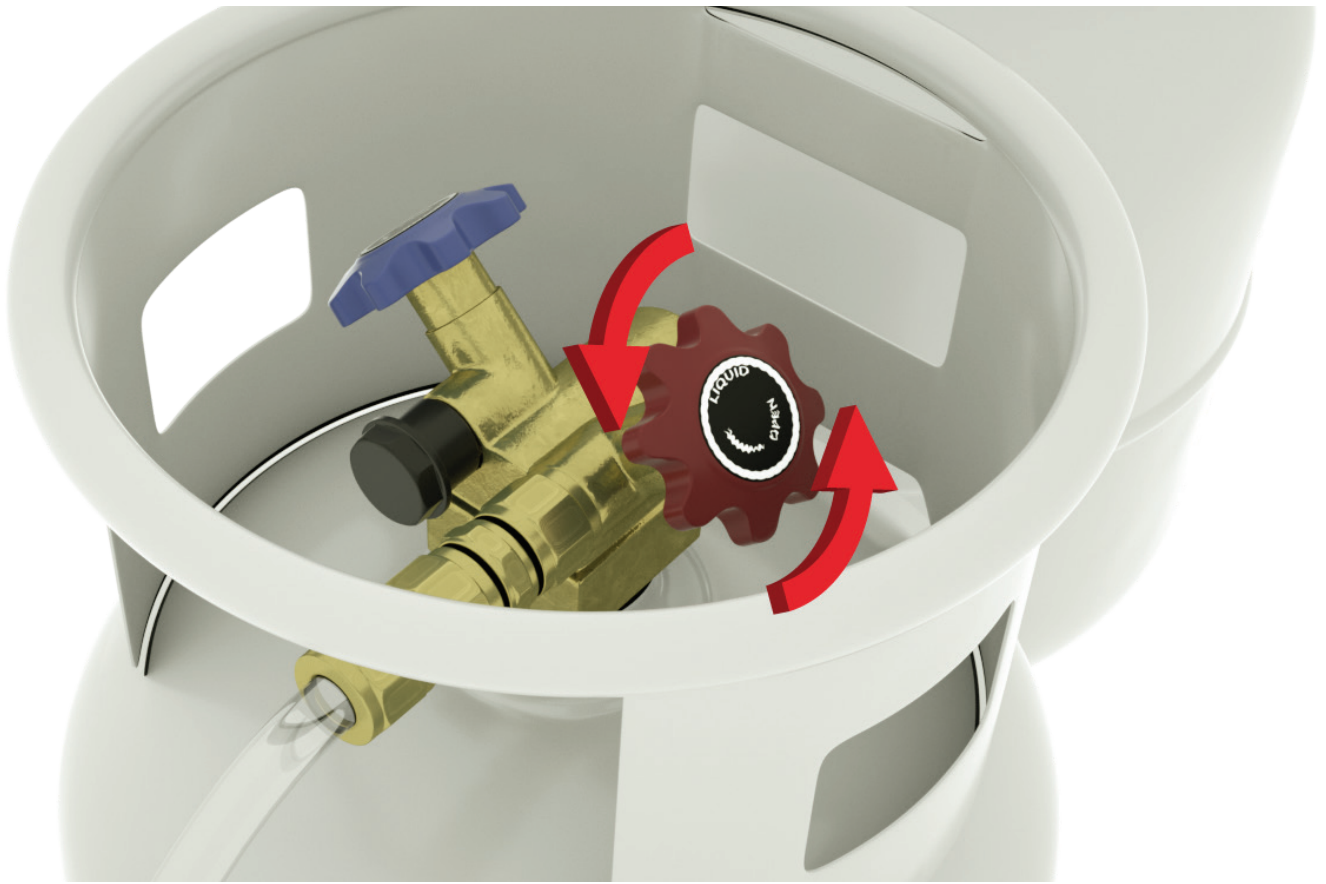
or



5B

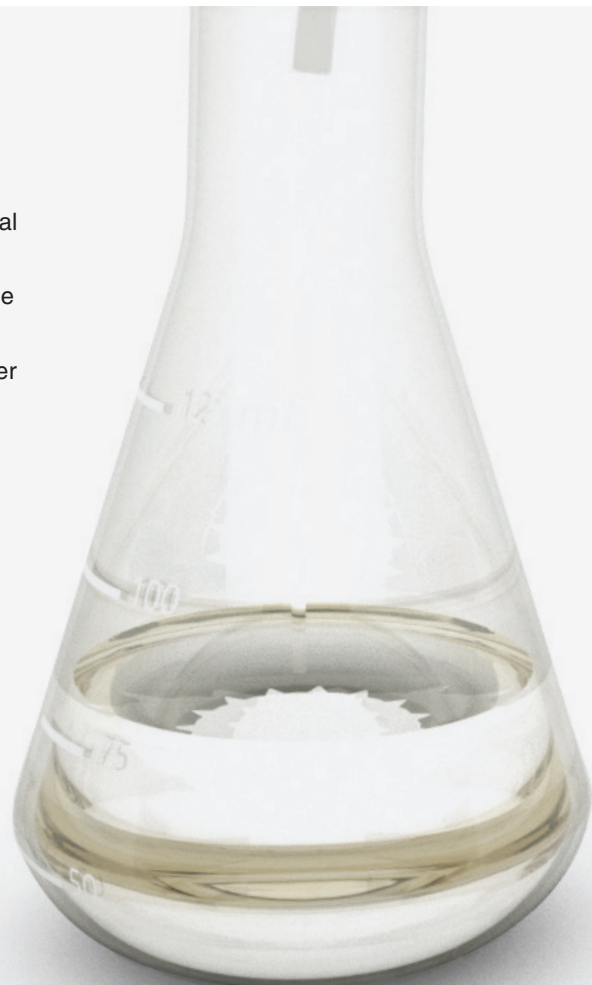
DISPENSING INTO A POLYOL PREMIX

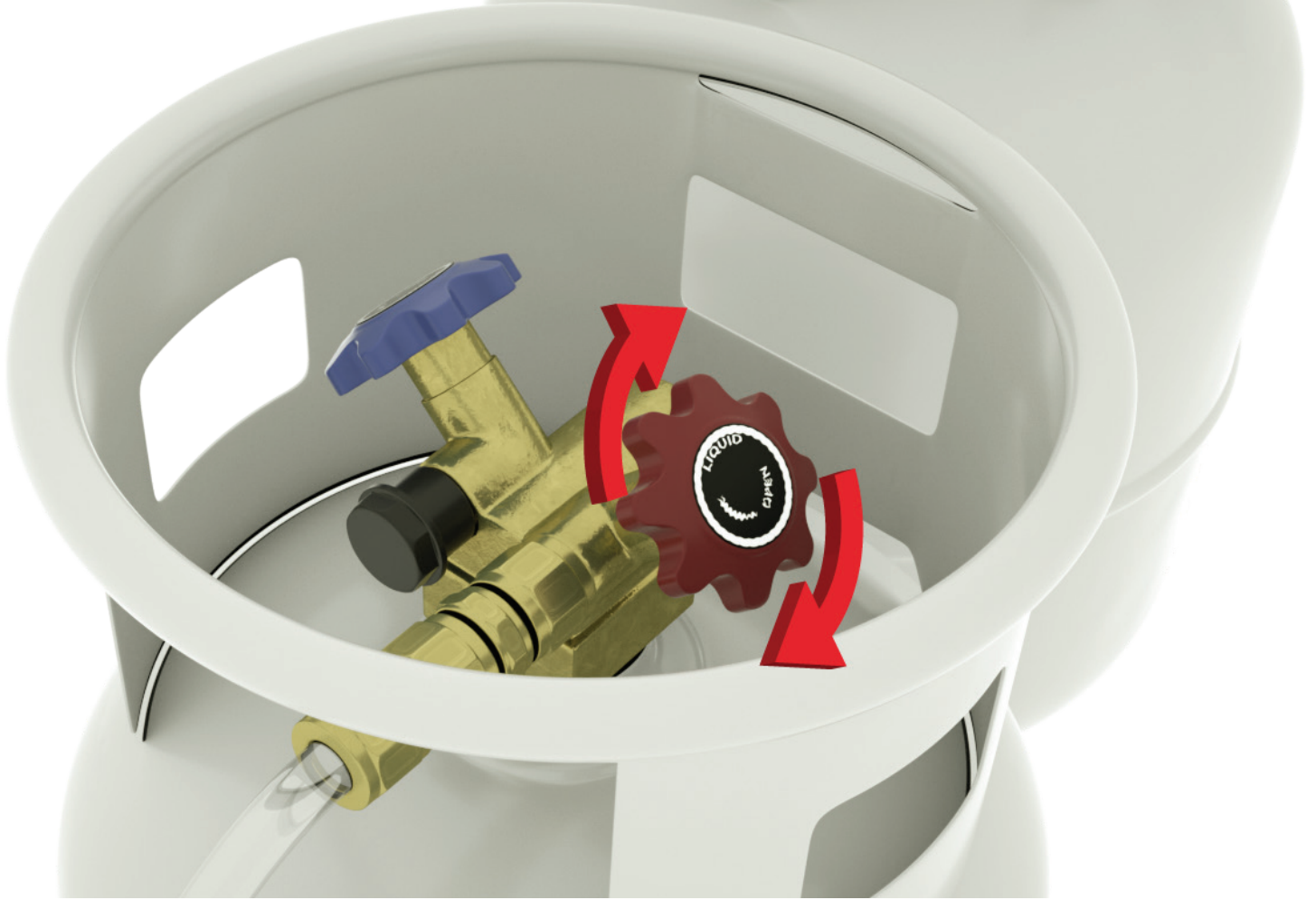
When dispensing Solstice LBA or Solstice GBA into a polyol premix, pre-cooling the polyol will reduce evaporative losses. Hold the tubing at least half way under the liquid level during addition. Then start the mixer. The rate of addition of the blowing agent should not exceed the rate of dissolution of the blowing agent into the polyol.



6

Open the liquid valve slowly so the Solstice LBA or Solstice GBA material flow can be controlled by turning the handle counter-clockwise to dispense liquid. Liquid will flow from the open end of the tube in the empty container or polyol premix.

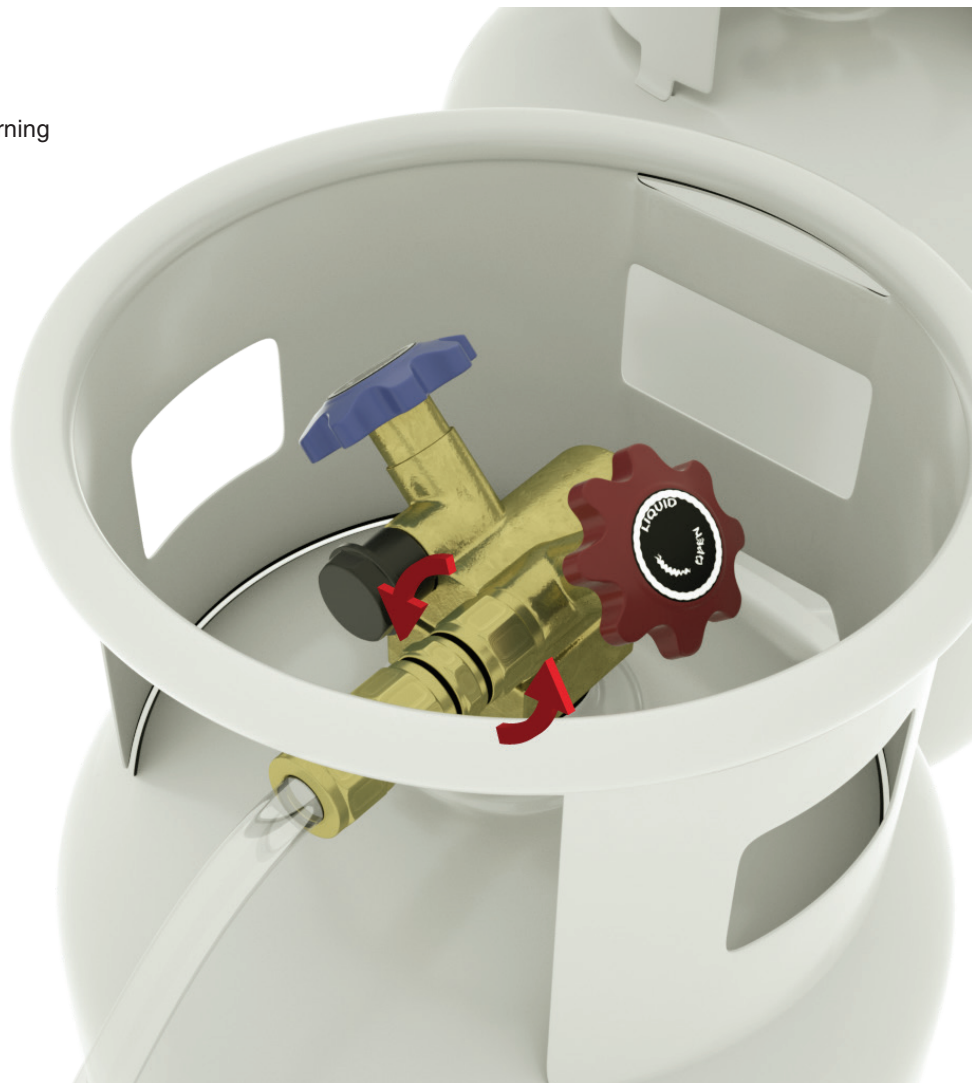




7

Close the liquid valve by turning handle clockwise. Drain all material into the container.

Disconnect the tubing assembly from the cylinder. Do not dispose of the tubing assembly – it can be reused for future transfers.

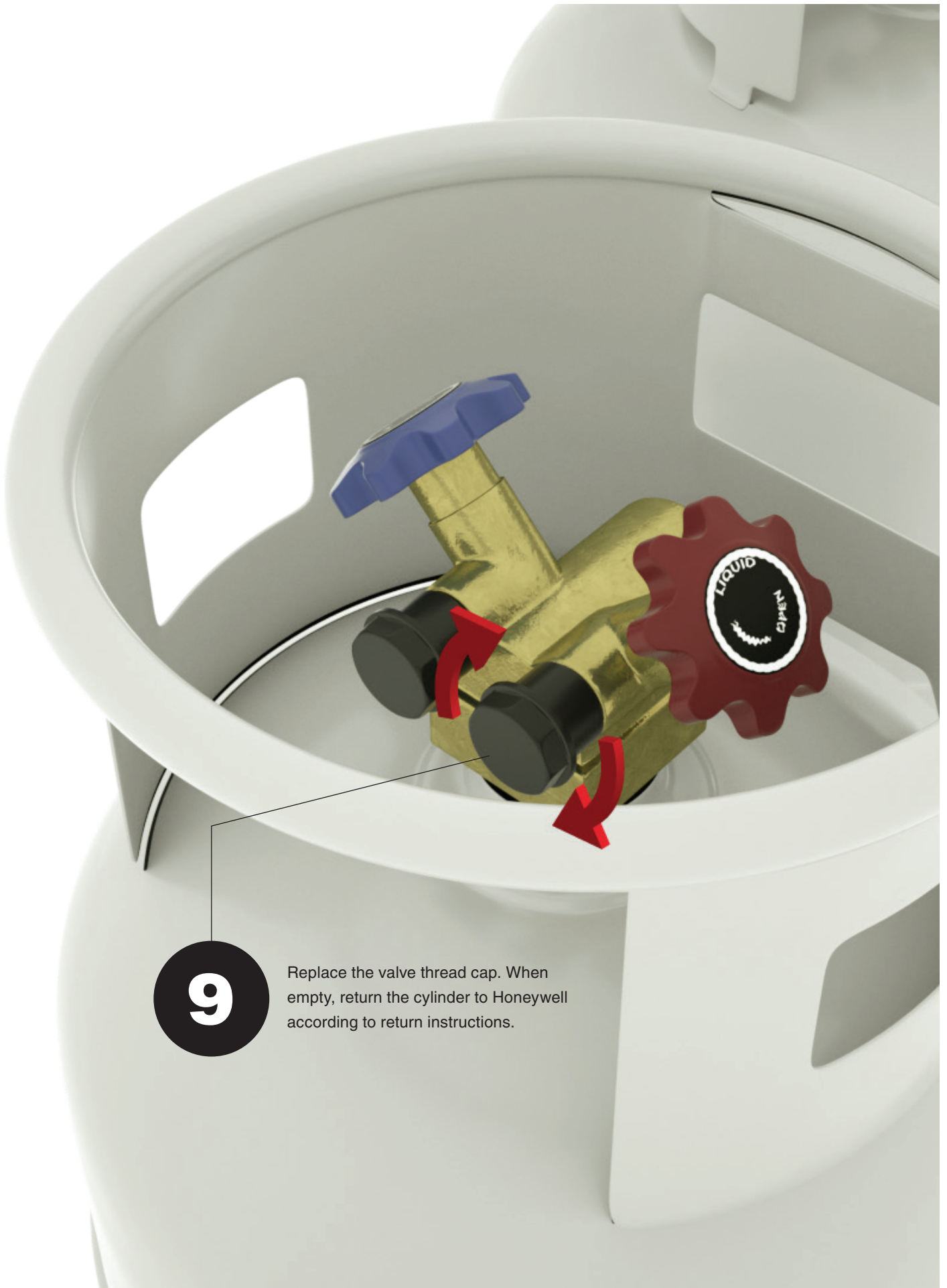


8

For longer-term storage of Solstice LBA (more than a day), store the filled, sealed container in the refrigerator below 15°C (59°F).

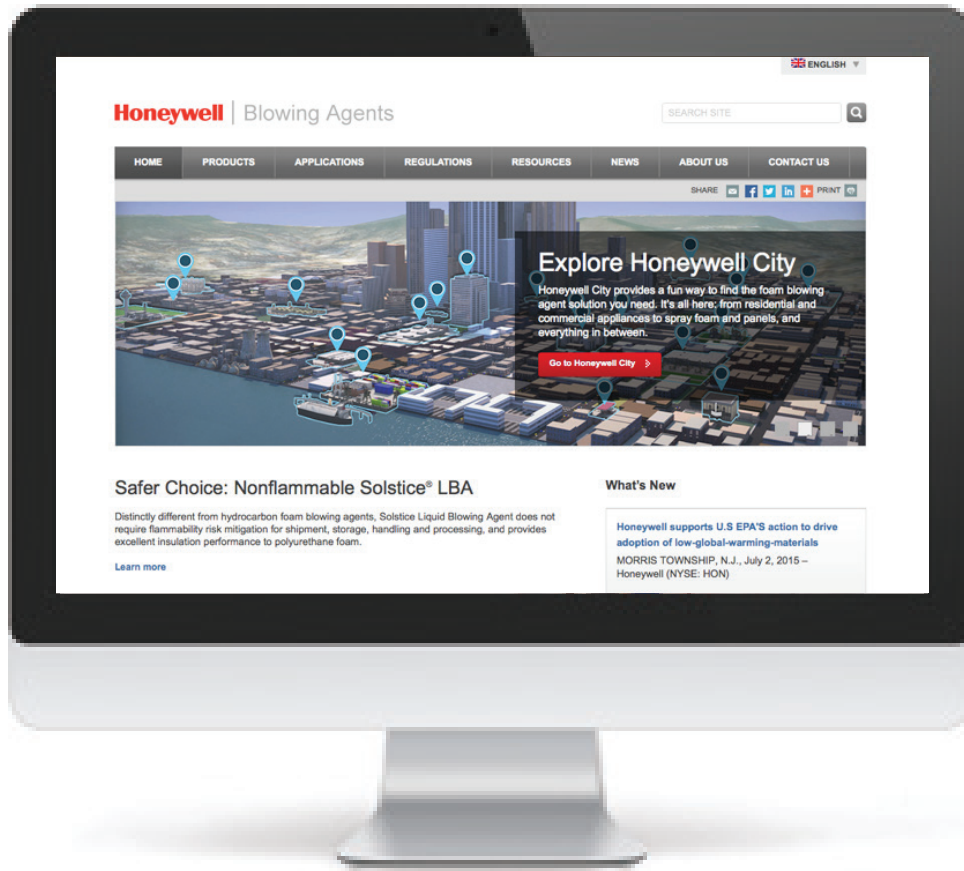
For longer-term refrigerated storage of Solstice GBA, store in a sealed, pressure-rated container.





9

Replace the valve thread cap. When empty, return the cylinder to Honeywell according to return instructions.



1-800-631-8138

NOTE: Press Option 2 for Technical Assistance.

www.honeywell-blowingagents.com

CONTACT YOUR HONEYWELL
REPRESENTATIVE WITH QUESTIONS.

Honeywell

For more information or technical assistance,
please call **1-800-631-8138** (Option 2).

Honeywell Blowing Agents

115 Tabor Road

Morris Plains, NJ 07950

honeywell-blowingagents.com

Although Honeywell International Inc. believes that the information contained herein is accurate and reliable, it is presented without guarantee or responsibility of any kind and does not constitute any representation or warranty of Honeywell International Inc., either expressed or implied. A number of factors may affect the performance of any products used in conjunction with user's materials, such as other raw materials, application, formulation, environmental factors and manufacturing conditions among others, all of which must be taken into account by the user in producing or using the products. The user should not assume that all necessary data for the proper evaluation these products are contained herein. Information provided herein does not relieve the user from the responsibility of carrying out its own tests and experiments, and the user assumes all risks and liabilities (including, but not limited to, risks relating to results, patent infringement, regulatory compliance and health, safety and environment) related to the use of the products and/or information contained herein.



June 2016
© 2016 Honeywell International Inc. All rights reserved.

Honeywell