



WINTERIZING & STARTUP TECHNICAL BULLETIN

Q360+ IN-FLOOR SYSTEM

Note: Follow all the normal winterizing process for all of your standard pool plumbing. See a swimming pool professional for the proper equipment and process.

Q360+ Valve Winterizing Process

Goal: To prevent freeze damage in cooler climates, remove water from the outlet discharge lines above the freeze line and seal valve.

1. With the Guardian Winterizing kit, you will receive the winterizing plug and a winterizing lid with O-ring. The existing band clamp is utilized.
2. Before beginning the installation of the winterizing kit, follow all the normal winterizing processes for your standard pool plumbing. Blue Square recommends consulting a swimming pool professional for the proper equipment winterizing process.
3. Installation of the winterizing kit could not be easier. You will need a wrench and a compressor or other air source. Before beginning the installation, ensure your system is in service mode or turned off.
4. After your system has been put into service mode or turned off remove the brass nut on the band clamp. When the brass nut has been completely removed, the band clamp can be removed from the Q360 valve. Set the band clamp aside as it will be used in the installation of the winterization kit. See Figure 1.



Figure 1

5. Remove the lid, turbine, and gear cassette and store them in a safe place for the winter season where they will not get damaged. See Figure 2.



Figure 2

6. Place the winterizing plug into the Q360 valve body where plumbing goes to the equipment pad. Blue Square recommends to utilize the pneumatic side of the plug, therefore, this side must be exposed inside the valve body. See Figure 3.



Figure 3

7. Hold the plug while using a compressor to inflate the winterizing plug to fill the opening. After inflation, it should fill the entire opening. See Figure 4.



Figure 4

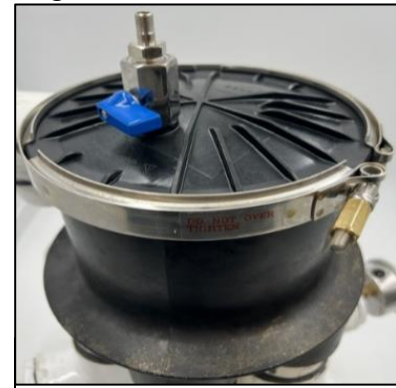
8. Replace the O-ring, lid, and band clamp and tighten the brass nut fully to compress the O-ring.



Figure 5

9. The blue shut off valve handle should be vertical and in body and Schrader valve stem. At this point, you are ready to put air through the Schrader valve on top of the lid. See Figure 5.

alignment with the valve



10. Utilize a compressor and a nozzle to inject air through the Schrader valve until air is visibly bubbling up from the performance jets in the bottom of the pool. This is the indication that all water has been removed from the line. When complete, turn the blue shut off valve handle perpendicular to the valve body and replace the Schrader valve cap. See Figure 6.

11. This completes the winterization process for your Q360+ in floor system.

NOTE

Blue Square recommends repeating steps 9-11 during a monthly service call throughout the winter. This will ensure the system maintains adequate pressure to prevent pipes from freezing near the surface.

Spring Startup

Goal: To restore the Q360 In-Floor System to proper function after the winter season.

1. When it comes time to do the spring start up and remove the winterizing kit, you simply reverse the process.
2. Remove the Schrader valve cap by unscrewing it from the valve stem.
3. Depress the poppet stem to remove all air from the line.
4. Remove the brass nut, band clamp, and lid from the Q360 valve body.
5. Depress the poppet stem on the winterizing plug to release the pressure.
6. Reinstall the gear cassette, turbine, lid, and band clamp. Secure it with the brass nut.
7. Your Q360+ in-floor system is now ready for use.

NOTES

For customer service or support:

For on-line support: www.bluesquaremfg.com

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