



PERFORMANCE BULLETIN

 Product Application Service General

news from



April 18, 2001

Safety Brine Valve Float Assembly Alert

Per Pentair Water Treatment's corrective action procedures we have determined that a batch of recently introduced all-blue and all-red floats may leak air and fill with water under extreme conditions. Pressurized testing in the laboratory indicates that the float was not completely sealed during molding. The potential leak is unlikely to exist in normal usage

The blue floats (safety float used on our 2300 SBV) could fail to float precisely when operating as an overflow safety. This would only occur in the event of a power outage during the brine refill cycle or in combination with a leaking brine valve and could potentially lead to an overflow of the brine tank if it is not connected to a drain outlet. Replacement of installed all-blue floats should be on a preventative case by case basis depending on the nature of the installation.

The all-red floats (refill float) have a higher tendency to fail because they are consistently in contact with water when used as primary shut-off. In some cases, when used without a salt grid, the red floats may be under water once the salt has dissolved to maximum concentration. This will increase the level in the brine tank by 12.5%.

“This is a preventive alert ”

We have taken the necessary steps to return to our previous source of blue/white and red/white floats and develop more stringent testing procedures and sourcing standards.

We will exchange all blue and red floats, regardless if they failed or not, and are prepared to ship new ones starting immediately.

As always, thank you for using Fleck controls.

Sincerely,
Pentair Water Treatment

Jay Runkle
Technical Product Support