



## Fresenius Medical Care

# Fresenius Medical Care North America Service Bulletin

Equipment: GranuFlo® II  
Bulletin: 10-GRN-001 Rev B  
Subject: Valve Chatter/Tank Overfill (Update)

Originated By (Dept.):	Reviewed By	Approved By	Effective Date
J. Fox (TSD)	Kenneth Cogswell	CN041680	2/24/2012

Distribution: Dir TS (B. La Bier), TS Mgr (K. Cogswell), Dir QS (M. Owen), QE (J. Huang), Eng (C. Woods), QC Mgr (D. McKenzie), Prod Mgr (G. Reny),  
Dir FMS Biomed Svcs (P.E. Smith)

### 1.0 PURPOSE

To inform all Field Service and Technical Support personnel of a GranuFlo® II software update and an inlet water valve replacement to eliminate the possibility of inlet water valve chatter and the potential of overfilling the tank due to leakage through the valve. This Service Bulletin replaces FSB# 06-GRN-003.

### 2.0 SCOPE

Under certain pressure and valve combinations, the process of closing valves may cause the inlet water valve to chatter or not close tight allowing leakage through the valve. To eliminate these issues, Fresenius recommends updating the software to version 2.7 or later, confirming the inlet water pressure does not exceed 60psi and as a last resort upgrading the inlet water valve to a new style.

### 3.0 PROCEDURE

The process of resolving the valve chatter and/or tank overfill in the GranuFlo® II is outlined below in a three step process:

1. Update the software to version 2.7 or later. The update requires the replacement of the software chip on the control board behind the keypad/display panel. The software chip is available by contacting Fresenius Spare Parts\* and ordering part number 160010. The installation process is outlined in the Fresenius Service Bulletin 05-GRN-004 which can be found on the Fresenius Website at the following link:  
<http://www.fmcna.com/fmcna/GranuFloMachineBulletins/granufloMachinebulletins.html>
2. Confirm the inlet water pressure does not exceed 60psi as outlined in the GranuFlo® II inlet water specifications.
3. Upgrade the inlet water valve. An upgraded inlet water valve and installation instructions are available as a kit by contacting Fresenius Spare Parts\* and ordering part number 160125.

\* Fresenius Spare Parts: 800-227-2572

If there are any questions regarding this bulletin, contact Technical Support at 800-227-2572

© 2010 - 2012, Fresenius Medical Care North America, All rights reserved.