

## TECHNICAL TIP

**Product:** Viper

**Subject:** Syrup and Water Check Valves PN: 560002991

**Date:** June 15, 2020

Revised: 3-12-2021

### Description of Potential Issue:

Check Valve, PN: 560002991, internal ball may dislodge and block either the valve outlet or the upper elbow fitting on the 3-way brix valve. This issue results in Brix imbalance or the barrel leans out and results in motor stall. The PN will remain the same but you will receive the updated version.

**Serial Number Range Affected:** 62X1908VPXXX thru 62X1938VPXXX

### Corrective Action:

Follow standard troubleshooting procedures to identify brix stability issues, if no issues found proceed to:

Does the check valve have a silver label with Red arrow or “Chudnow” on the label,

- if Yes:

- Inspect the Check Valve for flow
- Remove and replace the check valve – if faulty
- Flush / Sanitize the System
- Clean Barrel

It may also require replacement of the 3-way valve and or the John Guest fitting depending on where the ball is lodged.

### Additional Info:

Not all of the units in the serial number range will have the suspect “Chudnow” check valves. Chudnow provided less than 25% of the check valve used during this time. See below for visual aid to identify the affected check valve.

### Conclusion:

If the unit is within the SN range above and has a faulty “Chudnow” check valve installed, then replace all “Chudnow” syrup and water check valves in the Viper, then flush and sanitize the system.



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Supplier	Markings	Product Finish
<b>Chudnow</b> <b>(Replace if found within SN range)</b>	<b>Silver Label with Red Arrow</b>	<b>Hex Bar Stock</b>

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