

Design Change Notification

Date: 4/11/2019

Document #: DCN-122 – MicroBulk Storage Systems

Subject: Upgraded PB Return components on Perma-Cyl VHPs

Products Affected: All Chart Perma-Cyl 2000VHP and 3000VHP MicroBulk Storage Systems

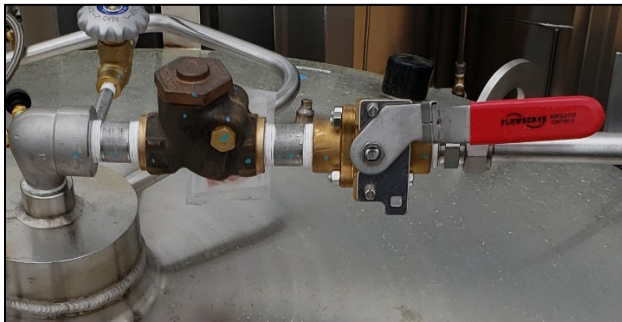
Description: Beginning in March of 2019, Perma-Cyl 2000VHP & 3000VHP’s will have a different PB Return check valve and an added isolation ball valve. The check valve will be upgraded to a more robust design with a lower minimum temperature rating. The isolation valve is being added to service the external vaporizers and corresponding components. Both new components have CRN’s, use oxygen compatible components and lubricants and are cleaned for oxygen service.

Pictures:



Previous Check Valve

Previous Part Number	Description	Manufacturer
11656072	VALVE CHECK BRS 1”NPT	Nibco



New Check Valve and Ball Valve

New Part Numbers	Description	Manufacturer
21354220	VALVE CHECK BRZ 1”NPT	Rego
21354248	VALVE BALL BRS 1”NPT	Worcester

Contact: If you have questions or concerns relative to this action, please contact your Chart Customer Service Representative at (800) 400-4683. Thank you for depending on Chart to provide high product quality and service.