

Design Change Notification

Date: August 4, 2020

Document #: DCN-128 — Cash FRM-2 Replacement with Generant back pressure regulator

Subject: Cash FRM2 regulators that are currently used on low pressure MicroBulk tanks will be replaced by Generant back pressure regulators.

Background: Chart is currently using Cash FRM2 regulators that vent to atmosphere in order to maintain low pressures in MicroBulk tanks plumbed for liquid applications. As a result of customer feedback on excessive noise when venting, Chart is replacing these FRM2 regulators to a quieter Generant back pressure regulator (BPR) for liquid applications. These Generant regulators were developed specifically for Chart and have been successfully used on Dura-Cyl tanks since January 2018.

Products Affected: All standard Perma-Cyl models that are set up for liquid applications (35-04, 125-04, and 35-07 plumbing options)

Note: FRM2 regulators that are used in standard economizer applications that do not require venting to atmosphere will not be replaced at this time.

Description:

Plumbing Option	Old P/N	New Generant PN/Description	Spring Range
35-04	11696795	21476221- REGULATOR BRS .250NPT @ 36PSIG	15-65 psi
35-07	21093249	21476221- REGULATOR BRS .250NPT @ 36PSIG	15-65 psi
125-04	2110082	21192082- REGULATOR BRS .250NPT @140PSIG	50-175

Pictures:



Figure 1: New Generant BPR



Figure 2: Old Cash FRM2

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.