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Gilmore 44577 and 44577-3 Regulators: Flow Performance Upgrade

Gilmore Valve recently learned of flow performance and response time concerns for certain field applications that are using 44577 and 44577-3 Regulators. *Customer concerns have arisen only when regulating pressure from 5,000 or 3,000 psi down to 1,500 psi with these two Regulator models. Other 44577 Regulator models in the series are not affected.*

In applications where Gilmore's 44577 and 44577-3 Regulators appear to be inconsistently performing or not achieving your system performance requirements we recommend the following options that might suit your particular needs:

1. Purchase and install Gilmore Part Number 44579 CK into the 44577 or 44577-3 Regulator. The 44579 CK is now readily available from Gilmore and the kits enable field service and installation by trained field technicians, just as any other Gilmore Regulator repair kit or seal kit.
2. Exchange any Gilmore Repair Kit Part Number 44577 RK that you may have in stock with Gilmore Universal Repair Kit Part Number 44550 RK. This new Universal Repair Kit will ensure that your 44577 and 44577-3 Regulators work optimally and consistently within their operating range going forward. Gilmore will exchange these part numbers at no extra charge through our standard RMA process.
3. Consider changing your system's Bill of Materials from Gilmore Regulator Part Number 44577 or 44577-3 to Gilmore Regulator Part Number 44579. Gilmore's Part Number 44577 Regulators are field-proven and have performed well for years in many different applications. However, field experience and testing demonstrate that the 44579 Regulators perform more consistently, have less dead band, and are able to provide more flow at higher average operating pressures than the 44577 or 44577-3. *Other 44577 Regulators in the series should continue to perform fine and Gilmore currently does not see benefit to replacing those other Regulators in the 44577 series with the 44579.*



In a related matter, Gilmore is now offering the following:

1. Universal Seal Kit Part Number 44550 SK that will replace Seal Kit Part Numbers:

44577 SK, 44577-3 SK, 44577-14 SK, 44577-88 SK, 44577-99 SK, 44577-99 SK,
44577-M15 SK, 44577-M15S SK, 44577-W15 SK, 44577-W15S SK, 44500 SK,
44579 SK, 44579-1 SK, 44579-2 SK, 44579-88 SK, 44579-89SK, 44579-97 SK,
44579-98 SK, 44579-99 SK 44579-H15C SK

These Seal Kits include ALL of the elastomeric seals required for ANY of the associated Regulators.

2. Universal Repair Kit Part Number 44550 RK will replace Repair Kit Part Numbers:

44577 RK, 44577-3 RK, 44577-14 RK, 44577-88 RK, 44577-99 RK, 44577-99 RK,
44577-M15 RK, 44577-M15S RK, 44577-W15 RK, 44577-W15S RK, 44500 RK,
44579 RK, 44579-1 RK, 44579-2RK, 44579-88 RK, 44579-89RK, 44579-97 RK,
44579-98 RK, 44579-99 RK, 44579-H15C RK

Finally, Gilmore is concerned that you may have new, unused 44577 or 44577-3 Regulators in your spares inventory (not currently operating in a system) that may not perform as expected when placed into service in your current application. In this event, please contact Gilmore to discuss further action that might be considered for those specific Regulators.

If your need further information or clarification, please contact your Gilmore Sales Representative. We look forward to working with you toward further improving your system performance.

Regards,

Brian Kinsey
President
Gilmore Valve