



TOTALFLOW[®]

Technical Bulletin 75

**Volume Related PCCU and Host
downloads not Causing a
Volume Change in Flow
Computer**

Totalflow Technical Bulletin

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1. Purpose

To describe a situation that could cause the 6400 or 6700 Flow Computer's volume not to change after modifying certain constants with the PCCU and/or CCU software.

2. Description

Some older revision EPROMs will not reflect a volume change after modifying certain constants including orifice plate, analysis data, pressure and temperature base. This will only occur if the differential pressure or pulse rate is zero (0) during one or more of the changes listed above. This download can occur locally or remotely. The following 6400 and 6700 Flow Computer EPROM's are affected:

2015489-007 – 6700 Gas Orifice
2015490-009 – 6700 Gas Orifice with intelligent interface support
2015491-004 – 6700 Pulse Input
2015495-003 – 6400 Pulse Input
2015376-005 – 6600 Gas Orifice
2015494-005 – 6400 Gas Orifice
2017491-001 – 6700 Gas Orifice

The above EPROMs were shipped to customers during a small window from September 16, 1997 to November 10, 1997. All other EPROM's released before and after the ones listed above do not have this problem.

3. Conclusion

Workaround – Make sure the differential pressure is greater than the zero cutoff or there are pulses present on a pulse meter before making any of the changes listed above. If the meter run is not flowing gas, create some differential pressure or pulses.

AAI will replace any of the above mentioned EPROM's free of charge. For replacements, call (800) 442-3097 and reference this Technical Bulletin #75.