

Changes For HBLT Version 2.48

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This version makes the following changes:

1. Changed the volume correction process to allow increased accuracy near zero PSI. This allows users that are computing V/P (volume over pressure, compliance) to have more accuracy.
2. Corrected burst or leak results corruption that occurred when using the Smart Manifold in sequential mode. The problem was introduced in version 2.47.
3. Changed the minimum limit for the up burst rate setting when using Pressure Manager scripts to allow a value lower than the minimum leak span (15 PSI) when the leak rate is set to zero. This allows the ability to specify the published minimum up burst rate on HBLT models 25, 100, 250, and 500. HBLT tests still enforce the 15-PSI minimum leak span for all HBLT models.
4. Added the printing of the HBLT model number (maximum pressure) and normal vs. XV status on the HBLT version line in the report. This allows the determination of which HBLT model executed the test from the report text.
5. Changed both test and script processing to burp after burst or leak events for Smart Manifold operation. This solves a problem that left excessive pressure in the manifold that could affect the next opened port. This occurred on high pressure tests with slow burst rates that caused the current port to close its valve and then immediately opening the next selected ports valve (sequential operation). This problem was reported from the field.