

Why Mainstream Engineering no longer offers a liquid version of our patented Qwik System Flush®

by Robert P. Scaringe, Ph.D., P.E.
President of Mainstream Engineering Corporation,
Manufacturer of U.S. made QwikProducts®

Mainstream Engineering takes pride in developing high-performance American made QwikProducts™ that provide a "**Better Product at a Better Price.**" We will only manufacture QwikProducts that meet our strict performance, quality, and value standards.

The Qwik **System Flush**® patented formulation removes significantly more acid, impurities, and moisture than any other flushing product on the market. However, the excellent ability of Qwik System Flush to absorb and remove moisture from surfaces of a system being cleaned, also means that the Qwik System Flush is prone to significant moisture absorption from the air. During normal use, an unpressurized container of liquid flush will be exposed to air, which is not a problem when the product is used immediately. However, after the container is opened, or if the Qwik System Flush is stored in the liquid dispenser for long periods of time, then the Qwik System Flush can absorb large amounts of moisture. Over time, the moisture absorbed from being exposed to air reduces the effectiveness of the remaining Qwik System Flush. This is of course not a problem in the pressurized aerosol can because the QwikSystem Flush in the aerosol can (QT1100 – 2 lb can and QT1130 - 1 lb) is never exposed to air, except after the flushing process is complete. However, this was a problem with our QT1140, which was packaged in an unpressurized can for liquid fill applications, and therefore the QT1140 product has been discontinued.

Our liquid flushing agent tests have shown that the aerosol version of Qwik **System Flush**® is far superior to our discontinued liquid flushing product even though the flushing compounds are identical. This is in part because the flushing compound packaged in the pressurized aerosol can remains fresher, moisture free, and is far better atomized when delivered into the system with our aerosol delivery system. This holds true when comparisons with other liquid flushing products are made, that is liquid flushing products are inherently inferior to aerosol flushing products, and Qwik System Flush® has been demonstrated to be the best aerosol flushing product. Visit <http://epatest.com/flush/> to view the independent test results performed by both an independent professional testing laboratory and a university laboratory. Since you only need to flush lines sets or systems, until the flushing product exits as a clear

stream, this also means the Qwik System Flush in the pressurized aerosol can is a far better value when compared to any other flushing product.

Since the Qwik System Flush aerosol flushing product is clearly a far more effective and economical product for system cleanup and line set cleaning, we could not in good faith continue to offer an inferior liquid flushing product. Therefore, Mainstream Engineering discontinued the manufacture of Qwik System Flush in the liquid fill can (QT1140).

Qwik System Flush® is a registered trademark and QwikProducts™ is a trademark of Mainstream Engineering Corporation, Rockledge, Florida and the flushing formulation is protected by US patents 7,566,409 and 7,736,537.
© Copyright Mainstream Engineering Corporation, 2014, All Rights Reserved