

# Betts Industries, Inc.

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## Engineering Bulletin 4-99

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Subject: Introduction of PAF 306-98 Manhole Assembly for Replacements on MC306 Tanks

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Betts introduces a new Surge Suppression PAF style manhole assembly, Model PAF 306-98, designed specifically for use as replacement on MC306 tanks. All current Betts' DOT406 Surge Suppression manhole assemblies are legal as replacements on MC306 tanks, but the PAF306-98 meets all current requirements for less than one liter surge leakage while offering the same set pressure, flow rating and height profile as the popular PAF9000 that was used on many MC306 tanks. The PAF 306-98 will come standard with a 6238 pressure/vacuum normal vent. Please note that the PAF 306-98 is not legal for use on DOT406 tanks.

49CFR180.405(h)(2) states: "After August 31, 1998, replacement for any reclosing pressure relief valve must be capable of reseating to a leak-tight condition after a pressure surge, and the volume of lading released may not exceed one liter."

If you have an MC306 specification tank with a PAF style pressure relief fill that needs replaced, you must upgrade to a model that meets the "less than one liter" surge requirement. Properly functioning pressure relief devices or units that are successfully repaired need not be replaced.

Non-Legal Models	Set Pressure	* Flow Rate
PAF 1000	3.0 psi	180,000 SCFH @ 5.0 psi
PAF 9000	3.0 psi	250,000 SCFH @ 5.0 psi
PAF 450	3.0 psi	375,000 SCFH @ 5.0 psi

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Available Replacement	Set Pressure	* Flow Rate
PAF 306-98	3.0 psi	250,000 SCFH @ 5.0 psi
Or		
PAF 406-98	3.63 psi	494,084 SCFH @ 6.25 psi

\* When replacing pressure relief devices, insure that flow rating for device is sufficient to protect tank.