



Technical Bulletin

Place a copy of this bulletin in the front of each Blueprints Manual.
Redline drawings as needed and include a TB reference note.
Reference TB implementation on site Action Item Box-chart and/or
site tool history management log.

Number: 022
Date Issued: 08/26/03
Expiration Date: 08/26/04

Subject/Key Words:	Low temperature filter housing mounting bracket upgrade kit			
Classification:	<input checked="" type="checkbox"/> Informational	<input type="checkbox"/> Mandatory	<input type="checkbox"/> Safety Alert	<input type="checkbox"/> PM Impact
	<input type="checkbox"/> Warranty Impact	<input checked="" type="checkbox"/> Purchase Parts	<input type="checkbox"/> No Charge For Parts expires ___/___/___. Reference this TB# when ordering NC parts.	
Applicable Akrion Procedures:	none			
Parts/Reference Documents:	224375-001 universal filter housing mounting bracket field upgrade kit. (All ECTFE materials)			
Attachments:	Diagram – see page 2.			

Issue: All low temperature single and dual filter housing assemblies are mounted with four screws per bowl - affixed to a tapped mounting plate which is in turn welded to a plenum side-wall supporting bracket. Reported field data has shown that some, not 100%, of the filter housing mounting plate-to-bracket welds have cracked.

Symptoms: Filter housings able to move (detached) with respect to the side-wall bracket(s).

Test/Validate: Inspect all filter housing mounts for secure welds. Plates that are not completely separated but can “hinge” back towards the plenum wall should be upgraded.

Solution: Replace bracket as needed (one per housing): Drain, flush, and remove filter assembly as needed. Remove original mounting plate, scrape/deburr old weld buildup flush, slide new mounting plate onto support bracket (slope side towards the wall), position and secure with the three screws. Re-install filter housing assembly and test for leaks.
As part of CIP, gussets have been added to new manufactured filter housing mounting assemblies. Refer to page 2 for a diagram of the upgrade kit application.

If you have technical questions or require more information, please contact Akrion Technical Support Department via e-mail at techsupport@akrion.com. Authorized service personnel can obtain copies of the latest Akrion procedures and controlled documents from the Akrion Document Control department at doccontrol@akrion.com. Customers must direct all inquires to their local Akrion field service representative. (Form QA1656F1AC)

