



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: 038
Date Issued: 02/01/04
Expiration Date: 02/01/05

Subject/Key Words:	Single and Double Column DI Water Heater, Spare Parts, Second Generation Solid State Relays, CC8-c Comparator Boards			
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:	Parts: 225939-001, 226040-001 Reference Documents: TB #37: Solid State Relay (SSR) Replacement Kits			
Attachments:	None			

Issue: Replacement spares parts are needed to service Single and Double Column DI Water Heater equipped with second generation solid state relays and CC8-c Comparator Boards

Symptoms: Failures of SSRs or CC8-c comparator boards.

Solution: The following Akrion part numbers must be used when ordering replacement parts for these components:

- **Second Generation SSR: Akrion Part Number 225939-001, KIT SSR REPL SGL DIW HTR .** Order quantity of 1 for Single Column heaters and quantity 2 for a Double Column heater.
- **CC8-c Comparator Board: Akrion Part Number 226040-001, DI COMP CKT CC-8c. (This board is compatible with first and second generation SSRs, but not with mercury relays.)**

Note: All SSRs must be replaced at the same time. Always use Akrion supplied parts only.

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)