



# Refrigerated Rail Leak Inspection Procedures

Service Instruction 12-5035

Service Agency \_\_\_\_\_ Technician \_\_\_\_\_ Date \_\_\_\_\_  
Customer \_\_\_\_\_ Phone # \_\_\_\_\_  
Site Contact \_\_\_\_\_ Title \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Model Number \_\_\_\_\_ Serial Number \_\_\_\_\_  
Arrival Time \_\_\_\_\_ Completion Time \_\_\_\_\_

## Verify The Following

	Inspect the interior and exterior rail area for any perforations, screws or exterior mounted hardware to be sure an "add-on" component did not cause the possible failure.
	Locate the machine compartment at the end of the suspect unit and access the refrigeration components from the hinged or removable louver.
	Cut refrigeration lines approximately 3" from the inlet and outlet of the rail.
	Be certain there are no components attached to the refrigeration lines, TXV, solenoids, all items need to be removed so that the rail lines are isolated.
	Solder a cap to the discharge line as it exits the rail compartment.
	Attach a Schrader valve to the suction line as it enters the rail compartment.
Pressurize the rail with 200lbs of nitrogen.	
Record pressure. Take a picture.	
Record date & time	
	Verify that newly added Schrader, cap and gauges are not leaking. Soap and bubbles as well as a leak detector must be used to verify there are no leaks.
	Take a picture showing both refrigeration lines and all components completely isolated from system. Gauges must be attached to line at time of picture.
	Watch gauges for loss of pressure. If none, leave gauges on and let sit for 24 hours.
After 24 hours or pressure loss take a picture of gauge and record end pressure.	
Record date & time	
	Take a picture showing the data tag.

## Info required to process:

1. Pictures of refrigerant lines going to rail isolated from unit with gauges hooked up.
2. Picture of gauge with 200lbs of pressure in the system.
3. Picture of gauges after 24 hours or showing more than 10lbs of pressure loss.
4. Picture of data tag.
5. E-mail form and picture to Delfield Service Technician.

Contact the Delfield Service Department at (800) 733-8829, if a rail leak is confirmed after following all of the steps to the left.

Please be prepared to e-mail the pictures upon request to the appropriate Service Technician at Delfield.

The unit will be inspected by the factory upon return. If a rail leak is not found, the Customer will be responsible for all costs incurred by the factory up to and including the cost of the replacement unit.

Please sign and date below confirming your acceptance of the above terms:

\_\_\_\_\_  
Service Technician Performing Inspection

\_\_\_\_\_  
Date

\_\_\_\_\_  
Customer

\_\_\_\_\_  
Date