



Service Bulletin

SR-030

DATE: June 19, 2008
TO: All Service and Parts Managers
SUBJECT: Leaking Service Valves on Split System Condensers and Heat Pumps

Goodman has received a few reports of service valves on Split System Condensers and Heat Pumps leaking over the winter months. Our investigation has found that the service valves on these units were turned out past the location specified in the Installation Instructions, along with the valve caps not being tightened during installation.

Our installation instructions (IO-258E and IO-259F) specify the following "Open each valve only until the top of the stem is 1/8" from the retainer. To avoid loss of refrigerant, do not apply pressure to the retainer." In both laboratory test at -40°F and with installed units, we have found that if the valve stem is turned out past the retainer ring, leakage can result. When the service valve is turned back in to the proper position (1/8" below the retainer ring), the leakage has subsided.

When installing split system condensers and heat pumps or inspecting previously installed units, ensure the service valve stems are positioned 1/8" below the retaining ring on the service valves as per the installation instructions, and tighten the service valves caps 1/6 turn (one flat on cap) past finger tight.

Technical Services Department • 1810 Wilson Parkway • Fayetteville, TN 37334
Main: 888.593.9988 • Service Fax: 931.438.2273