

**SUBJECT: Remote Condenser RCA Series**

**Number: 2018-17A**  
**Product: Remote Condenser**  
**Date Issued: November 14, 2018**  
**From: Technical Service**

It has come to our attention that there may be an issue with the mixing valve tubing assembly on the RCA condensers. This assembly utilizes a T-drill configuration.

The mixing valve tubing may have been inserted too far into the T-Drill joint causing a refrigeration restriction resulting in high head pressure. If high head pressure is experienced on machine start up, the tubing can be checked by measuring the tubing distance from the mixing valve tube joint to the tubing where the T-drill joint is brazed.

A correctly assembled mixing valve should have a dimension of  $\frac{3}{4}$  of an inch from the port fitting to the upper portion of the copper tubing.

If the measurement is less than  $\frac{11}{16}$  of an inch, it will cause a restriction and should be corrected by recovering the refrigerant and heating the T drill joint and reconfigure the joint to the correct dimension.

