

As your customer's **Indoor Air Quality Expert**, you have the opportunity to make sure every Aprilaire humidifier is operating just like the day you installed it by performing the following simple maintenance steps:

A. Disconnect Power and Turn Off the Water Supply to the Humidifier

B. Service Water Delivery System

Check for proper water delivery which ensures peak performance. **To make this process easy, we are now including an orifice and in-line strainer with each feed tube.**

1. Remove in-line strainer (on inlet side of solenoid valve) and replace it.
2. Remove feed tube (on outlet side of solenoid valve) which has orifice in it.
3. Replace feed tube and orifice assembly by inserting feed tube (with orifice) firmly into outlet side of solenoid valve. Tighten compression fitting.

C. Service Water Panel Evaporator Assembly and Replace Water Panel With a Genuine Aprilaire Water Panel

1. Remove scale control insert and clean by scraping out minerals and flushing it with clean water.
2. Clean water distribution tray by scraping out minerals in v-shaped notches. **Do not remove granular coating in base of water distribution tray.**
3. Replace Water Panel and snap water distribution tray back on to scale control insert.
4. Insert Water Panel assembly at base of unit making certain it is seated in drain spud properly and then secure top of Water Panel assembly by snapping it into place.
5. Check feed tube to make sure it is firmly in feed tube nozzle or water distribution tray (depends upon model).

D. Replace/Clean Drain Line

1. Carefully remove drain line from bottom of unit, flex the drain line and flush with clean high pressure water. If mineral build-up still exists, replace the drain line.

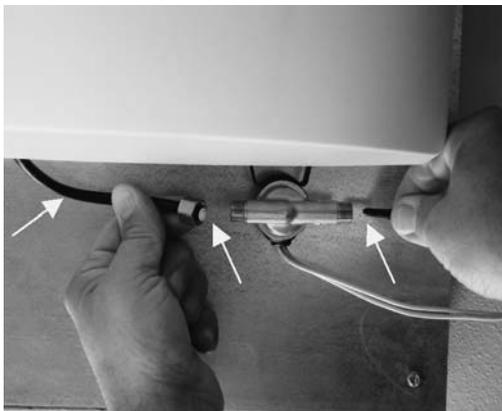
E. Check for Leaks and Confirm Operation

1. During heat call, activate humidistat as follows:
Automatic Humidifier Control- Note the original setting and turn humidistat dial to "test mode" (unit will operate for 1 minute). Manual Humidistat- Note the original setting and turn dial to the left of the click point to activate the humidifier.
2. Check fittings on inlet and outlet side of solenoid valve and drain line connection for leaks.
3. After confirming the unit is water tight, reset the humidistat to its original setting.

F. Customer Reminder for Future Service

1. Attach Form No. 141 Water Panel Change Plenum Sticker on the plenum with your company name, address, phone number and next service date to remind your customer to contact you when the next service is needed. (This can also be used for Aprilaire Air Cleaner replacement filtering media).

STEP 1: Check orifice, in-line strainer and feed tube. Replace if necessary.



STEP 2: Remove Water Panel/scale control insert assembly.



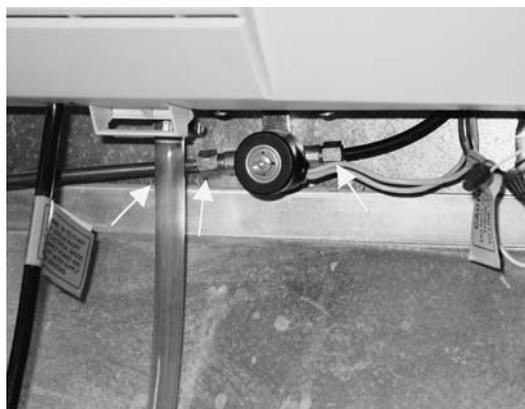
STEP 3: Clean or replace scale control insert. Replace Water Panel



STEP 4: Remove drain line and clean or replace.



STEP 5: Check for leaks.



STEP 6: Update Form No. 141 for when next service is needed.

