



**FIELD CONTROLS**

# APPLICATION NOTE

AN-127

INSTALLATION INSTRUCTIONS & OWNER'S MANUAL  
Water Hammer Arrestor

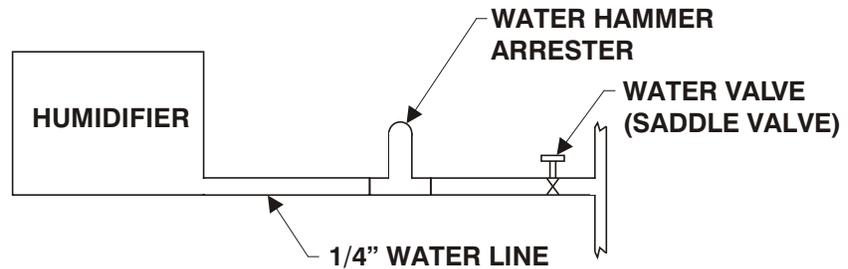
Field Controls Humidifiers  
Water Hammer Arrestor

### Parts List:

- \* Water Hammer Arrestor #WH 100
- \* 2 - 1/4" brass compression nuts
- \* 2 - 1/4" brass ferrules
- \* 2 - 1/4" plastic ferrules

### Required tools and materials:

- \* Adjustable wrenches
- \* Tubing cutter



**Water Hammer is the term used to define the pounding noise or vibration that occurs in a water line, due to the fast closing action of electric solenoid valves or similar water flow control devices.**

**Installation of a water hammer arrester will cure this problem and allow your humidifier to work quietly and efficiently.**

1. Identify a suitable location to install the arrester.
2. The preferred location of the arrester is on a horizontal or vertical section of the 1/4" water line close to the humidifier. Approximately 6-12 inches from the connection to the humidifier.
3. Unplug the humidifier, and turn off the water supply to the humidifier.
4. Cut the water line, 1/4" copper or plastic tubing.
5. Slide the 1/4" brass nuts and ferrules onto each end of the water line.
6. Use the plastic ferrules if installing the arrester onto plastic tubing.
7. **CAUTION:** provide support for plastic water lines which cannot handle the weight of the water hammer arrester.
8. Install the water hammer arrester and tighten the connections. **DO NOT OVER TIGHTEN.**
9. Turn on water supply, and plug the humidifier back in.
10. Inspect for water leaks and observe humidifier operation.
11. **Congratulations ! You have successfully installed the water hammer arrester.**