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 ¼” 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.