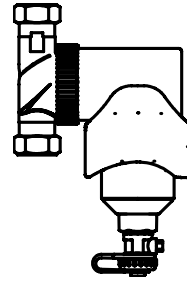




SPIROTRAP® INSTALLATION and OPERATION INSTRUCTIONS ***TDN JUNIOR DIRT SEPARATOR***

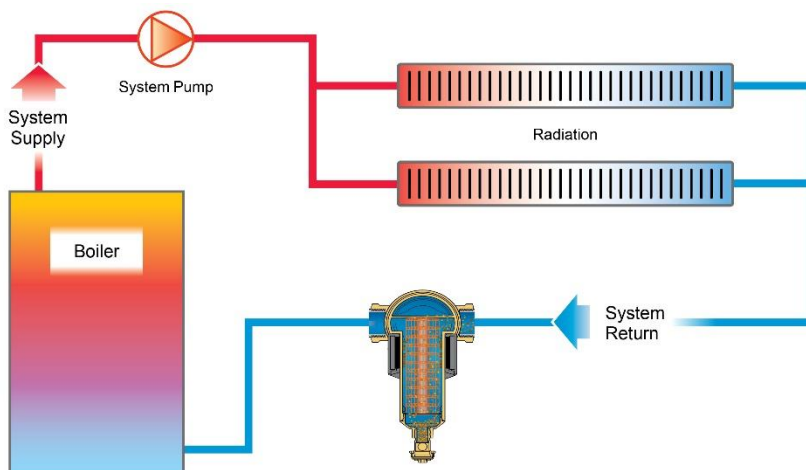


SAFETY INSTRUCTION

This safety alert symbol will be used to draw your attention to safety related instructions. When used, this symbol means Attention! Your safety is involved! Become Alert! Failure to follow these instructions could result in a safety hazard!

INSTALLATION INSTRUCTIONS

It is recommended that the Spirotrap be installed upstream of the system components that are affected by the dirt in the system. It does not take the place of a system strainer and should be installed after that component to ensure no large construction type debris enters the unit.



TDN models may be installed in horizontal or vertical piping. Rotate the adjustable connection such that the flow is in the direction of the arrow. "X" pipe diameters of straight run before and after the unit are not required.



WARNING! Water Temperatures above 100°F can be very hazardous. Keep body away from connection while open. Failure to follow these instructions may cause serious bodily injury or property damage.

SERVICE INSTRUCTIONS


The Spirotrap does not normally require maintenance and includes no moving.

Periodically, with the circulating pump turned off, pull the magnet straight down from the unit to release any ferrous material collected. Subsequently open the ball valve on the bottom of the unit to purge debris from the collection chamber. Use the square head on valve cap as the key. A

container should be used to catch any debris. After flushing is completed, close the ball valve, and re-install the magnet until it clicks in place.

Frequency of purging is system dependent based upon degree of sediment in the system. Frequent purging is recommended right after installation and then scheduled as needed as the systems clears.

Units with optional removable head can be disassembled and the tube bundle removed for inspection or cleaning. The removable head is a user-specified feature and frequency of inspection and/or cleaning is user or system dependent.

 **WARNING! System fluid under pressure can be very hazardous. Before removing the unit head, reduce system pressure to zero, or isolate the Spirotrap from the system. Allow the system to cool to below 100°F. Failure to follow these instructions may cause serious bodily injury or property damage.**