



City of Redmond
Fire Prevention Division
***Residential Sprinkler System
Homeowner Information Bulletin***

Basic Operation

The fire sprinklers in your house are connected to water-filled pipes that are installed inside your walls and/or ceilings. Any pipe that runs through the attic has been carefully insulated to prevent freezing. You may have noticed that there are not sprinklers in every area. The design standard for your system does not require sprinklers in every area of your house.

If a fire occurs in your home, the temperature level in the area of the fire will increase. If the temperature at the ceiling exceeds the rating of the sprinkler head (usually 155° F.) the sprinkler head, and only the sprinkler(s) that have been sufficiently heated, will activate. Activation of a single sprinkler head will discharge water in a specially designed pattern to extinguish the fire or confine it to the area of origin.

Periodic Maintenance

The homeowner is responsible for the proper maintenance of the system. The following minimum maintenance should be performed monthly to help ensure proper operation of the system.

- 1) Visually inspect each sprinkler head for damage or any obstruction of the sprinkler. Keep storage at least 12 inches away. NEVER paint sprinkler heads. They may or may not operate when they are needed.
- 2) Inspect all valves to see that they are open.
- 3) Test the water flow switch and exterior bell. Slowly open the sprinkler drain valve until you can hear the bell ringing, then slowly close the drain.

If a leak is detected in the system, shut off the water supply to the sprinkler system (location noted on the next page.) Call for immediate service.

System Activation

If the sprinkler system activates because of a fire, evacuate the house immediately and call 911. A bell is located on the outside of your house that will sound when water is flowing through your sprinkler system. The sprinklers may also be connected to a security system for notification of your monitoring service. You should ask your neighbors to call 911 immediately if they hear the bell ringing when you are not at home.

For additional information, please call the installation company. Keep a record of your installation company near your systems riser and control valves.