



Fire protection

## Description and installation

- The retard chamber is a water tank used to limit false alarms. When the clapper of the wet alarm valve is opening, water flows in the trim and enter in the retard chamber before running the water motor gong and the pressure switch. One part of the water is drained through a reduced orifice. Then there is two possible situations:
  - If discharge is continued and due to a sprinkler activation, it will be larger than the water able to go through the reduced orifice. The retard chamber is filling and once full, alarms will be activated.
  - If discharge is limited or due to pressure variations in the system, water is going to be drained through the reduced orifice before the retard chamber be filled. Alarms will not be activated.
- The retard chamber is usually installed on wet alarm valves connected to water supply subjected to pressure variations.
- Maximum working pressure: 12 bars
- Inlet and outlet connections 1/2"
- Installation must be done according to wet alarm valves trims drawings available from our brochures or in accordance with the Authorities having jurisdiction.
- Accessory: reduced orifice 3.2 mm