



Dry System

Model F-1 Dry Pipe Valve

When a sprinkler (1) opens, loss of air pressure in the system allows the dry valve clapper (2) to open, filling the system with water. To speed the opening of the dry valve in large systems, an accelerator (3) can be added. An integral anti-flood device protects against accelerator flooding. Water flow from the intermediate chamber of the dry valve can cause a pressure switch (4) to activate an electric alarm and/or operate a mechanical water motor alarm.