

Rain Director® header tank

- A. Rain water supply pipe. Routed to the bottom of the tank, to reduce turbulence or splash.
- B. Mains water supply. To provide the air gap required by U.K. building regulations, it flows into the tank from above the surface of the water.
- C. Ball cock valve prevents overflow of the mains water flow even when there is no power.
- D. Level sensors at the top and bottom of the tank control, via the microprocessor logic and the solenoid valves, the supply of water to the tank.
- E. Overflow tower is a large, open-topped, watertight cylinder whose top is below the top of the tank. If all other systems were to fail, water flows over the top of the cylinder and out.
- F. 40mm overflow pipe. The large diameter overflow tower provides the head and the impulsion to ensure high volume flow through the overflow pipe, thus reducing to a minimum the risk of any overflow through the air gap (G) into the roof space.
- G. Air gap in the back wall of the tank as required by WRAS and BS EN13077: 2003.
- H. Feed pipe takes water from the tank to be used around the house.

