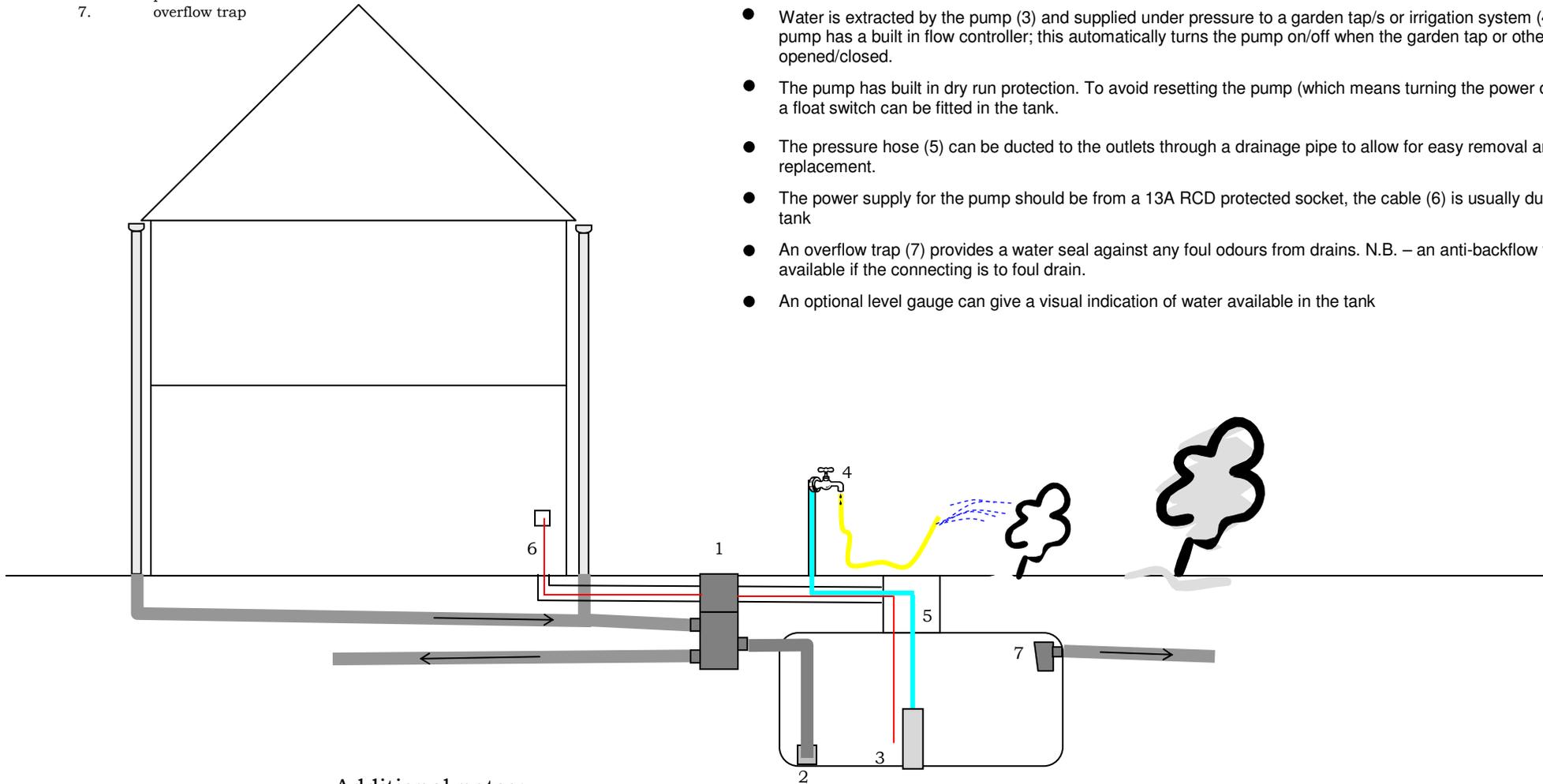


1. WFF filter
2. calmed inlet
3. Beta pump
4. outlet
5. pressure hose
6. power cable
7. overflow trap



- Rainwater is collected from the roof drainage system by the Wisy WFF filter (1). This filters out the debris from the water and diverts about 90% of it into the storage tank. The remaining water goes to soakaway or storm drain in the usual manner, as does the excess water from the tank. As water enters the tank it passes through a smoothing inlet (2) which calms the flow of water and prevents disturbance of any sediments.
- Water is extracted by the pump (3) and supplied under pressure to a garden tap/s or irrigation system (4). The pump has a built in flow controller; this automatically turns the pump on/off when the garden tap or other outlet is opened/closed.
- The pump has built in dry run protection. To avoid resetting the pump (which means turning the power off then on) a float switch can be fitted in the tank.
- The pressure hose (5) can be ducted to the outlets through a drainage pipe to allow for easy removal and replacement.
- The power supply for the pump should be from a 13A RCD protected socket, the cable (6) is usually ducted to the tank
- An overflow trap (7) provides a water seal against any foul odours from drains. N.B. – an anti-backflow version is available if the connecting is to foul drain.
- An optional level gauge can give a visual indication of water available in the tank

Additional notes:

- a) The pump is shown supplying a dedicated tap; we recommend an additional tap from the mains supply is provided. The rainwater tap should be clearly identified.
- b) If the pump is required to supply at low flow rates (e.g. dripper system or mist unit) we recommend the addition of a pressure vessel.
- c) If a mains water top-up is required please see the separate instructions. Also please allow in the groundworks for the top-up water to flow from the building to meet the pipe carrying filtered rainwater (between the filter and tank).