

Typical applications are water supply systems and rainwater systems in

- single-family houses
- blocks of flats
- summer houses and holiday cottages
- horticulture and gardening
- agriculture.

Liquids

Clean, thin, non-aggressive and non-explosive liquids without solid particles or fibres that may attack the unit mechanically or chemically.

Examples:

- municipal water
- rainwater.

Examples of applications

PM 1 or PM 2 installed in connection with an SQ pump

When the PM unit is installed downstream from the pressure tank, the SQ pump is started immediately when a tap is opened. This means that the pump is started when there is a flow. In this way the pressure tank compensates for the pressure drop to be expected when the pump starts. The pump takes a few seconds to reach full speed, i.e. pressure.

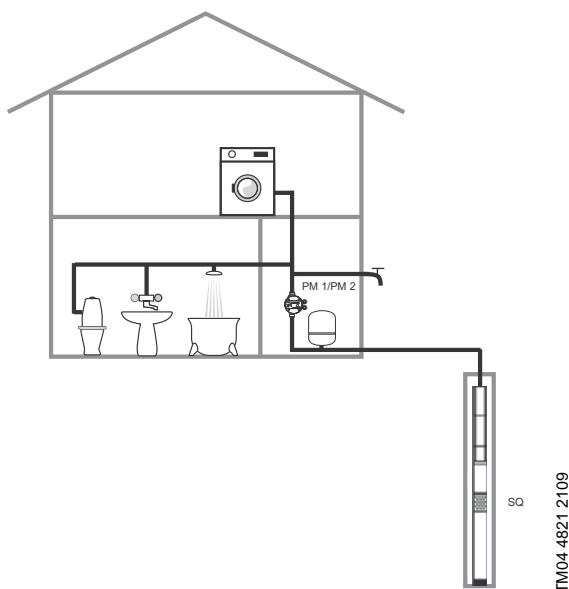


Fig. 5 Water supply from a borehole – typically at depths exceeding 8 metres

PM 1 or PM 2 installed in connection with a JP pump

The PM unit and the JP pump constitute a small waterworks. The pump will be started whenever water is consumed, due to the pressure drop. If the water level in the well drops from time to time, the pump may run dry. In this case, the PM 2 can be used with the auto-reset function enabled. Then the water supply will automatically be re-established when the water level rises again, and the pump is thus able to reprime the suction line.

Note: The same function can be achieved if the pump is drawing water from a break tank as long as the pump is able to self-prime.

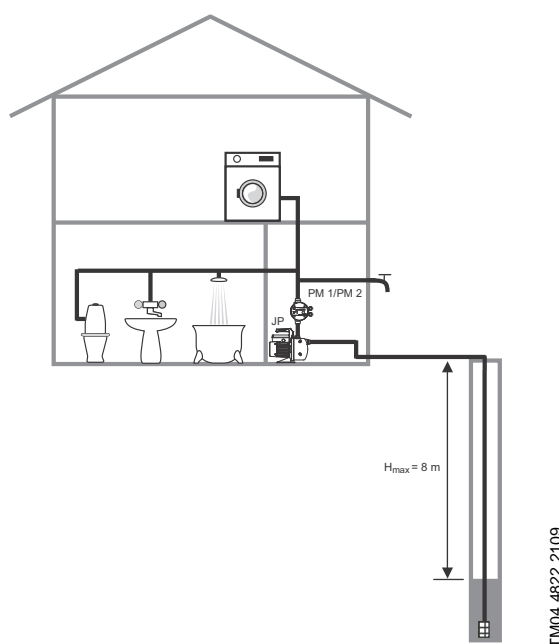


Fig. 6 Water supply from a well – typically at depths down to 8 metres