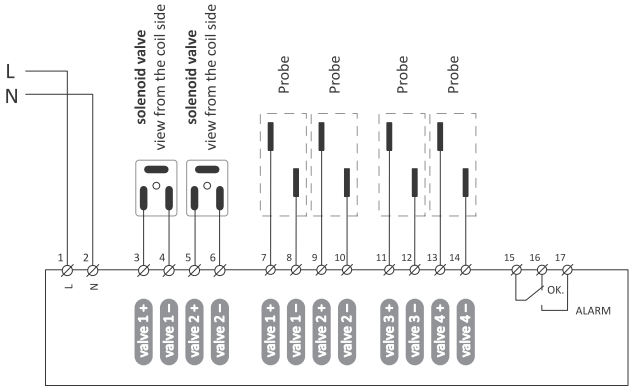
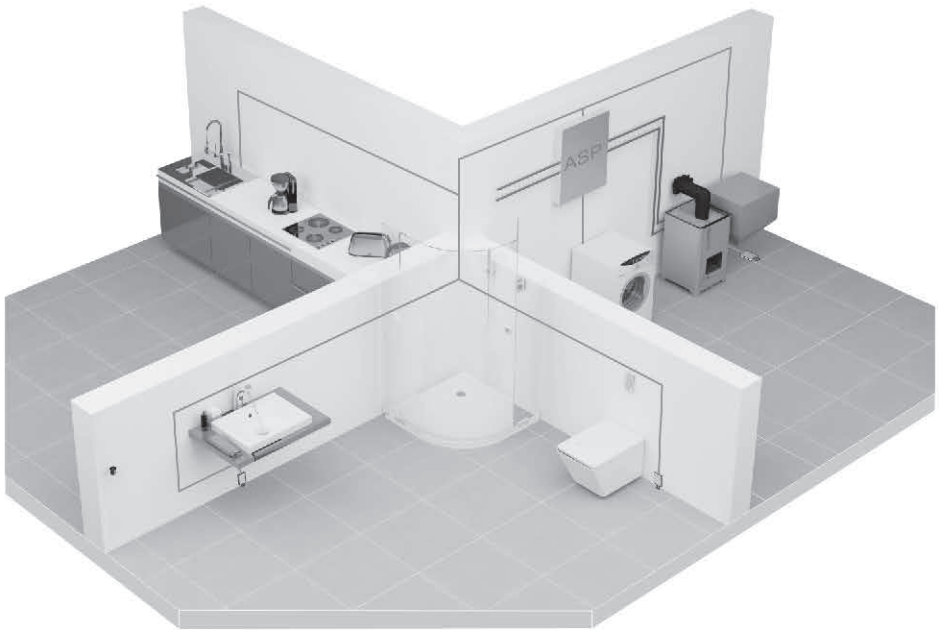
Automatic Anti-flood System (ASP)

Purpose

The Automatic Anti-Flood System (AFS) is an autonomous system to prevent flooding of single and multi-family residential buildings. It is used to comprehensively protect property from the effects of flooding.







Functions

- Detection of leaks and spills;
- Cutting off the water supply to the facility;
- Notifying the user about the situation;
- The bistable solenoid valve remains closed after the power supply is cut off;
- The solenoid valve coil is not permanently powered (power supply at switchover);
- Own emergency power supply;
- It can be integrated with alarm and fire protection systems.

System elements

- Distribution box containing: central controller SAM-01, protection of electrical circuits and a battery to support the operation of the system at short power outages.
- Solenoid valve size 1", 2", 3/4" or 5/4" – 1 piece
- SON-K flood probe for boiler room – 1 piece
- SON-M flood probe for living quarters – 2 pieces



SAM-1
multifunctional controller
for AFS system management



Solenoid valve to shut off
the water supply to the object
(1", 2", 3/4" or 5/4")



SON-K
Flood probe
(surface mounting)



SON-M
Flood probe
(flush-mounted)