

## Savant AS-413AQ, Leak Controller with Shut Off Valve

SAVANT ELECTRONICS INC.

2088-3, Sec.1. Huanzhong road, Taichung 40761, Taiwan

Tel : 886 4 2425 5578 Fax : 886 4 2425 0396

Email : [savantco@ms65.hinet.net](mailto:savantco@ms65.hinet.net)

Website : [www.digisavant.com](http://www.digisavant.com)

### Features :

- ☐ Auto shut off water when water leak is detected
- ☐ Battery operated, no external electricity power needed
- ☐ Auto shut off and alarm when battery power is low
- ☐ Easy installation, no tool needed
- ☐ Protection for property lost caused by water leak of the residential water filter, water softener, water dispenser and water cooler



### 1.0 Specification :

Operating voltage : 9V DC (**alkaline battery only**)

Supply current : typical 1 mA, maximum 15 mA.

Cable length : 1.5 M for solenoid valve cord

Connecting : 3/8" OD quick fitting

Water leak detecting method : Control unit with detecting metal put on the floor near water filter

Environment temperature : -20 ~ 80°C

Maximum Pressure : 6 Bar

Mechanism :

### 2.0 Operating instruction

#### 2.1 Installation :

Install the proper fitting with the solenoid valve. The thread of solenoid valve is 3/8" OD quick fitting.

The solenoid valve must be installed at the front end of the water filter, water dispenser or water cooler.

#### 2.2.Reset to work

Keep pressing button for 4 seconds, the leak controller activates solenoid valve to turn on.

The leak controller will generate a long beep sound.

#### 2.3 Auto shut off when water leak is detected

The leak controller shuts off water and generates an acoustic signal, "beep-beep" , and blinks the blue light continuously to notify the water leak is detected. After the leakage problem is solved, keep pressing button for 4 seconds, the leak controller turns on water again with a long beep sound.

## 2.4 Low power alert and shut off

When the battery power is low, the leak controller blinks red light and generates an acoustic signal

“beep” sound continuously to notify user to replace the battery with a new 9V alkaline battery. User needs to change the battery immediately to keep the leak controller functional. The leak controller may also shut off water. It depends on the battery power. After replacing with a new 9V alkaline battery, the alert will be released. Pressing the button for 4 seconds to turn on water again if the water is shut off.

