

# Water Leak Detection/Ball Valve Control System

SC906ZB PVC Ball Valve Controller

SS901ZB Water Leak Sensor



**The SALUS SC906ZB Ball Valve Controller integrates with existing Spears® CWV PVC ball valves and the SS901ZB Water Leak Sensor to prevent water leak catastrophes**

- Compatible with SALUS Smart Home application on your Smart Device or PC
- No need to drain the water supply system to install the controller
- SS901ZB Water Leak Sensor is battery-operated & waterproof
- Multiple Water Leak Sensors can activate a single valve
- Override the SC906ZB Controller mechanically or electronically directly at the valve

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## Description and Features

- Communicates with SALUS Smart Home automation system
  - Automated water flow shutoff
  - Status monitoring
  - Wireless firmware updates
- SC906ZB Ball Valve Controller works with existing Spears CWV PVC 3/4" and 1" ball valves
  - Powerful motor with up to 65 in-lb of torque\*
  - Closes in 15-20 seconds
  - Stays connected to SS901ZB Sensor without internet connection
  - Operates with line voltage adapter or battery power
  - Local status LED / Local Manual Override
- SS901ZB Sensor
  - Can be installed with or without the included mounting bracket
  - Supplied with a 6-foot (2 meter) extension cable for hard to reach locations.

## System Overview



## Specifications

### Controls:

- SC906ZB Ball Valve Controller:
- Manual Override
  - Multi-function (Pairing/Reset) button

### Indicators:

- SC906ZB – Status LED  
 SS901ZB – Status LED

### Power:

- SC906ZB: 120 vac/60 hz or (3) C-Cell Batteries  
 SS901ZB: CR2 3 vdc lithium battery

### Torque:

- SC906ZB: 65 in-lb\*  
 \* The torque required to operate ball valves varies valve to valve and across different manufacturers. Each valve must be tested in its installed state to insure proper operation

### Radio:

802.15.4 (2.4 GHz), Zigbee HA1.2-based protocol

### Environmental:

Operating: 50 - 122°F, 10 - 50°C, < 95% RH, non-condensing  
 Storage: -4 - 140°F, -20 - 60°C, < 95% RH, non-condensing

### Agency Compliance:

FCC, Industry Canada

### Compatible Devices:

SG888ZB Basic Gateway

**Note: Specifications are subject to change without notice**

## Ordering Information

Ball Valve Controller		
Model	Single Unit UPC	Carton GTIN
SC906ZB	817989023148	10817989023145
Water Leak Sensor		
Model	Single Unit UPC	Carton GTIN
SS901ZB	817989020307	10817989020304

