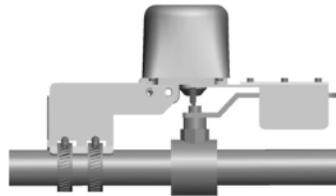


## Z-Wave Auto Valve 7G plus2

Water valve, electric valve arm, gas valve



### Foreword:

Welcome to choose our product. This Auto Valve is applied with Z-Wave technology and compatible with all Z-Wave network. Every Auto Valve can work as signal repeater, therefore all the devices form into cellular network and generate multi-routes.

This product can be included and operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and/or other applications. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

Model No. ZW101

Rated voltage 12V/1A

Communication technology Z-Wave plus

Communication frequency 908.42Mhz / 868.42Mhz

Wireless range (sight of line) 100 M

Valve pressure 1.6 Mpa

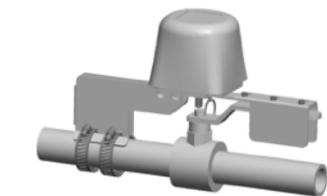
Valve size 1/2", 3/4", 1", 1.25", 1.5"

Close time 5~10 seconds

Open time 5~10 seconds

Torque 30~60 kg.cm

Accessories 12V/1A power adaptor, hardware accessories



Add/Delete button: the red button on the upper-front side. Press hold 1 second and release it is sending NIF signal, make sure the Z-Wave controller in the rang for inclusion or exclusion.

Notice: It is recommended to keep the device within 1 meter to the controller during Add/Delete operation. If the controller has not received the signal, please repeat again.

### Reset to default:

Press and hold the button 10 seconds and release the button. The device will send the reset notification to the list node in the group 1 and erases the device memory, when the light ash it is resetting success.

### Association capabilities

If setting the association, this valve may send the Switch\_Binary\_report to the node. Group 1-Lifeline can set and support 5 nodes. (Group 2~5 is not support)

### Smart Start function:

Enter the DSK code in the controller, the controller must have support SmartStart function.

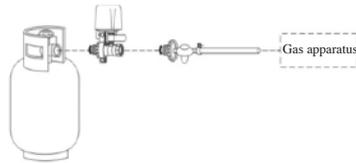
Power on the device it will send auto inculcation, it don't press anything on device and controller.

COMMAND\_CLASS\_ZWAVEPLUS\_V2  
COMMAND\_CLASS\_BASIC  
COMMAND\_CLASS\_VERSION  
COMMAND\_CLASS\_MANUFACTURE\_SPECIFIC  
COMMAND\_CLASS\_DEVICE\_RESET\_LOCALLY  
COMMAND\_CLASS\_POWERLEVEL  
COMMAND\_CLASS\_ASSOCIATION  
COMMAND\_CLASS\_ASSOCIATION\_GROUPINFO  
COMMAND\_CLASS\_SWITCH\_BINARY  
COMMAND\_CLASS\_SECURITY  
COMMAND\_CLASS\_SECURITY\_2  
COMMAND\_CLASS\_SUPERVISION

For gas ductwork user

The main ball valve should be designed and installed to the place as much as convenient for manual opening & closing operation. The manipulator should keep 20mm away from the wall.

Inserted mounting hole into pipe clamp and fixed by screw. Put pipe adjuster on the clamp then install with water pipe. Fixed the adjuster while same position of auto valve middle line and ball valve middle point after rocker arm clips the valve handle.



In case of alarm failure, overhaul or power cut, can manually close the valve.

- pull out the tab of clutch and keep,
- manually turn the handle to 90 degree, open and close the handle to the dead point until move smoothly,
- Release the tab, then gently move the handle to make the clutch back to its original position.

This product is also applicable to automatic control of other gas or fluid valves such as water valve.