

## GR-105 Operating Instructions

### Introduction

Thanks for choosing the auto valve for your Z-Wave home automation. The GR-105 is a Z-Wave auto valve, it works with any Z-Wave compliant gateway or controller. It can open/close the water valve

### Specifications

Type: GR-105  
Power: DC 12V/1A  
Z-wave Frequency: 868.42MHz (EU)/908.42 MHz (US)  
Operating Range: Up to 100 feet line of sight  
Twist pressure: 1.6Mpa  
Resist twisting: 30~60kg.cm  
Package content: DC 12V/1A、hardware fitting

### Installation:

1. Inclusion/ Exclusion Z-Wave network  
Put the Z-Wave interface controller into “inclusion or exclusion” mode, and press the red power button once, the distance between GR-105 and controller is suggested to be in one meter.
2. For pipeline valves, the original ball as far as possible the total households in the ease of design and installation manual position. The Valve control should be installed in the original total gas ball valve. The Case not close to the wall, the wall should be a palm distance (20mm) above the installation.
3. Due to power outages, testing, maintenance, security and other needs, It can be close the valve by manually: Robot with finger in ring-pull down the clutch, do not release your finger and hold, 90 degree turn the handle, manual open and close the valve, Until the handle on/off to the correct position.

### cautions:

The sensor belongs to category 3 receiver, and the dutycycle is less than 0.01 in a period 1 hour.

Operating ambient temperature range:-20℃ to 40℃ and the power supply by adapter.

Adapter shall be installed near the equipment and shall be easily accessible. The plug considered as disconnect device of adapter,

The adapter Manufacturer: Shenzhen CSEC Co.,Ltd.

Model No.: CS12F120100FGF

INPUT: 100V~240V~ 50/60Hz 500mA

OUTPUT: 12V/1.0A

#### DECLARATION OF CONFORMITY:

Hereby, U-Fairy G.R. IOT Tech CO.,Ltd declares that this Auto valve product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received,

including interference that may cause undesired operation. FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency

energy and, if not installed and used in accordance with the instructions, may cause harmful

interference to radio communications. However, there is no guarantee that interference will not occur in a

particular installation. If this equipment does cause harmful interference

to radio or television reception, which can be determined by turning

the equipment off and on, the user is encouraged to try to correct

the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from

that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.