



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for HONEYWELL Z11S. You'll find the answers to all your questions on the HONEYWELL Z11S in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HONEYWELL Z11S  
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Honeywell

## Z11S

Reverse rinsing actuator  
for fully automatic filter cleaning

Product specification sheet



### Construction

The reverse rinsing actuator comprises:

- Housing
- Bayonet connection
- Mains cable

### Materials

- High quality synthetic material housing

### Reverse Rinsing

Reverse rinsing duration with mains electrical operation approximately 25 sec.

Reverse rinsing quantity at 4.0 bar operating pressure:

Filter size	Drain connection	Reverse rinsing quantity (litres)
1/2" x 3/4"	DN 50	12
1" x 1 1/4"	DN 70	15
1 1/2" x 2"	DN 70	18

EN60111:08/2011 (EN60111:08) • Subject to change without notice

### Application

The Z11S automatic reverse rinsing actuator provides fully automatic cleaning for all Honeywell reverse rinsing filters, filter combinations, water supply units and water distributor units. The reverse rinsing intervals are adjustable in sixteen steps between four minutes and three months. The Z11S has an emergency running function in the event of power failure (only when batteries are fitted) and offers the possibility of manual operation of the reverse rinsing function. Connection options are available for differential pressure switching, remote control and remote monitoring.

### Special Features

- Pushbuttons give easy setting of intervals
- Pushbutton for manual operation of reverse rinsing
- Digital indicator of time interval set
- Digital indicator of number of reverse rinsing cycles carried out
- Facility to indicate time remaining before next programmed reverse rinsing cycle
- Reset button enables resetting of counter
- Settings are maintained even when electrical power fails
- Set during manufacture to 45 day interval
- Can be set to 16 different reverse rinsing intervals
- Automatic battery<sup>1)</sup> run-on if mains supply fails
- Manufactured with integral electrical suppression
- Additional PG 9 cable entry for connection of remote operation, remote monitoring or differential pressure control
- Can be connected for differential pressure switch, remote operation or remote monitoring
- Bayonet connection enables fitting without tools

### Range of Application

For fully automatic reverse rinsing of Honeywell filters, filter combinations, water supply unit and water distributor units.

### Technical Data

Mains cable	1.5 metres
Batteries	Four LRB-1.5 V-Mignon/AA size alkaline-manganese batteries <sup>1)</sup>
Battery life	Approximately 3 years
Water temperature	Maximum 70 °C
Time intervals	4 minutes to 3 months
Ambient conditions	5...50 % relative humidity 0...50 °C
Protection type	IP 55 sprayed water
Protection class	1 DIN VDE 0700-T1/EN 60335-1

<sup>1)</sup> Batteries are not supplied with the appliance. Batteries are not necessary if automatic run-on in the event of power failure is not required. When batteries are fitted, the appliance should not be left unattended for long periods.



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**Manual abstract:**

Connection options are available for differential pressure switching, remote control and remote monitoring. Special Features . . . . . Construction The reverse rinsing actuator comprises: . . . EN0H-1119GE23 R1009 . Subject to change without notice Pushbuttons give easy setting of intervals Pushbutton for manual operation of reverse rinsing Digital indicator of time interval set Digital indicator of number of reverse rinsing cycles carried out Facility to indicate time remaining before next programmed reverse rinsing cycle Reset button enables resetting of counter Settings are maintained even when electrical power fails Set during manufacture to 45 day interval Can be set to 16 different reverse rinsing intervals Automatic battery1) run-on if mains supply fails Manufactured with integral electrical suppression Additional PG 9 cable entry for connection of remote operation, remote monitoring or differential pressure control Can be connected for differential pressure switch, remote operation or remote monitoring Bayonet connection enables fitting without tools . . . . . Housing Bayonet connection Mains cable High quality synthetic material housing Materials . Reverse Rinsing Reverse rinsing duration with mains electrical operation approximately 25 sec. Reverse rinsing quantity at 4.0 bar operating pressure: Filter size + 3/4" 1" + 1 1/4" 1 1/2" +2" 2" 1/ Range of Application For fully automatic reverse rinsing of Honeywell filters, filter combinations, water supply unit and water distributor units. Technical Data Mains cable Batteries Battery life Water temperature Time intervals Ambient conditions Protection type Protection class 1) Batteries Drain connection DN 50 DN 70 DN 70 Reverse rinsing quantity (litres) 12 15 18 1.5 metres Four LR6-1.5 V-Mignon/AA size alkali-manganese batteries1) Approximately 3 years Maximum 70 °C 4 minutes to 3 months 5...90 % relative humidity 0. ..60 °C IP 55 sprayed water 1 DIN VDE 0700 -T1/EN 60335 -1 are not supplied with the appliance. @@@@Four batteries (not supplied) provide back-up protection. @@@@In both cases the minimum holding period is one second. @@@@It is recommended that the differential pressure be set to 1.0 bar. @@Through this it is guaranteed that a maximum quantity of water is available for reverse rinsing. If reverse rinsing starts immediately irrespective of the duration of the differential pressure signal, then the inputs should be connected instead to "U+" and "SIGN". The DDS76 differential pressure switch can only be used where Z11S and F76S fine filters are also installed. Remote monitoring For remote monitoring of the open/closed position of the ball valve the installation of a building management system with 0 to 10 V input is recommended. The maximum current is 10 mA. @@.



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