

Z74S-AN

Reverse rinsing actuator with bayonet connection
for fully automatic filter cleaning

APPLICATION

The Z74S-AN automatic reverse rinsing actuator provides fully automatic cleaning for Honeywell filters F74CS, FN74CS and filter combinations FK74CS, FKN74CS. A bayonet connection enables fitting the Z74S-AN without tools. The reverse rinsing interval can be set to 8 different intervals.

SPECIAL FEATURES

- Bayonet connection enables fitting without tools
- 8 reverse rinsing intervals
- Main voltage or battery operation
- Manufactured with integral electrical suppression




TECHNICAL DATA

For fully automatic reverse rinsing of Honeywell filters F74CS, FN74CS and filter combinations FK74CS, FKN74CS.

Media	
Medium:	Drinking water
Operating temperatures	
Max. water temperature:	30 °C
Specifications	
Ambient conditions:	5 - 80 % non-condensing, 0 - 40 °C
Reverse rinsing interval adjustable to:	1 hour/1 day/6 days/ 15 days/30 days/45 days/ 2 months/3 months
Open/closing time:	20 s
Battery operation:	4.5 VDC +5/-20 % (3x battery 1.5 V DURACELL MN1500 AA)
Power supply unit:	ADAPTER 230 V/50 Hz 6 V/500 mA
Battery display:	LED – flashes when voltage is under 3.6 V
Protection type:	IP42

CONSTRUCTION

Overview	Components	Materials
	1 Drive	-
	Not depicted components	
	Power supply unit	-
	LR6 AA batteries (3 pcs)	-

METHOD OF OPERATION

After the set time has expired, the Z74S-AN opens the ball valve. In the filter, a differential pressure is generated by this opening procedure, which in turn starts the reverse rinsing mechanism. At the end of the reverse rinsing interval, the ball valve closes again. An additional safety function prevents the ball valve from being opened if the battery voltage is too low. This ensures that unwanted loss of water is avoided. The end of the battery service life is indicated by the flashing of the LEDs.

REVERSE RINSING

Filter size	Discharge connection	Reverse rinsing volume*
1/2" + 3/4"	DN50	10
1" + 1 1/4"	DN70	12

* at 4 bar inlet pressure and 20 seconds reverse rinsing duration

TRANSPORTATION AND STORAGE

Keep parts in their original packaging and unpack them shortly before use.

The following parameters apply during transportation and storage:

Parameter	Value
Environment:	clean, dry and dust free
Min. ambient temperature:	0 °C
Max. ambient temperature:	40 °C
Min. ambient relative humidity:	5 % *
Max. ambient relative humidity:	80 % *

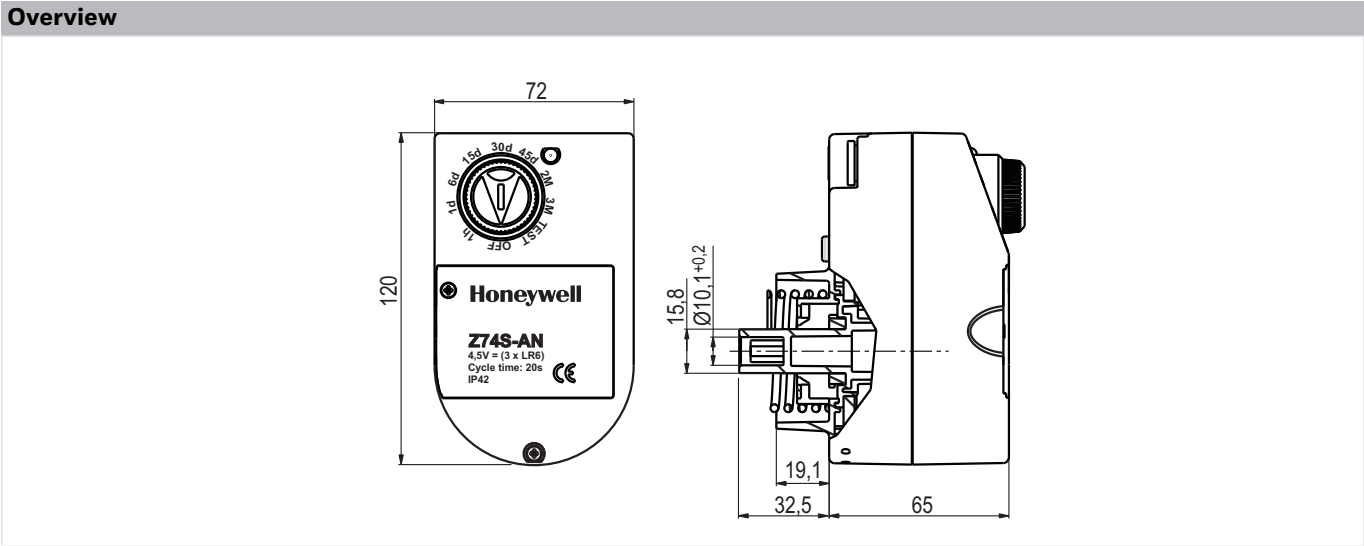
*non condensing

INSTALLATION GUIDELINES

Setup requirements

- The installation site has to be frost-proof and the protection of the device from chemicals, paints, detergents, solvents and their vapours and environmental influences must be guaranteed
- In case the mains supply fails during the backwash the batteries (if they are fitted) provide the energy for closing the backwash ball valve. The battery charge should be checked regularly. At the latest after two years exchange the batteries with new ones.
- In order to avoid flooding, it is recommended to arrange a permanent, professionally dimensioned wastewater connection

DIMENSIONS



Note: All dimensions in mm unless stated otherwise.

ORDERING INFORMATION

The following tables contain all the information you need to make an order of an item of your choice. When ordering, please always state the type, the ordering or the part number.

		Z74S-AN
Connection type:	with bayonet connection	•

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