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You can read the recommendations in the user guide, the technical guide or the installation guide for HONEYWELL FK74C. You'll find the answers to all your questions on the HONEYWELL FK74C in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

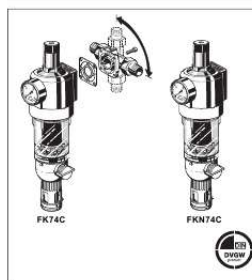
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Honeywell

FK74C/FKN74C

Reverse rinsing filter combination

Product specification sheet



Construction

The filter combination comprises:

- Housing with pressure gauge
- Spring bonnet with adjustment knob
- Valve insert complete with diaphragm and valve seat
- Rotatable connector piece (FK74C only)
- Threaded union connectors (FK74C only)
- Fine filter in clear filter bowl
- Ball valve with drain connection
- Double ring wrench

Materials

- High quality synthetic material housing
- Brass threaded connections
- High quality synthetic material spring bonnet, valve insert and filter mesh carrier
- Red bronze connector piece (FK74C only)
- Stainless steel fine filter
- Shock-resistant, clear transparent synthetic material filter bowl
- Fibre-reinforced NBR diaphragm
- NBR seals

Application

The FK74C/FKN74C filter combinations comprise reverse rinsing filter and pressure reducing valve in one appliance. They ensure a continuous supply of filtered water. The fine filter stops the ingress of foreign bodies, for example rust particles, strands of hemp and grains of sand. The pressure reducing valve prevents pressure damage and reduces water consumption. FK74C/FKN74C filter combinations are fitted in systems where a pressure reducing valve is required. Both horizontal and vertical installation is possible.

Special Features

- DIN/DVGW approved
- Inlet pressure balancing - fluctuating inlet pressure does not influence outlet pressure
- Filtered water supplied even during reverse rinsing
- Patented reverse rinsing system - fast and thorough cleaning of the filter with small amount of water
- Memory ring indicates when next manual reverse rinsing is due
- Automatic reverse rinsing actuator with bayonet connector can be retrofitted
- Large filter surface
- Shock resistant clear synthetic material filter bowl enables easy checking of filter contamination
- Filter and complete filter bowl are replaceable
- The valve insert is of high quality synthetic material and can be fully exchanged
- Standardised discharge connection
- Meets KTW recommendations for potable water

Range of Application

Medium	Water
Inlet pressure	Maximum 16.0 bar
Outlet pressure	1.5 - 6.0 bar

The filter is constructed for drinking water installations. In case of a process water application the filter has to be proven individually.

Technical Data

Installation position	Vertical or horizontal, with filter bowl downwards
Operating pressure	Minimum 1.5 bar
Operating temperature	Maximum 30 °C
Connection size	3/4", 1", 1 1/4"

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Manual abstract:

@@The pressure reducing valve prevents pressure damage and reduces water consumption. FK74C/FKN74C filter combinations are fitted in systems where a pressure reducing valve is required. Both horizontal and vertical installation is possible. Special Features . . . FK74C FKN74C . . . Construction The filter combination comprises: . . . EN0H-1149GE23 R1009 . Subject to change DIN/DVGW approved Inlet pressure balancing - fluctuating inlet pressure does not influence outlet pressure Filtered water supplied even during reverse rinsing Patented reverse rinsing system - fast and thorough cleaning of the filter with small amount of water Memory ring indicates when next manual reverse rinsing is due Automatic reverse rinsing actuator with bayonet connector can be retrofitted Large filter surface Shock resistant clear synthetic material filter bowl enables easy checking of filter contamination Filter and complete filter bowl are replaceable The valve insert is of high quality synthetic material and can be fully exchanged Standardised discharge connection Meets KTW recommendations for potable water Water Maximum 16.0 bar 1.5 - 6.0 bar . . . Housing with pressure gauge Spring bonnet with adjustment knob Valve insert complete with diaphragm and valve seat Rotatable connector piece (FK74C only) Threaded union connectors (FK74C only) Fine filter in clear filter bowl Ball valve with drain connection Double ring wrench High quality synthetic material housing Brass threaded connections High quality synthetic material spring bonnet, valve insert and filter mesh carrier Red bronze connector piece (FK74C only) Stainless steel fine filter Shock-resistant, clear transparent synthetic material filter bowl Fibre-reinforced NBR diaphragm NBR seals . . . Range of Application Medium Inlet pressure Outlet pressure Materials The filter is constructed for drinking water installations. In case of a process water application the filter has to be proven individually. Technical Data Installation position Operating pressure Connection size Vertical or horizontal, with filter bowl downwards Minimum 1.5 bar 3/4", Operating temperature Maximum 30 °C 1", 11/4" www.

honeywell.com 11 FK74C/FKN74C Reverse rinsing filter combination Method of Operation The filter combination combines reverse rinsing filter and pressure reducing valve in one appliance. The filter insert comprises an upper part and a lower combination section.

@@@@@@@@@@@@@@@@@@@@@rotatable connector piece DA74C with threaded male connections Filter mesh size 200 µm, incl. rotatable connector piece DA74C with threaded male connections Filter mesh size 100 µm; rotatable connector piece DA74C has to be ordered separately - see accessories Filter mesh size 50 µm; rotatable connector piece DA74C has to be ordered separately - see accessories FK74C-

..AC = FK74C-...

AD = Connection size FKN74C-1A = kvs-value DIN/DVGW Approval No. 395 395 395 285 285 285 150 150 150 66 66 66 27 27 31 105 105 105 90 100 105 162 184 203 5.5 6.0 6.5 DW-9311 AT 2316 FKN74C-1C = Accessories Z11S Automatic reverse rinsing actuator For automatic filter cleaning at presettable intervals EN0H-1149GE23 R1009 . Subject to change DA74C Rotatable connector piece For connection of retrofit filters and filter combinations DA74C Z11S VST06-B Connection set Solder connections VST06-A Connection set Threaded connections VST06-A VST06-B RV277 Inlet check valve Available in sizes R1/2" - 2" ZA76C RV277 ZA76C Connector piece For conversion of the fine filters with rotatable connector pieces (1 1/4" and 1 1/2") into retrofit filter combinations (Converts 63 mm hole centres to 45 mm hole centres) I2 www.honeywell.com FK74C/FKN74C Reverse rinsing filter combination Installation Example Installation Guidelines . Install in horizontal or vertical pipework with filter bowl downwards o This position ensures optimum filter efficiency Install shutoff valves Ensure good access o Pressure gauge can be read off easily o Degree of contamination can be seen with clear filter bowl o Simplifies maintenance and inspection The installation location should be protected against frost Fit immediately after water meter o Corresponds to DIN 1988, Part 2 It is recommended that a straight section of pipework at least five times the nominal valve size is provided after the filter combination Typical Applications Filter combinations of this type are suitable for all types of household installations. They can also be used for commercial and industrial applications within the limits of their specifications. Filter combinations of this type are installed: Where there is existing metal or plastics pipework For installation in horizontal or vertical pipework As replacement for an existing filter Where space is limited For protection against noise when the static pressure at take off points exceeds 5.0 bar (DIN 4109) If the static pressure exceeds the maximum permissible operating pressure of an installation If pressure fluctuations in the downstream system must be avoided If the downstream system includes appliances which must be protected against dirt Flow Diagram EN0H-1149GE23 R1009 . Subject to change www.

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