

JPF-ATP 25mm

BACKWASH FILTER

JUDO is engineered to eliminate suspended particles that lead to pitting, corrosion, and blockages, effectively addressing these common problems and safeguarding valuable assets.



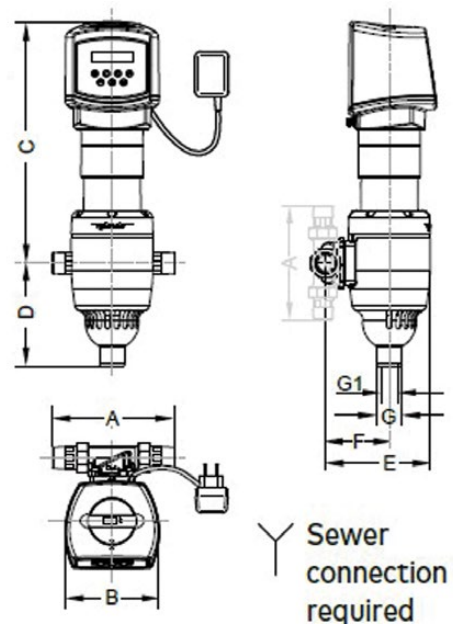
JUDO JPF PRESSURE DIFFERENTIAL CONTROLLED SERIES

FEATURES

- Manual or fully automatic screen cleaning by pressure differential control
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- Standard 100 micron stainless steel screen
- No interruption to water flow during screen cleaning
- Can be mounted in vertical or horizontal pipe runs
- Relies on pressure not flow for backwash
- Degree of dirt build up can be easily seen through the viewing glass
- Compact
- Minimum installation disruption
- Automatic or Manual Operation
- To suit site and budget
- Quality guaranteed
- German design and manufacture

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PLANS/ DRAWINGS



OPERATIONAL REQUIREMENTS

PRODUCT CODE	
J8020706	
FLOW RATES	
Max Flow Rate m ³ /hour (l/s) 7.6 (2.1)	
OPERATING PRESSURES (KPA)	
Maximum working pressure	1,600
Minimum pressure	200
CONNECTIONS	
Inlet/Outlet (BPSM)	1" (25mm)
POWER	
Power supply (Watts)	0.5mA
Electrical supply (V/Hz)	230/50 with a 24VAC plug pack
TEMPERATURE	
Max temperature	30

Standard filtration fineness of 100 µm. Special filtration finenesses available on request with 30/320 and 500 µm. Operating temperature up to 30°C. 230 V/50 Hz electrical connection. * for drinking water with clean strainer at 0.2 (0.5) bar pressure drop. For process water or heavily contaminated water, allow for a lower flow rate. Essential recommendation! ** for drinking water with clean strainer at 0.2 bar pressure drop. For process water or heavily contaminated water, allow for a lower flow rate. Essential recommendation!

WEIGHT (KG)	
6	
FILTER SURFACE AREA (CM ²)	
103.7	
BACKWASH	
Backwash water volume (Litres)	25-54
Backwash flow rate (l/sec)	0.2 - 0.4
Backwash cycle duration (Sec)	120
MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE	
20kPa	
INSTALLED DIMENSIONS (MM)	
A	195mm
B	145mm
C	378mm
D	161mm
E	164-184mm
F	120mm
G	40mm
G1	14mm
H	-

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 FILTRATION

JPF-ATP 32mm BACKWASH FILTER

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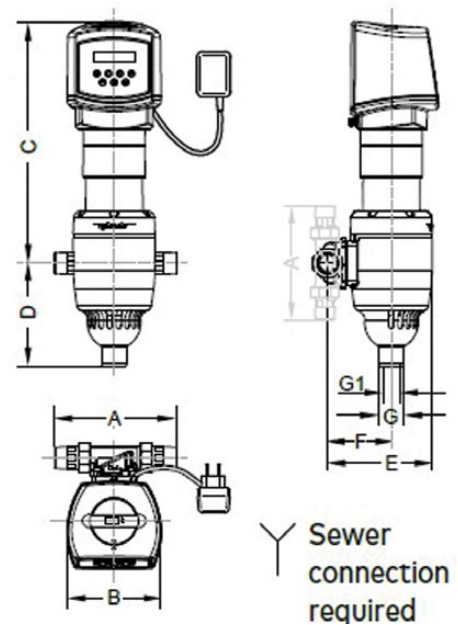
JUDO JPF PRESSURE DIFFERENTIAL CONTROLLED SERIES

FEATURES

- Manual or fully automatic screen cleaning by pressure differential control
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- Standard 100 micron stainless steel screen
- No interruption to water flow during screen cleaning
- Can be mounted in vertical or horizontal pipe runs
- Relies on pressure not flow for backwash
- Degree of dirt build up can be easily seen through the viewing glass
- Compact
- Minimum installation disruption
- Automatic or Manual Operation
- To suit site and budget
- Quality guaranteed
- German design and manufacture

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PLANS/ DRAWINGS



OPERATIONAL REQUIREMENTS

PRODUCT CODE	
J8020707	
FLOW RATES	
Max Flow Rate m ³ /hour (l/s) 8.5 (2.3)	
OPERATING PRESSURES (KPA)	
Maximum working pressure 1,600	
Minimum pressure 200	
CONNECTIONS	
Inlet/Outlet (BPSM) 1 1/4" (32mm)	
POWER	
Power supply (Watts) 0.5mA	
Electrical supply (V/Hz) 230/50 with a 24VAC plug pack	
TEMPERATURE	
Max temperature 30	

Standard filtration fineness of 100 µm. Special filtration finenesses available on request with 30/320 and 500 µm. Operating temperature up to 30°C. 230 V/50 Hz electrical connection. * for drinking water with clean strainer at 0.2 (0.5) bar pressure drop. For process water or heavily contaminated water, allow for a lower flow rate. Essential recommendation! ** for drinking water with clean strainer at 0.2 bar pressure drop. For process water or heavily contaminated water, allow for a lower flow rate. Essential recommendation!

WEIGHT (KG)	
6	
FILTER SURFACE AREA (CM ²)	
103.7	
BACKWASH	
Backwash water volume (Litres) 25-55	
Backwash flow rate (l/sec) 0.2 - 0.4	
Backwash cycle duration (Sec) 120	
MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE	
20kPa	
INSTALLED DIMENSIONS (MM)	
A	230mm
B	145mm
C	378mm
D	161mm
E	169-189mm
F	125mm
G	40mm
G1	14mm
H	-

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 FILTRATION

JPF-ATP 40mm

BACKWASH FILTER

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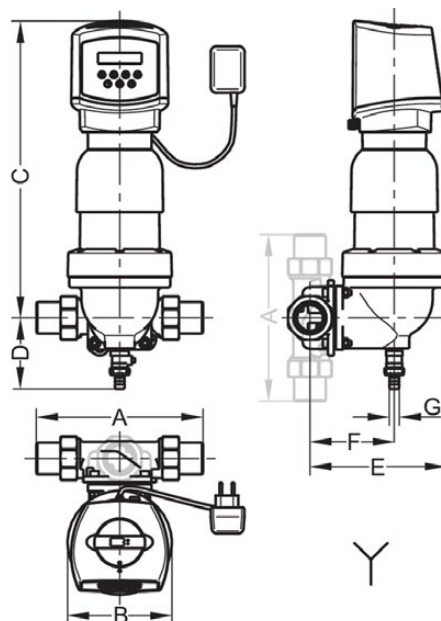


JUDO JPF PRESSURE DIFFERENTIAL CONTROLLED SERIES

FEATURES

- Manual or fully automatic screen cleaning by pressure differential control
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- Standard 100 micron stainless steel screen
- No interruption to water flow during screen cleaning
- Can be mounted in vertical or horizontal pipe runs
- Relies on pressure not flow for backwash
- Degree of dirt build up can be easily seen through the viewing glass
- Compact
- Minimum installation disruption
- Automatic or Manual Operation
- To suit site and budget
- Quality guaranteed
- German design and manufacture

PLANS/ DRAWINGS



OPERATIONAL REQUIREMENTS

PRODUCT CODE	
J8020359	
FLOW RATES	
Max Flow Rate m ³ /hour (l/s) 18 (5.0)	
OPERATING PRESSURES (KPA)	
Maximum working pressure 1,600	
Minimum pressure 200	
CONNECTIONS	
Inlet/Outlet (BPSM) 1 1/2" (40mm)	
POWER	
Power supply (Watts) 0.5mA	
Electrical supply (V/Hz) 230/50 with a 24VAC plug pack	
TEMPERATURE	
Max temperature 30	

Standard filtration fineness of 100 µm. Special filtration finenesses available on request with 30/320 and 500 µm. Operating temperature up to 30°C. 230 V/50 Hz electrical connection. * for drinking water with clean strainer at 0.2 (0.5) bar pressure drop. For process water or heavily contaminated water, allow for a lower flow rate. Essential recommendation! ** for drinking water with clean strainer at 0.2 bar pressure drop. For process water or heavily contaminated water, allow for a lower flow rate. Essential recommendation!

WEIGHT (KG)	
11	
FILTER SURFACE AREA (CM ²)	
217	
BACKWASH	
Backwash water volume (Litres) 36-96	
Backwash flow rate (l/sec) 0.3 - 0.8	
Backwash cycle duration (Sec) 120	
MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE	
20kPa	
INSTALLED DIMENSIONS (MM)	
A	252mm
B	158mm
C	450mm
D	107mm
E	207-227mm
F	128-148mm
G	14mm
G1	-
H	-

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JPF-ATP 50mm

BACKWASH FILTER

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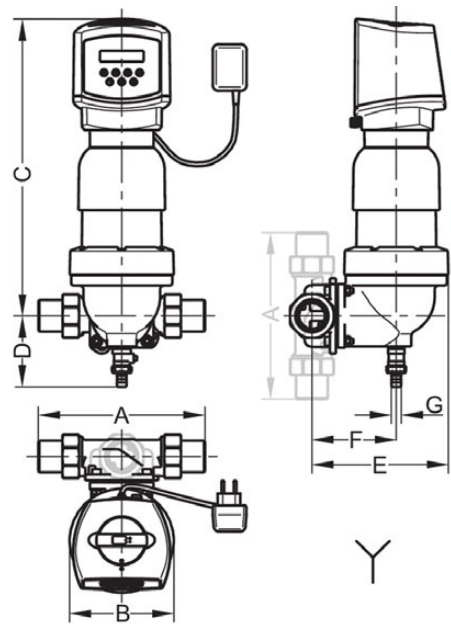


JUDO JPF PRESSURE DIFFERENTIAL CONTROLLED SERIES

FEATURES

- Manual or fully automatic screen cleaning by pressure differential control
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- Standard 100 micron stainless steel screen
- No interruption to water flow during screen cleaning
- Can be mounted in vertical or horizontal pipe runs
- Relies on pressure not flow for backwash
- Degree of dirt build up can be easily seen through the viewing glass
- Compact
- Minimum installation disruption
- Automatic or Manual Operation
- To suit site and budget
- Quality guaranteed
- German design and manufacture

PLANS/ DRAWINGS



OPERATIONAL REQUIREMENTS

PRODUCT CODE	
J8020709	
FLOW RATES	
Max Flow Rate m ³ /hour (l/s) 22 (6.1)	
OPERATING PRESSURES (KPA)	
Maximum working pressure	1,600
Minimum pressure	200
CONNECTIONS	
Inlet/Outlet (BPSM)	2" (50mm)
POWER	
Power supply (Watts)	0.5mA
Electrical supply (V/Hz)	230/50 with a 24VAC plug pack
TEMPERATURE	
Max temperature	30

Standard filtration fineness of 100 µm. Special filtration finenesses available on request with 30/320 and 500 µm. Operating temperature up to 30°C. 230 V/50 Hz electrical connection. * for drinking water with clean strainer at 0.2 (0.5) bar pressure drop. For process water or heavily contaminated water, allow for a lower flow rate. Essential recommendation! ** for drinking water with clean strainer at 0.2 bar pressure drop. For process water or heavily contaminated water, allow for a lower flow rate. Essential recommendation!

WEIGHT (KG)	
12	
FILTER SURFACE AREA (CM ²)	
217	
BACKWASH	
Backwash water volume (Litres)	36-96
Backwash flow rate (l/sec)	0.3 - 0.8
Backwash cycle duration (Sec)	120
MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE	
20kPa	
INSTALLED DIMENSIONS (MM)	
A	280mm
B	158mm
C	450mm
D	107mm
E	215-235mm
F	136-156mm
G	14mm
G1	-
H	-

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JPF-ATP DN65 BACKWASH FILTER

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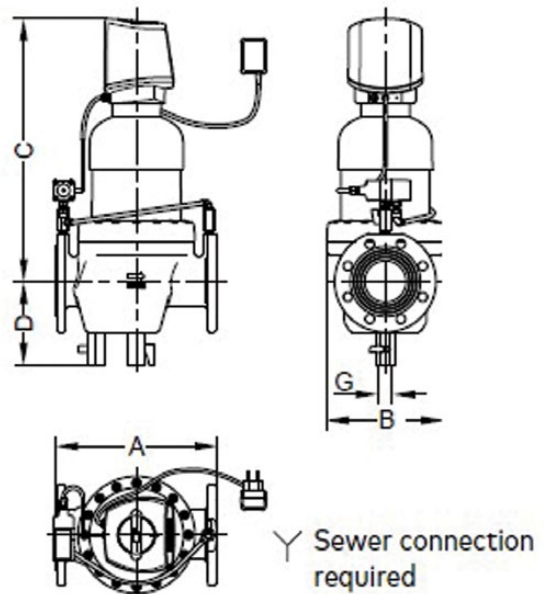
JUDO JPF PRESSURE DIFFERENTIAL CONTROLLED SERIES

FEATURES

- Manual or fully automatic screen cleaning by pressure differential control
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- Standard 100 micron stainless steel screen
- No interruption to water flow during screen cleaning
- Can be mounted in vertical or horizontal pipe runs
- Relies on pressure not flow for backwash
- Degree of dirt build up can be easily seen through the viewing glass
- Compact
- Minimum installation disruption
- Automatic or Manual Operation
- To suit site and budget
- Quality guaranteed
- German design and manufacture

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PLANS/ DRAWINGS



OPERATIONAL REQUIREMENTS

PRODUCT CODE	
J8025118	
FLOW RATES	
Max Flow Rate m ³ /hour (l/s) 28.0 (7.7)	
OPERATING PRESSURES (KPA)	
Maximum working pressure	1,600
Minimum pressure	200
CONNECTIONS	
Inlet/Outlet (BPSM)	2 1/2" DN65 Flange
POWER	
Power supply (Watts)	0.5mA
Electrical supply (V/Hz)	230/50 with a 24VAC plug pack
TEMPERATURE	
Max temperature	30

Standard filtration fineness of 100 µm. Special filtration finenesses available on request with 30/320 and 500 µm. Operating temperature up to 30°C. 230 V/50 Hz electrical connection. * for drinking water with clean strainer at 0.2 (0.5) bar pressure drop. For process water or heavily contaminated water, allow for a lower flow rate. Essential recommendation! ** for drinking water with clean strainer at 0.2 bar pressure drop. For process water or heavily contaminated water, allow for a lower flow rate. Essential recommendation!

WEIGHT (KG)	
17.5	
FILTER SURFACE AREA (CM ²)	
217	
BACKWASH	
Backwash water volume (Litres)	36-96
Backwash flow rate (l/sec)	0.3 - 0.8
Backwash cycle duration (Sec)	120
MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE	
20kPa	
INSTALLED DIMENSIONS (MM)	
A	240mm
B	185mm
C	451mm
D	163mm
E	-
F	-
G	20mm
G1	-
H	-

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JPF-ATP DN80 BACKWASH FILTER

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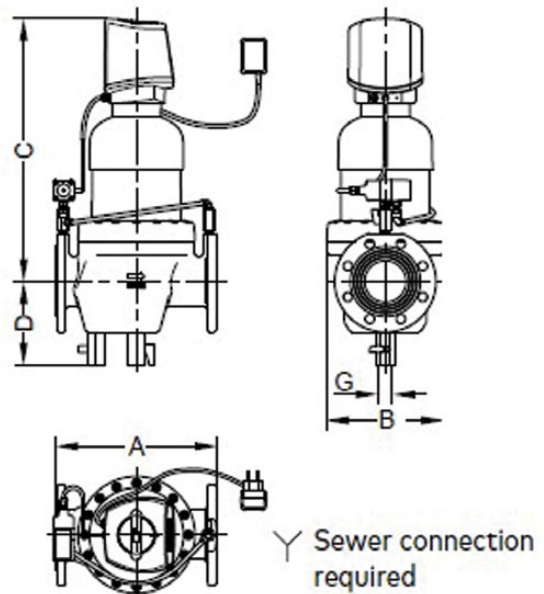
JUDO JPF PRESSURE DIFFERENTIAL CONTROLLED SERIES

FEATURES

- Manual or fully automatic screen cleaning by pressure differential control
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- Standard 100 micron stainless steel screen
- No interruption to water flow during screen cleaning
- Can be mounted in vertical or horizontal pipe runs
- Relies on pressure not flow for backwash
- Degree of dirt build up can be easily seen through the viewing glass
- Compact
- Minimum installation disruption
- Automatic or Manual Operation
- To suit site and budget
- Quality guaranteed
- German design and manufacture

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PLANS/ DRAWINGS



OPERATIONAL REQUIREMENTS

PRODUCT CODE

J8025009

FLOW RATES

Max Flow Rate m³/hour (l/s) 65.0 (18.0)

OPERATING PRESSURES (KPA)

Maximum working pressure 1,000

Minimum pressure 200

CONNECTIONS

Inlet/Outlet (BPSM) 3" DN80 Flange

POWER

Power supply (Watts) 0.5mA

Electrical supply (V/Hz) 230/50 with a 24VAC plug pack

TEMPERATURE

Max temperature 30

Standard filtration fineness of 100 µm. Special filtration finenesses available on request with 30/320 and 500 µm. Operating temperature up to 30°C. 230 V/50 Hz electrical connection. * for drinking water with clean strainer at 0.2 (0.5) bar pressure drop. For process water or heavily contaminated water, allow for a lower flow rate. Essential recommendation! ** for drinking water with clean strainer at 0.2 bar pressure drop. For process water or heavily contaminated water, allow for a lower flow rate. Essential recommendation!

WEIGHT (KG)

30.5

FILTER SURFACE AREA (CM²)

533

BACKWASH

Backwash water volume (Litres) 60-180

Backwash flow rate (l/sec) 0.5 - 1.5

Backwash cycle duration (Sec) 120

MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

INSTALLED DIMENSIONS (MM)

A 320mm

B 231mm

C 520mm

D 172mm

E -

F -

G 20mm

G1 -

H -

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JPF-ATP DN100 BACKWASH FILTER

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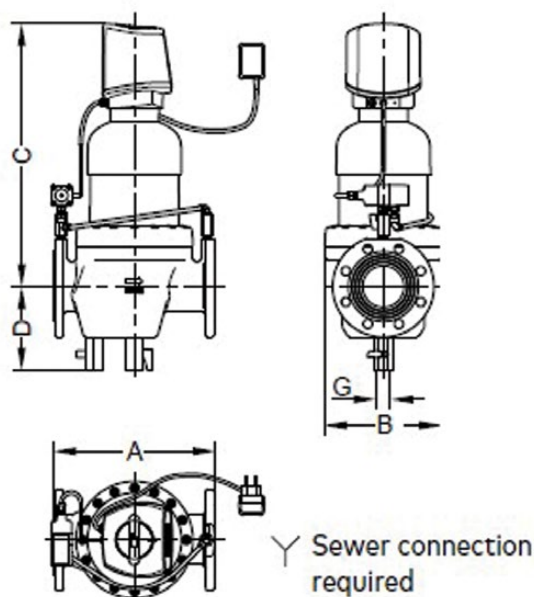
JUDO JPF PRESSURE DIFFERENTIAL CONTROLLED SERIES

FEATURES

- Manual or fully automatic screen cleaning by pressure differential control
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- Standard 100 micron stainless steel screen
- No interruption to water flow during screen cleaning
- Can be mounted in vertical or horizontal pipe runs
- Relies on pressure not flow for backwash
- Degree of dirt build up can be easily seen through the viewing glass
- Compact
- Minimum installation disruption
- Automatic or Manual Operation
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- Quality guaranteed
- German design and manufacture

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OPERATIONAL REQUIREMENTS

PRODUCT CODE

J8025010

FLOW RATES

Max Flow Rate m³/hour (l/s) 78.0 (21.6)

OPERATING PRESSURES (KPA)

Maximum working pressure 1,000

Minimum pressure 200

CONNECTIONS

Inlet/Outlet (BPSM) 4" DN100 Flange

POWER

Power supply (Watts) 0.5mA

Electrical supply (V/Hz) 230/50 with a 24VAC plug pack

TEMPERATURE

Max temperature 30

Standard filtration fineness of 100 µm. Special filtration finenesses available on request with 30/320 and 500 µm. Operating temperature up to 30°C. 230 V/50 Hz electrical connection. * for drinking water with clean strainer at 0.2 (0.5) bar pressure drop. For process water or heavily contaminated water, allow for a lower flow rate. Essential recommendation! ** for drinking water with clean strainer at 0.2 bar pressure drop. For process water or heavily contaminated water, allow for a lower flow rate. Essential recommendation!

WEIGHT (KG)

34

FILTER SURFACE AREA (CM²)

533

BACKWASH

Backwash water volume (Litres) 60-180

Backwash flow rate (l/sec) 0.5 - 1.5

Backwash cycle duration (Sec) 120

MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

INSTALLED DIMENSIONS (MM)

A 320mm

B 231mm

C 529mm

D 182mm

E -

F -

G 20mm

G1 -

H -

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JPF-ATP DN125 BACKWASH FILTER

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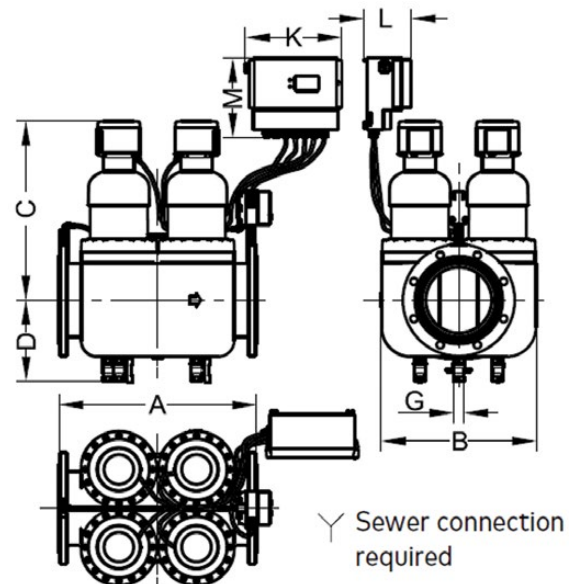
JUDO JPF PRESSURE DIFFERENTIAL CONTROLLED SERIES

FEATURES

- Manual or fully automatic screen cleaning by pressure differential control
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- Standard 100 micron stainless steel screen
- No interruption to water flow during screen cleaning
- Can be mounted in vertical or horizontal pipe runs
- Relies on pressure not flow for backwash
- Degree of dirt build up can be easily seen through the viewing glass
- Compact
- Minimum installation disruption
- Automatic or Manual Operation
- To suit site and budget
- Quality guaranteed
- German design and manufacture

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PLANS/ DRAWINGS



OPERATIONAL REQUIREMENTS

PRODUCT CODE	
J8020035	
FLOW RATES	
Max Flow Rate m ³ /hour (l/s) 100.0 (27.7)	
OPERATING PRESSURES (KPA)	
Maximum working pressure	1,000
Minimum pressure	200
CONNECTIONS	
Inlet/Outlet (BPSM)	5" (DN125) Flange
POWER	
Power supply (Watts)	25W
Electrical supply (V/Hz)	230/50
TEMPERATURE	
Max temperature	30

Standard filtration fineness of 100 µm. Special filtration finenesses available on request with 30/320 and 500 µm. Operating temperature up to 30°C. 230 V/50 Hz electrical connection. * for drinking water with clean strainer at 0.2 (0.5) bar pressure drop. For process water or heavily contaminated water, allow for a lower flow rate. Essential recommendation! ** for drinking water with clean strainer at 0.2 bar pressure drop. For process water or heavily contaminated water, allow for a lower flow rate. Essential recommendation!

WEIGHT (KG)	
95	
FILTER SURFACE AREA (CM ²)	
1066	
BACKWASH	
Backwash water volume (Litres)	120 -360
Backwash flow rate (l/sec)	0.5 - 1.5
Backwash cycle duration (Sec)	240
MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE	
20kPa	
INSTALLED DIMENSIONS (MM)	
A	560mm
B	250mm
C	505mm
D	197mm
E	-
F	-
G	20mm
G1	-
H	-

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JPF-ATP DN150 BACKWASH FILTER

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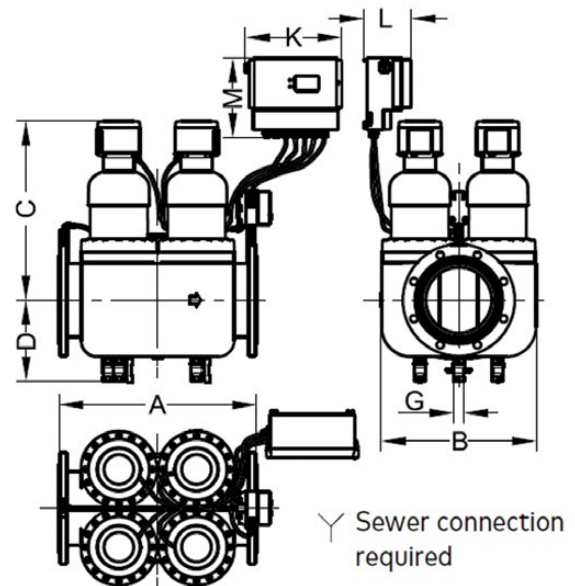
JUDO JPF PRESSURE DIFFERENTIAL CONTROLLED SERIES

FEATURES

- Manual or fully automatic screen cleaning by pressure differential control
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- Standard 100 micron stainless steel screen
- No interruption to water flow during screen cleaning
- Can be mounted in vertical or horizontal pipe runs
- Relies on pressure not flow for backwash
- Degree of dirt build up can be easily seen through the viewing glass
- Compact
- Minimum installation disruption
- Automatic or Manual Operation
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PLANS/ DRAWINGS



OPERATIONAL REQUIREMENTS

PRODUCT CODE

J8020022

FLOW RATES

Max Flow Rate m³/hour (l/s) 150.0 (41.6)

OPERATING PRESSURES (KPA)

Maximum working pressure 1,000

Minimum pressure 200

CONNECTIONS

Inlet/Outlet (BPSM) 6" (DN150) Flange

POWER

Power supply (Watts) 25W

Electrical supply (V/Hz) 230/50

TEMPERATURE

Max temperature 30

Standard filtration fineness of 100 µm. Special filtration finenesses available on request with 30/320 and 500 µm. Operating temperature up to 30°C. 230 V/50 Hz electrical connection. * for drinking water with clean strainer at 0.2 (0.5) bar pressure drop. For process water or heavily contaminated water, allow for a lower flow rate. Essential recommendation! ** for drinking water with clean strainer at 0.2 bar pressure drop. For process water or heavily contaminated water, allow for a lower flow rate. Essential recommendation!

WEIGHT (KG)

145

FILTER SURFACE AREA (CM²)

1595

BACKWASH

Backwash water volume (Litres) 180 - 540

Backwash flow rate (l/sec) 0.5 - 1.5

Backwash cycle duration (Sec) 360

MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

INSTALLED DIMENSIONS (MM)

A 560mm

B 470mm

C 525mm

D 215mm

E -

F -

G 20mm

G1 -

H -

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JPF-ATP DN200 BACKWASH FILTER

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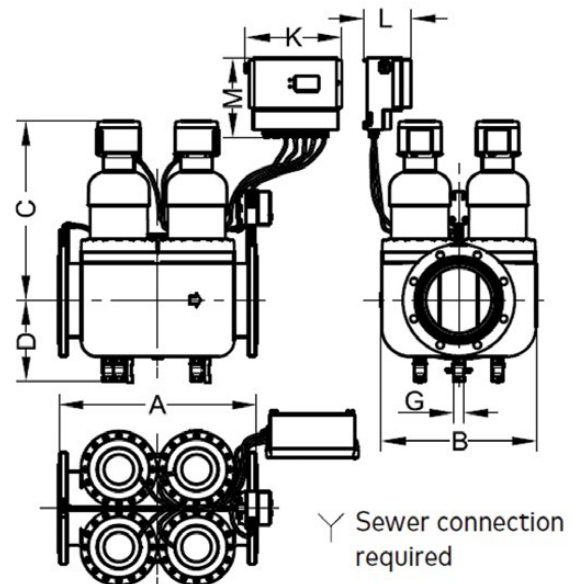
JUDO JPF PRESSURE DIFFERENTIAL CONTROLLED SERIES

FEATURES

- Manual or fully automatic screen cleaning by pressure differential control
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- Standard 100 micron stainless steel screen
- No interruption to water flow during screen cleaning
- Can be mounted in vertical or horizontal pipe runs
- Relies on pressure not flow for backwash
- Degree of dirt build up can be easily seen through the viewing glass
- Compact
- Minimum installation disruption
- Automatic or Manual Operation
- To suit site and budget
- Quality guaranteed
- German design and manufacture

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PLANS/ DRAWINGS



OPERATIONAL REQUIREMENTS

PRODUCT CODE

J8020037

FLOW RATES

Max Flow Rate m³/hour (l/s) 200.0 (55.5)

OPERATING PRESSURES (KPA)

Maximum working pressure 1,000

Minimum pressure 200

CONNECTIONS

Inlet/Outlet (BPSM) 8" (DN200) Flange

POWER

Power supply (Watts) 25W

Electrical supply (V/Hz) 230/50

TEMPERATURE

Max temperature 30

Standard filtration fineness of 100 µm. Special filtration finenesses available on request with 30/320 and 500 µm. Operating temperature up to 30°C. 230 V/50 Hz electrical connection. * for drinking water with clean strainer at 0.2 (0.5) bar pressure drop. For process water or heavily contaminated water, allow for a lower flow rate. Essential recommendation! ** for drinking water with clean strainer at 0.2 bar pressure drop. For process water or heavily contaminated water, allow for a lower flow rate. Essential recommendation!

WEIGHT (KG)

200

FILTER SURFACE AREA (CM²)

2130

BACKWASH

Backwash water volume (Litres) 240 - 720

Backwash flow rate (l/sec) 0.5 - 1.5

Backwash cycle duration (Sec) 480

MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

INSTALLED DIMENSIONS (MM)

A 600mm

B 470mm

C 535mm

D 246mm

E -

F -

G 20mm

G1 -

H -

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