

## JPF-Plus 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.



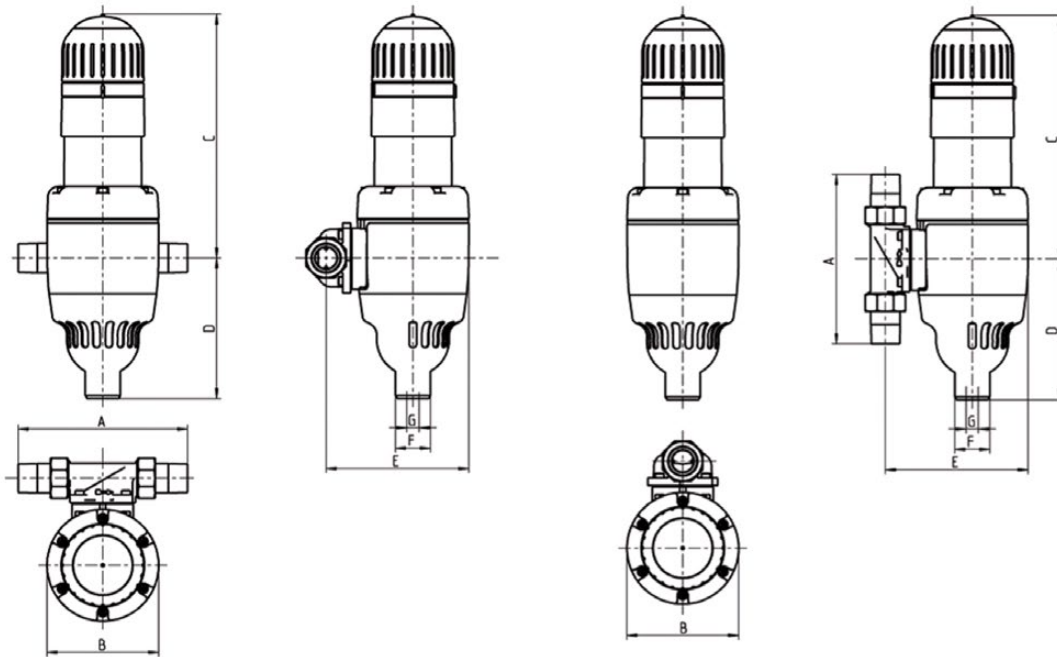
### JUDO JPF SERIES 25MM JPF PLUS: MANUAL BACKWASH

## FEATURES

- Manual or fully automatic screen cleaning by timer or pressure differential control
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- Standard 100 micron stainless steel screen, which is silver coated to inhibit bacterial growth
- 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

J8010073

### FLOW RATES

Max Flow Rate m<sup>3</sup>/hour (l/s) 7.6 (2.1)

### OPERATING PRESSURES (KPA)

Maximum working pressure 1000

Minimum pressure 200

Minimum outlet pressure N/A

### CONNECTIONS

Inlet/Outlet (BPSM) 1" (25mm)

### POWER

Power supply (Watts) N/A

Electrical supply (V/Hz) N/A

### TEMPERATURE

Max temperature 30

### WEIGHT (KG)

6

### FILTER SURFACE AREA (CM<sup>2</sup>)

103.7

### BACKWASH

Backwash water volume (Litres) 25-48

Backwash flow rate (l/sec) 0.2 - 0.4

Backwash cycle duration (Sec) Manual Control

### MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

### INSTALLED DIMENSIONS (MM)

A Installation length = 195

B Unit Width = 133

C Height above pipe centre = 335

D Height under pipe centre = 165

E Pipe centre to front = 165

F Backwash outlet = 40

G N/A

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 FILTRATION

## JPF-Plus 32mm

# 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.



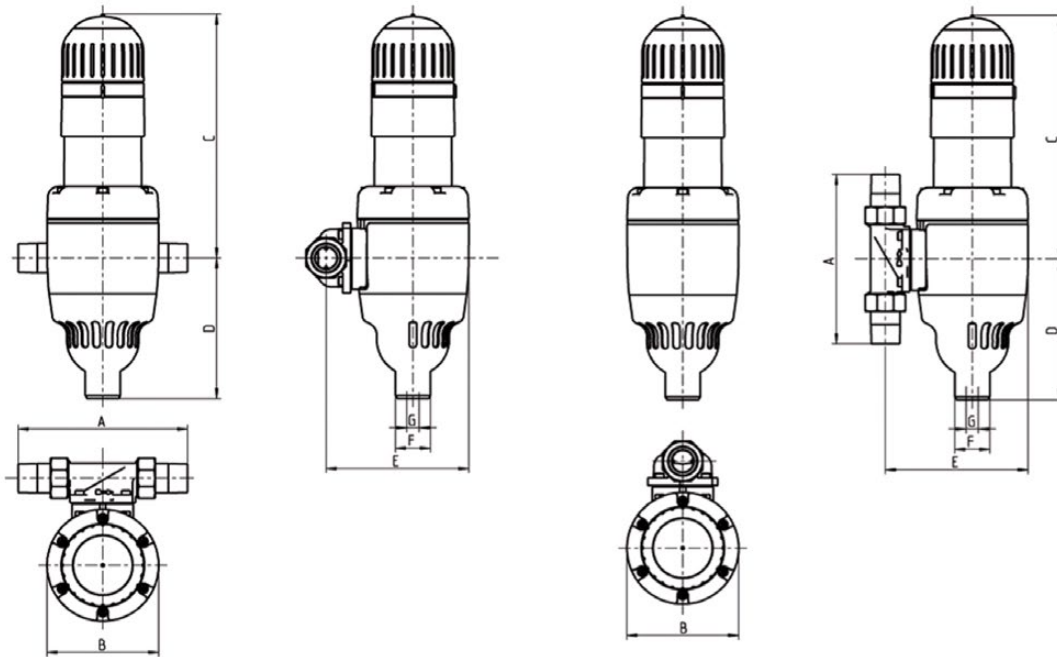
### JUDO JPF SERIES 32MM JPF PLUS: MANUAL BACKWASH

## FEATURES

- Manual or fully automatic screen cleaning by timer or pressure differential control
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- Standard 100 micron stainless steel screen, which is silver coated to inhibit bacterial growth
- 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

J8010074

### FLOW RATES

Max Flow Rate m<sup>3</sup>/hour (l/s) 8.5 (2.3)

### OPERATING PRESSURES (KPA)

Maximum working pressure 1000

Minimum pressure 200

Minimum outlet pressure N/A

### CONNECTIONS

Inlet/Outlet (BPSM) 1 1/4" (32mm)

### POWER

Power supply (Watts) N/A

Electrical supply (V/Hz) N/A

### TEMPERATURE

Max temperature 30

### WEIGHT (KG)

6

### FILTER SURFACE AREA (CM<sup>2</sup>)

103.7

### BACKWASH

Backwash water volume (Litres) 25-49

Backwash flow rate (l/sec) 0.2 - 0.4

Backwash cycle duration (Sec) Manual Control

### MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

### INSTALLED DIMENSIONS (MM)

A Installation length = 230

B Unit Width = 133

C Height above pipe centre = 335

D Height under pipe centre = 165

E Pipe centre to front = 170

F Backwash outlet = 40

G N/A

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## JPF-Plus 40mm

# BACKWASH FILTER

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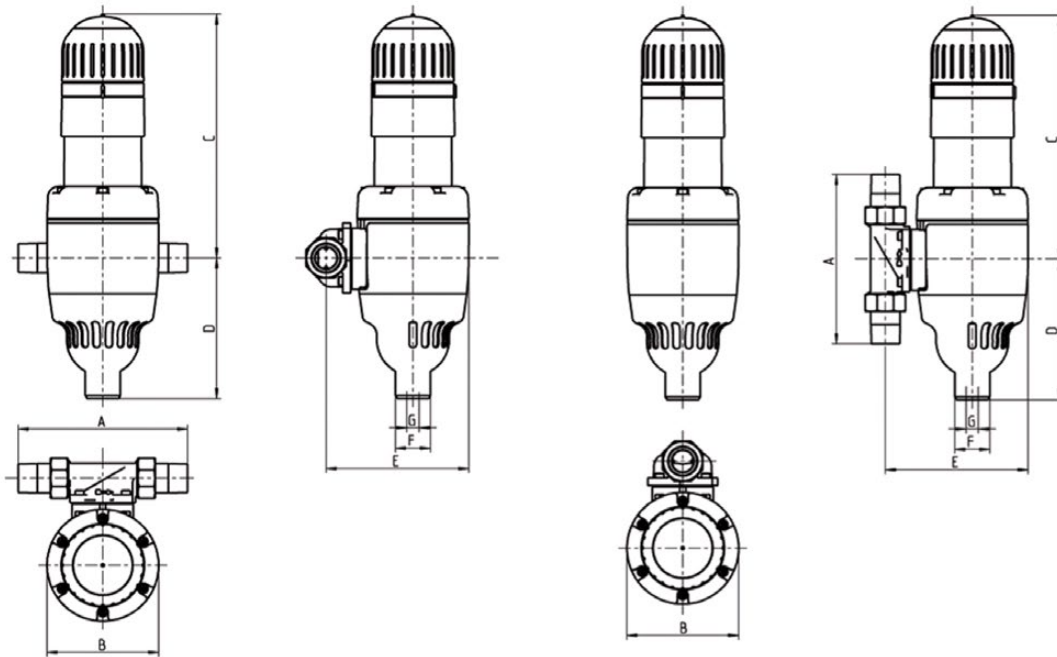
### JUDO JPF SERIES 40MM JPF PLUS: MANUAL BACKWASH

## FEATURES

- Manual or fully automatic screen cleaning by timer or pressure differential control
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- Standard 100 micron stainless steel screen, which is silver coated to inhibit bacterial growth
- 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

J8107012

### FLOW RATES

Max Flow Rate m<sup>3</sup>/hour (l/s) 18 (5.0)

### OPERATING PRESSURES (KPA)

Maximum working pressure 1600

Minimum pressure 200

Minimum outlet pressure N/A

### CONNECTIONS

Inlet/Outlet (BPSM) 1 1/2" (40mm)

### POWER

Power supply (Watts) N/A

Electrical supply (V/Hz) N/A

### TEMPERATURE

Max temperature 30

### WEIGHT (KG)

12

### FILTER SURFACE AREA (CM<sup>2</sup>)

217

### BACKWASH

Backwash water volume (Litres) 36-96

Backwash flow rate (l/sec) 0.3 - 0.8

Backwash cycle duration (Sec) Manual Control

### MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

### INSTALLED DIMENSIONS (MM)

A Installation length = 252

B Unit Width = 158

C Height above pipe centre = 402

D Height under pipe centre = 97

E Pipe centre to front = 207

F Backwash outlet = 20

G N/A

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## JPF-Plus 50mm

# BACKWASH FILTER

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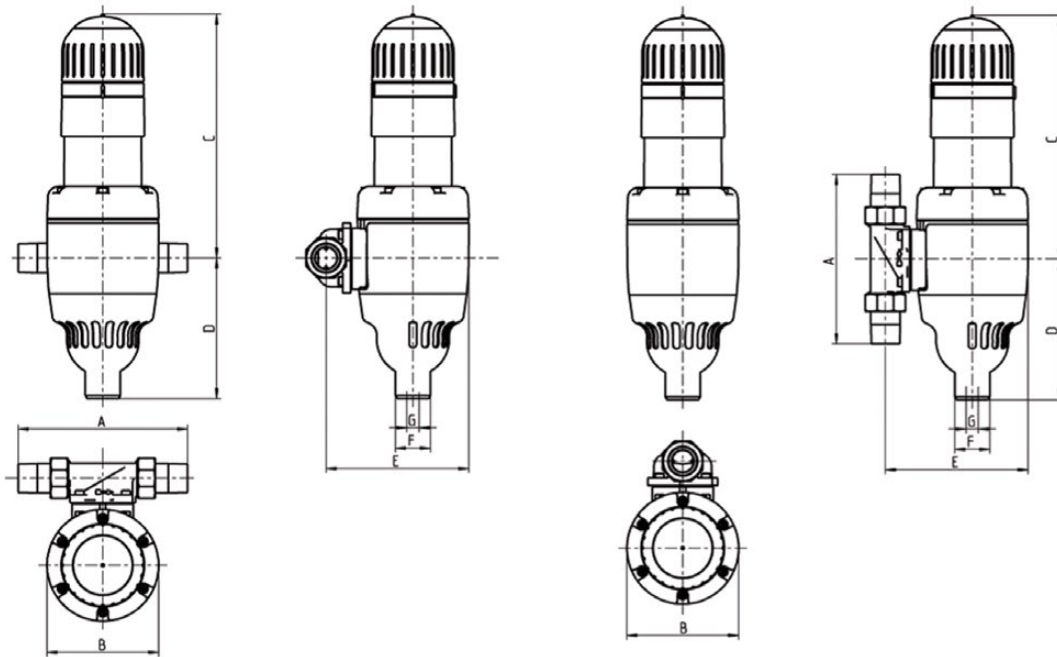


### JUDO JPF SERIES 50MM JPF PLUS: MANUAL BACKWASH

## FEATURES

- Manual or fully automatic screen cleaning by timer or pressure differential control
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- Standard 100 micron stainless steel screen, which is silver coated to inhibit bacterial growth
- 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

J8107013

### FLOW RATES

Max Flow Rate m<sup>3</sup>/hour (l/s) 22 (6.1)

### OPERATING PRESSURES (KPA)

Maximum working pressure 1600

Minimum pressure 200

Minimum outlet pressure N/A

### CONNECTIONS

Inlet/Outlet (BPSM) 2" (50mm)

### POWER

Power supply (Watts) N/A

Electrical supply (V/Hz) N/A

### TEMPERATURE

Max temperature 30

### WEIGHT (KG)

13

### FILTER SURFACE AREA (CM<sup>2</sup>)

217

### BACKWASH

Backwash water volume (Litres) 36-96

Backwash flow rate (l/sec) 0.3 - 0.8

Backwash cycle duration (Sec) Manual Control

### MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

### INSTALLED DIMENSIONS (MM)

A Installation length = 280

B Unit Width = 158

C Height above pipe centre = 402

D Height under pipe centre = 97

E Pipe centre to front = 215

F Backwash outlet = 20

G N/A

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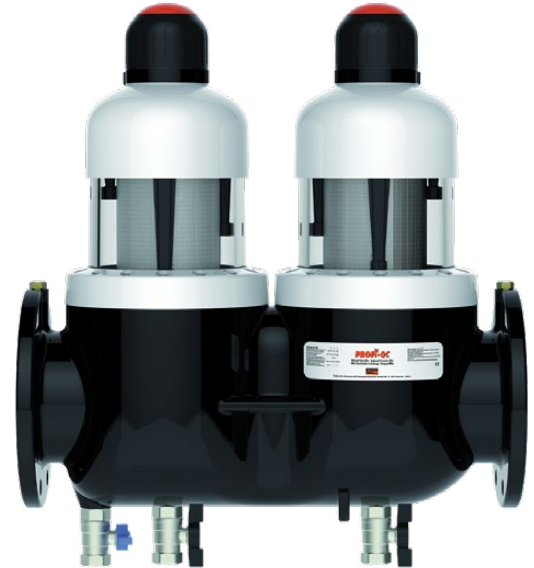
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 FILTRATION



## JPF-Plus 125mm

# 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.

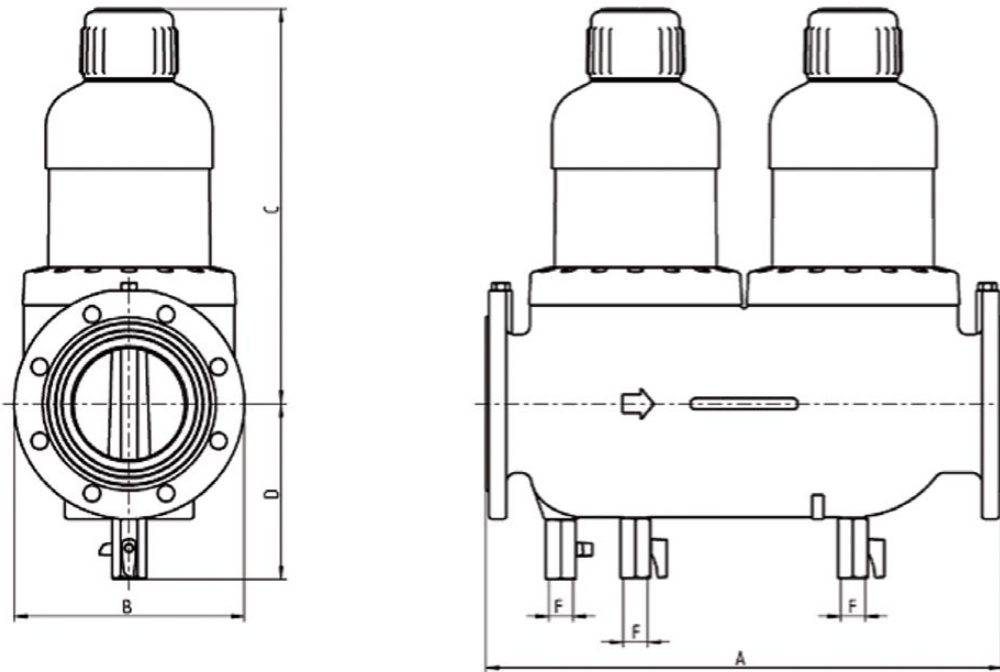


### JUDO JPF SERIES DN125 JPF PLUS: MANUAL BACKWASH

## FEATURES

- Manual or fully automatic screen cleaning by timer or pressure differential control
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- Standard 100 micron stainless steel screen, which is silver coated to inhibit bacterial growth
- No interruption to water flow during screen cleaning
- 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

J8010035

### FLOW RATES

Max Flow Rate m<sup>3</sup>/hour (l/s) 100.0 (27.7)

### OPERATING PRESSURES (KPA)

Maximum working pressure 1000

Minimum pressure 200

Minimum outlet pressure N/A

### CONNECTIONS

Inlet/Outlet (BPSM) 5" (DN125) Flange

### POWER

Power supply (Watts) N/A

Electrical supply (V/Hz) N/A

### TEMPERATURE

Max temperature 30

### WEIGHT (KG)

95

### FILTER SURFACE AREA (CM<sup>2</sup>)

1066

### BACKWASH

Backwash water volume (Litres) 120 -360

Backwash flow rate (l/sec) 0.5 - 1.5

Backwash cycle duration (Sec) Manual Control

### MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

### INSTALLED DIMENSIONS (MM)

A Installation length = 560

B Unit Width = 250

C Height above pipe centre = 505

D Height under pipe centre = 200

E N/A

F N/A

G N/A

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 FILTRATION

## JPF-Plus 150mm

# BACKWASH FILTER

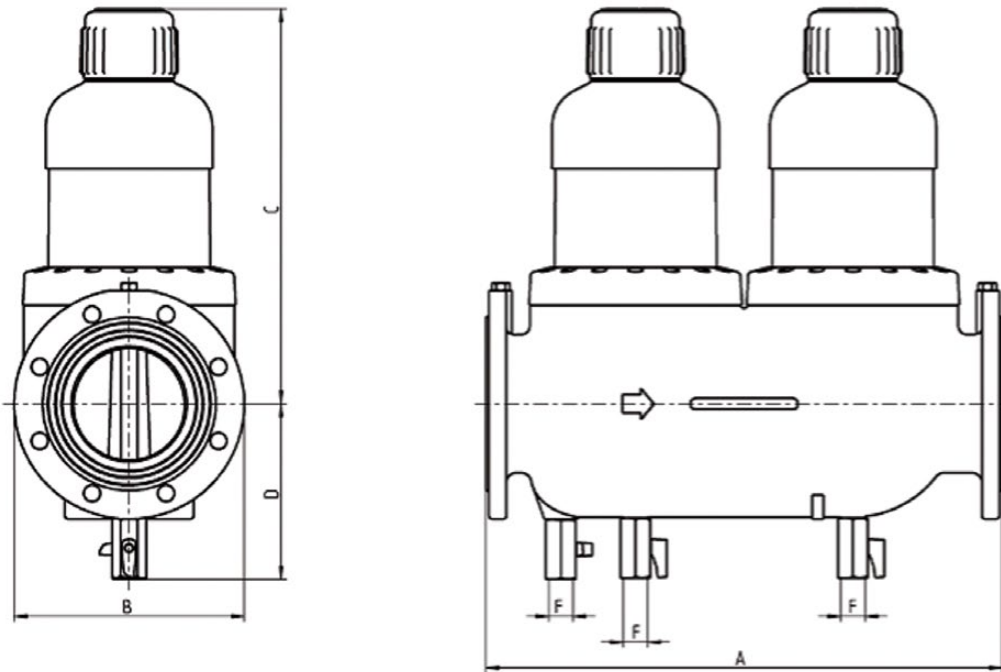
JUDO is engineered to eliminate suspended particles that lead to pitting, corrosion, and blockages, effectively addressing these common problems and safeguarding valuable assets.

### JUDO JPF SERIES DN150 JPF PLUS: MANUAL BACKWASH

## FEATURES

- Manual or fully automatic screen cleaning by timer or pressure differential control
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- Standard 100 micron stainless steel screen, which is silver coated to inhibit bacterial growth
- No interruption to water flow during screen cleaning
- 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

J8010036

### FLOW RATES

Max Flow Rate m<sup>3</sup>/hour (l/s) 150.0 (41.6)

### OPERATING PRESSURES (KPA)

Maximum working pressure 1000

Minimum pressure 200

Minimum outlet pressure N/A

### CONNECTIONS

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

### POWER

Power supply (Watts) N/A

Electrical supply (V/Hz) N/A

### TEMPERATURE

Max temperature 30

### WEIGHT (KG)

145

### FILTER SURFACE AREA (CM<sup>2</sup>)

1595

### BACKWASH

Backwash water volume (Litres) 180 - 540

Backwash flow rate (l/sec) 0.5 - 1.5

Backwash cycle duration (Sec) Manual Control

### MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

### INSTALLED DIMENSIONS (MM)

A Installation length = 560

B Unit Width = 470

C Height above pipe centre = 505

D Height under pipe centre = 220

E N/A

F N/A

G N/A

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## JPF-Plus 200mm BACKWASH FILTER

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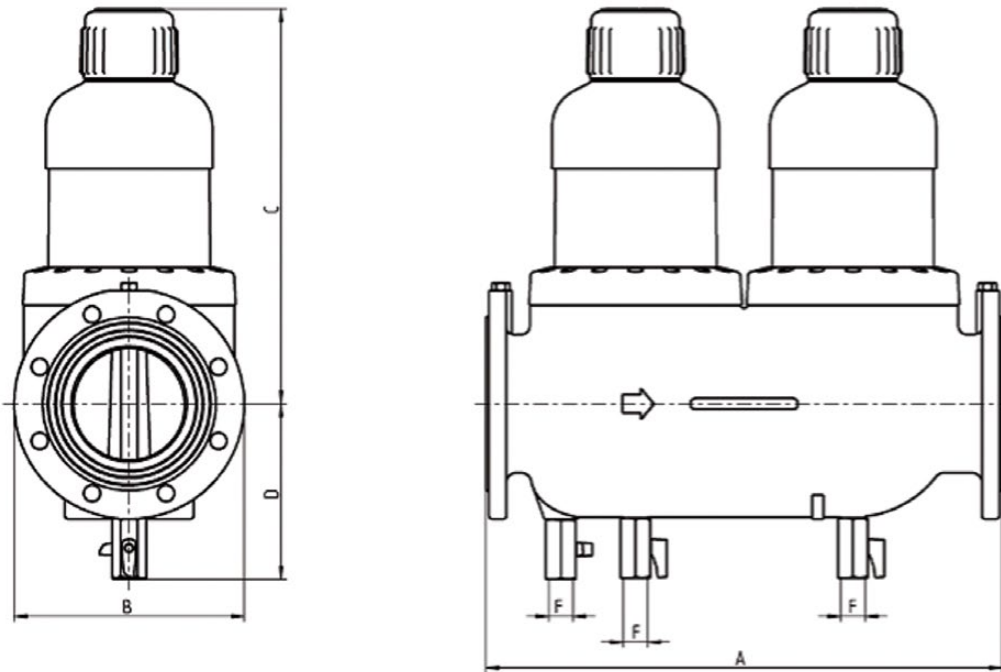


### JUDO JPF SERIES DN200 JPF PLUS: MANUAL BACKWASH

## FEATURES

- Manual or fully automatic screen cleaning by timer or pressure differential control
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- Standard 100 micron stainless steel screen, which is silver coated to inhibit bacterial growth
- No interruption to water flow during screen cleaning
- 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

J8010037

### FLOW RATES

Max Flow Rate m<sup>3</sup>/hour (l/s) 200.0 (55.5)

### OPERATING PRESSURES (KPA)

Maximum working pressure 1000

Minimum pressure 200

Minimum outlet pressure N/A

### CONNECTIONS

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

### POWER

Power supply (Watts) N/A

Electrical supply (V/Hz) N/A

### TEMPERATURE

Max temperature 30

### WEIGHT (KG)

200

### FILTER SURFACE AREA (CM<sup>2</sup>)

2130

### BACKWASH

Backwash water volume (Litres) 240 - 720

Backwash flow rate (l/sec) 0.5 - 1.5

Backwash cycle duration (Sec) Manual Control

### MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

### INSTALLED DIMENSIONS (MM)

A Installation length = 560

B Unit Width = 470

C Height above pipe centre = 505

D Height under pipe centre = 250

E N/A

F N/A

G N/A

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## JPF-Plus DN65

# 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.

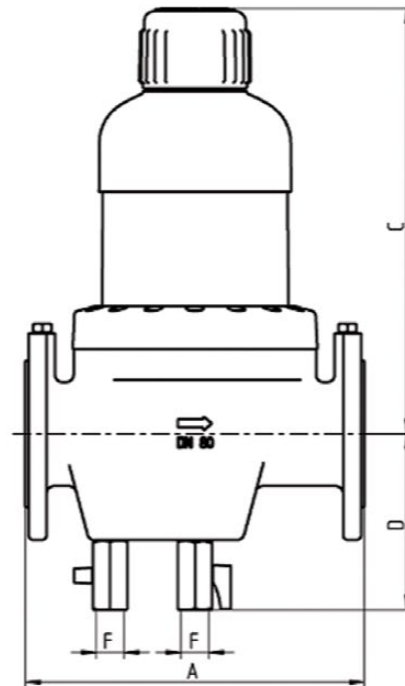
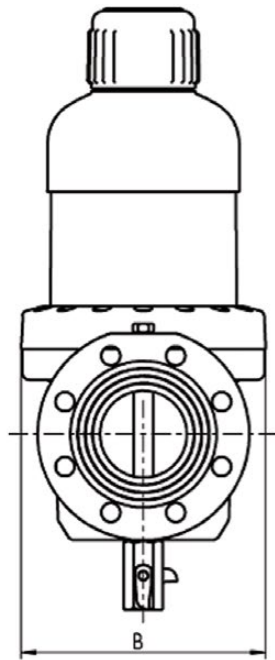


### JUDO JPF SERIES DN65 JPF PLUS: MANUAL BACKWASH

## FEATURES

- Manual or fully automatic screen cleaning by timer or pressure differential control
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- Standard 100 micron stainless steel screen, which is silver coated to inhibit bacterial growth
- No interruption to water flow during screen cleaning
- 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

J8107014

### FLOW RATES

Max Flow Rate m<sup>3</sup>/hour (l/s) 28.0 (7.7)

### OPERATING PRESSURES (KPA)

Maximum working pressure 1000

Minimum pressure 200

Minimum outlet pressure N/A

### CONNECTIONS

Inlet/Outlet (BPSM) 2 1/2" DN65 Flange

### POWER

Power supply (Watts) N/A

Electrical supply (V/Hz) N/A

### TEMPERATURE

Max temperature 30

### WEIGHT (KG)

18

### FILTER SURFACE AREA (CM<sup>2</sup>)

217

### BACKWASH

Backwash water volume (Litres) 36-96

Backwash flow rate (l/sec) 0.3 - 0.8

Backwash cycle duration (Sec) Manual Control

### MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

### INSTALLED DIMENSIONS (MM)

A Installation length = 240

B Unit Width = 185

C Height above pipe centre = 405

D Height under pipe centre = 159

E N/A

F Backwash outlet = 20

G N/A

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## JPF-Plus DN80

# 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.

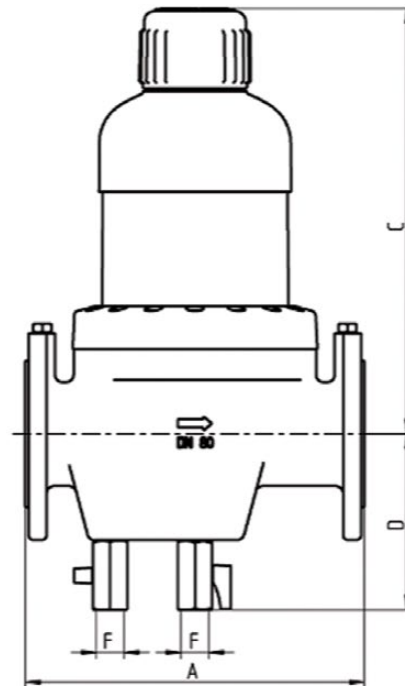
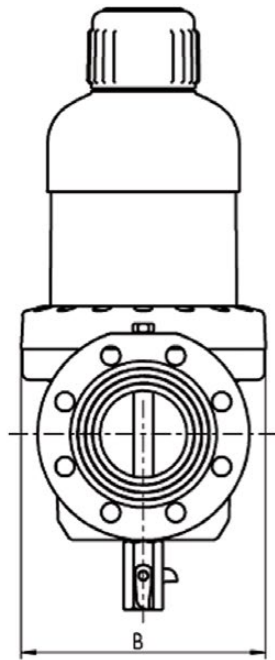


### JUDO JPF SERIES DN80 JPF PLUS: MANUAL BACKWASH

## FEATURES

- Manual or fully automatic screen cleaning by timer or pressure differential control
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- Standard 100 micron stainless steel screen, which is silver coated to inhibit bacterial growth
- No interruption to water flow during screen cleaning
- 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

J8010033

## FLOW RATES

Max Flow Rate m<sup>3</sup>/hour (l/s) 65.0 (18.0)

## OPERATING PRESSURES (KPA)

Maximum working pressure 1000

Minimum pressure 200

Minimum outlet pressure N/A

## CONNECTIONS

Inlet/Outlet (BPSM) 3" DN80 Flange

## POWER

Power supply (Watts) N/A

Electrical supply (V/Hz) N/A

## TEMPERATURE

Max temperature 30

## WEIGHT (KG)

33

## FILTER SURFACE AREA (CM<sup>2</sup>)

533

## BACKWASH

Backwash water volume (Litres) 60-180

Backwash flow rate (l/sec) 0.5-1.5

Backwash cycle duration (Sec) Manual Control

## MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

## INSTALLED DIMENSIONS (MM)

A Installation length = 320

B Unit Width = 232

C Height above pipe centre = 475

D Height under pipe centre = 166

E N/A

F Backwash outlet = 20

G N/A

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## JPF-Plus DN100

# BACKWASH FILTER

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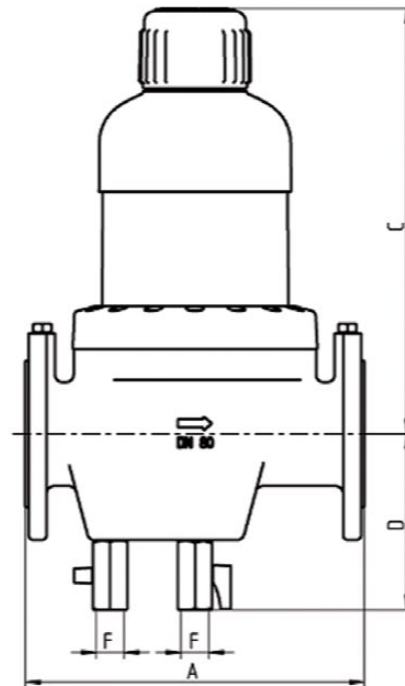
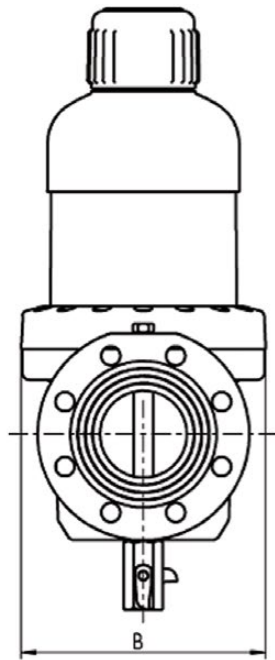


### JUDO JPF SERIES DN100 JPF PLUS: MANUAL BACKWASH

## FEATURES

- Manual or fully automatic screen cleaning by timer or pressure differential control
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- Standard 100 micron stainless steel screen, which is silver coated to inhibit bacterial growth
- No interruption to water flow during screen cleaning
- 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

J8010034

### FLOW RATES

Max Flow Rate m<sup>3</sup>/hour (l/s) 78.0 (21.6)

### OPERATING PRESSURES (KPA)

Maximum working pressure 1000

Minimum pressure 200

Minimum outlet pressure N/A

### 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

### WEIGHT (KG)

36

### FILTER SURFACE AREA (CM<sup>2</sup>)

533

### BACKWASH

Backwash water volume (Litres) 60-180

Backwash flow rate (l/sec) 0.5-1.5

Backwash cycle duration (Sec) Manual Control

### MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

### INSTALLED DIMENSIONS (MM)

A Installation length = 320

B Unit Width = 232

C Height above pipe centre = 485

D Height under pipe centre = 176

E N/A

F Backwash outlet = 20

G N/A

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