JPF-M 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.

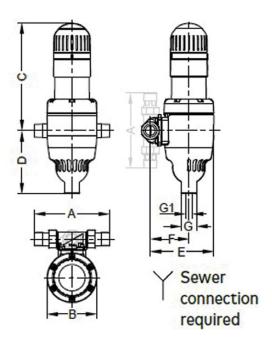


JUDO JPF MANUAL BACKWASH SERIES

- · Manual backwash function
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- · Standard 100 micron stainless steel
- 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





OPERATIONAL REQUIREMENTS

PRODUCT CODE

J8010073

FLOW RATES

Max Flow Rate m³/hour (I/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) N/A

Electrical supply (V/Hz) N/A

TEMPERATURE

Max temperature 30

Standard filtration fineness of 100 μ m. Special filtration finenesses available on request with 30/320 and 500 μ m. 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 (CM2)

103.7

BACKWASH

Backwash water volume (Litres) 25-48

Backwash flow rate (I/sec) 0.2 - 0.4

Backwash cycle duration (Sec) Manual Control

MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

INSTALLED DIMENSIONS (MM)

| Α | 195mm |
|----|-------|
| В | 130mm |
| С | 280mm |
| D | 165mm |
| Е | 165mm |
| F | 100mm |
| G | 40mm |
| G1 | 14mm |
| | |

Н



JPF-M 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.

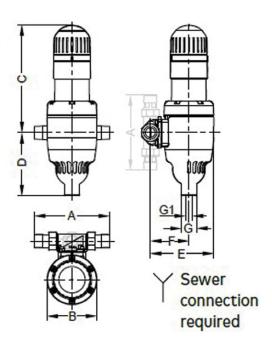


JUDO JPF MANUAL BACKWASH SERIES

- · Manual backwash function
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- · Standard 100 micron stainless steel
- 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





OPERATIONAL REQUIREMENTS

PRODUCT CODE

J8010074

FLOW RATES

Max Flow Rate m³/hour (I/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) N/A

Electrical supply (V/Hz) N/A

TEMPERATURE

Max temperature 30

Standard filtration fineness of 100 μ m. Special filtration finenesses available on request with 30/320 and 500 μ m. 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 (CM2)

103.7

BACKWASH

Backwash water volume (Litres) 25-49

Backwash flow rate (I/sec) 0.2 - 0.4

Backwash cycle duration (Sec) Manual Control

MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

INSTALLED DIMENSIONS (MM)

| Α | 230mm |
|----|-------|
| В | 130mm |
| С | 280mm |
| D | 165mm |
| Е | 170mm |
| F | 105mm |
| G | 40mm |
| G1 | 14mm |
| | |



JPF-M 40mm 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.

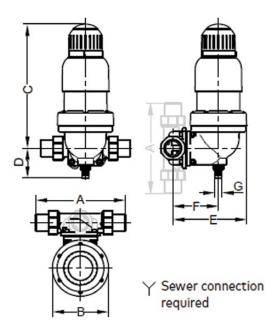


JUDO JPF MANUAL BACKWASH SERIES

- · Manual backwash function
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- · Standard 100 micron stainless steel
- 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





OPERATIONAL REQUIREMENTS

PRODUCT CODE

J8107012

FLOW RATES

Max Flow Rate m³/hour (I/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) N/A

Electrical supply (V/Hz) N/A

TEMPERATURE

Max temperature 30

Standard filtration fineness of 100 μ m. Special filtration finenesses available on request with 30/320 and 500 μ m. 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)

9

FILTER SURFACE AREA (CM2)

217

BACKWASH

Backwash water volume (Litres) 36-96

Backwash flow rate (I/sec) 0.3 - 0.8

Backwash cycle duration (Sec) Manual Control

MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

INSTALLED DIMENSIONS (MM)

| Α | 252mm |
|----|-------|
| В | 158mm |
| С | 348mm |
| D | 84mm |
| Е | 207mm |
| F | 128mm |
| G | 20mm |
| G1 | - |
| Н | |



JPF-M 50mm

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.

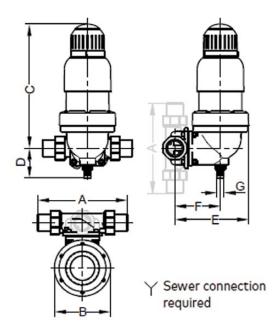


JUDO JPF MANUAL BACKWASH SERIES

- · Manual backwash function
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- · Standard 100 micron stainless steel
- 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





OPERATIONAL REQUIREMENTS

PRODUCT CODE

J8107013

FLOW RATES

Max Flow Rate m³/hour (I/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) N/A

Electrical supply (V/Hz) N/A

TEMPERATURE

Max temperature 30

Standard filtration fineness of 100 μ m. Special filtration finenesses available on request with 30/320 and 500 μ m. 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)

10.5

FILTER SURFACE AREA (CM2)

217

BACKWASH

Backwash water volume (Litres) 36-96

Backwash flow rate (I/sec) 0.3 - 0.8

Backwash cycle duration (Sec) Manual Control

MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

INSTALLED DIMENSIONS (MM)

| Α | 280mm |
|----|-------|
| В | 158mm |
| С | 348mm |
| D | 84mm |
| Е | 215mm |
| F | 136mm |
| G | 20mm |
| G1 | - |
| | |



JPF-M 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.

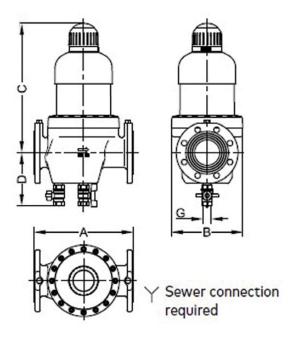


JUDO JPF MANUAL BACKWASH SERIES

- · Manual backwash function
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- · Standard 100 micron stainless steel
- 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





OPERATIONAL REQUIREMENTS

PRODUCT CODE

J8107014

FLOW RATES

Max Flow Rate m³/hour (I/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) N/A

Electrical supply (V/Hz) N/A

TEMPERATURE

Max temperature 30

Standard filtration fineness of 100 μ m. Special filtration finenesses available on request with 30/320 and 500 μ m. 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)

15

FILTER SURFACE AREA (CM2)

217

BACKWASH

Backwash water volume (Litres) 36-96

Backwash flow rate (I/sec) 0.3 - 0.8

Backwash cycle duration (Sec) Manual Control

MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

INSTALLED DIMENSIONS (MM)

| Α | 240mm |
|----|-------|
| В | 185mm |
| С | 350mm |
| D | 163mm |
| Е | - |
| F | - |
| G | 20mm |
| G1 | - |
| Н | |



JPF-M 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.

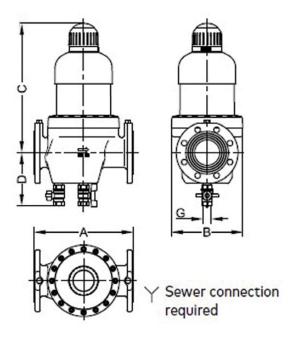


JUDO JPF MANUAL BACKWASH SERIES

- · Manual backwash function
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- · Standard 100 micron stainless steel
- 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





OPERATIONAL REQUIREMENTS

PRODUCT CODE

J8010033

FLOW RATES

Max Flow Rate m³/hour (I/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) N/A

Electrical supply (V/Hz) N/A

TEMPERATURE

Max temperature 30

Standard filtration fineness of 100 μ m. Special filtration finenesses available on request with 30/320 and 500 μ m. 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)

29

FILTER SURFACE AREA (CM²)

533

BACKWASH

Backwash water volume (Litres) 60-180

Backwash flow rate (I/sec) 0.5-1.5

Backwash cycle duration (Sec) Manual Control

MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

INSTALLED DIMENSIONS (MM)

| Α | 320mm |
|----|-------|
| В | 231mm |
| С | 419mm |
| D | 172mm |
| Е | - |
| F | - |
| G | 20mm |
| G1 | - |
| | |



JPF-M DN100 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.

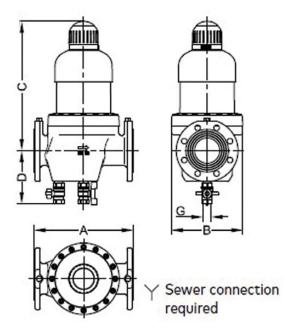


JUDO JPF MANUAL BACKWASH SERIES

- · Manual backwash function
- Extremely efficient screen cleaning ratio of 1:1 using point rotation principle
- · Standard 100 micron stainless steel
- 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





OPERATIONAL REQUIREMENTS

PRODUCT CODE

J8010034

FLOW RATES

Max Flow Rate m³/hour (I/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 μ m. Special filtration finenesses available on request with 30/320 and 500 μ m. 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)

31

FILTER SURFACE AREA (CM²)

533

BACKWASH

Backwash water volume (Litres) 60-180

Backwash flow rate (I/sec) 0.5-1.5

Backwash cycle duration (Sec) Manual Control

MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

INSTALLED DIMENSIONS (MM)

| Α | 320mm |
|---|-------|
| В | 231mm |
| С | 426mm |
| D | 182mm |
| Е | - |
| F | - |
| G | 20mm |
| G | - |
| Н | _ |



JPF-M DN125

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.

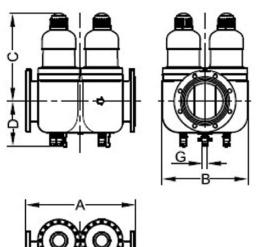


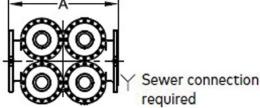
JUDO JPF MANUAL BACKWASH SERIES

- · Manual backwash function
- 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







OPERATIONAL REQUIREMENTS

PRODUCT CODE

J8010035

FLOW RATES

Max Flow Rate m³/hour (I/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) N/A

Electrical supply (V/Hz) N/A

TEMPERATURE

Max temperature 30

Standard filtration fineness of 100 μ m. Special filtration finenesses available on request with 30/320 and 500 μ m. 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)

80

FILTER SURFACE AREA (CM2)

1066

BACKWASH

Backwash water volume (Litres) 120 -360

Backwash flow rate (I/sec) 0.5 - 1.5

Backwash cycle duration (Sec) Manual Control

MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

INSTALLED DIMENSIONS (MM)

| Α | 560mm |
|----|-------|
| В | 250mm |
| С | 446mm |
| D | 197mm |
| Е | - |
| F | - |
| G | 20mm |
| G1 | - |
| Н | _ |



JPF-M DN150

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.

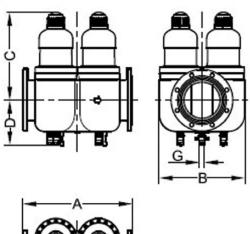


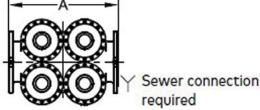
JUDO JPF MANUAL BACKWASH SERIES

- · Manual backwash function
- 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







OPERATIONAL REQUIREMENTS

PRODUCT CODE

J8010036

FLOW RATES

Max Flow Rate m³/hour (I/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) N/A

Electrical supply (V/Hz) N/A

TEMPERATURE

Max temperature 30

Standard filtration fineness of 100 μ m. Special filtration finenesses available on request with 30/320 and 500 μ m. 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)

122

FILTER SURFACE AREA (CM2)

1595

BACKWASH

Backwash water volume (Litres) 180 - 540
Backwash flow rate (I/sec) 0.5 - 1.5

Backwash cycle duration (Sec) Manual Control

MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

INSTALLED DIMENSIONS (MM)

| Α | 560mm |
|----|-------|
| В | 474mm |
| С | 469mm |
| D | 215mm |
| Е | - |
| F | - |
| G | 20mm |
| G1 | - |
| Н | _ |



FILTER

JPF-M DN200 BACKWASH

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

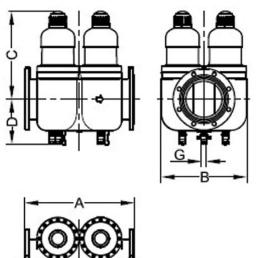


JUDO JPF MANUAL BACKWASH SERIES

- · Manual backwash function
- 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







OPERATIONAL REQUIREMENTS

PRODUCT CODE

J8010037

FLOW RATES

Max Flow Rate m³/hour (I/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) N/A

Electrical supply (V/Hz) N/A

TEMPERATURE

Max temperature 30

Standard filtration fineness of 100 μ m. Special filtration finenesses available on request with 30/320 and 500 μ m. 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)

188

FILTER SURFACE AREA (CM2)

2130

BACKWASH

Backwash water volume (Litres) 240 - 720

Backwash flow rate (I/sec) 0.5 - 1.5

Backwash cycle duration (Sec) Manual Control

MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE

20kPa

INSTALLED DIMENSIONS (MM)

| Α | 600mm |
|----|-------|
| В | 474mm |
| С | 485mm |
| D | 246mm |
| Е | - |
| F | |
| G | 20mm |
| G1 | - |
| | · |

