

# JUDO

DATASHEET

## JSY-LF-A 25mm Timer Controlled 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 JSY SERIES 25MM JSY-LF-A:  
AUTOMATIC; TIMER CONTROLLED WITH  
VOLT FREE CONTACTS**

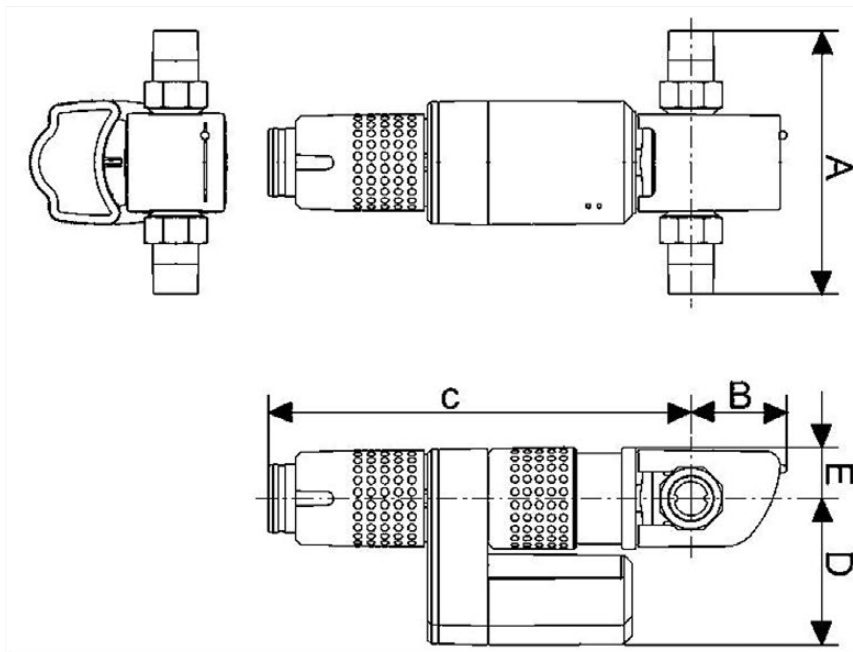
## FEATURES

- Automatic backwash via timer control (Adjustable settings of 24hr, weekly, monthly, and 2 monthly)
- Efficient screen cleaning with rotating arms 100 micron stainless steel screen
- 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
- Quality guaranteed
- German design and manufacture

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FILTRATION

# PLANS/DRAWINGS



## OPERATIONAL REQUIREMENTS

### PRODUCT CODE

J8070698

### FLOW RATES

Max Flow Rate m<sup>3</sup>/hour (l/s) 7.1 (1.9)

### 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)

2.6

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

85

### BACKWASH

Backwash water volume (Litres) 12

Backwash flow rate (l/sec) 0.3

Backwash cycle duration (Sec) Manual Control

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

20kPa

### INSTALLED DIMENSIONS (MM)

A Installation length = 195

B Height above pipe centre = 75

C Height under pipe centre = 313

D Pipe centre to front = 108

E Depth to pipe centre = 38

F N/A

G N/A

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DATASHEET

## JSY-LF-A 32mm Timer Controlled 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 JSY SERIES 32MM JSY-LF-A:  
AUTOMATIC; TIMER CONTROLLED  
WITH VOLT FREE CONTACTS**

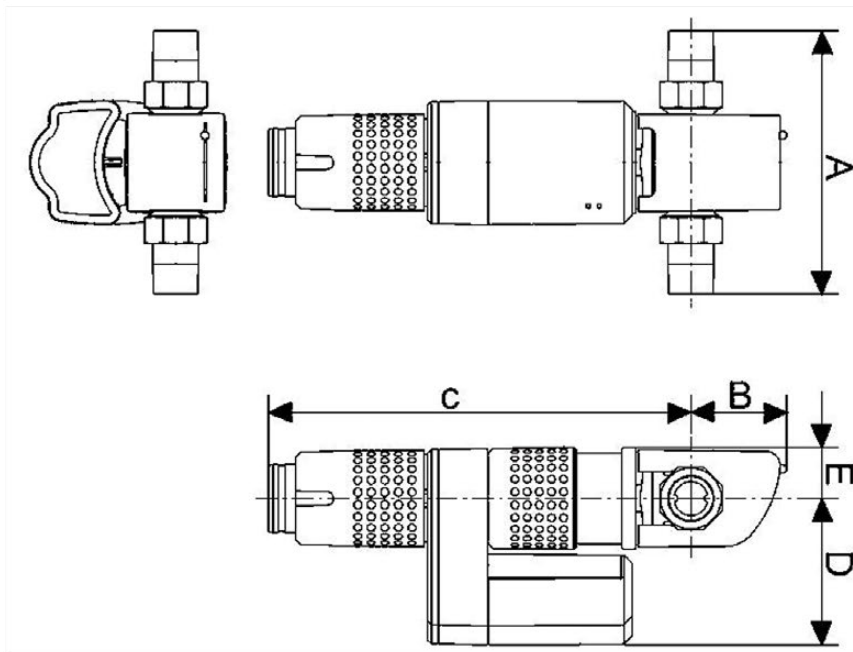
## FEATURES

- Automatic backwash via timer control (Adjustable settings of 24hr, weekly, monthly, and 2 monthly)
- Efficient screen cleaning with rotating arms 100 micron stainless steel screen
- 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
- Quality guaranteed
- German design and manufacture

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# PLANS/DRAWINGS



## OPERATIONAL REQUIREMENTS

### PRODUCT CODE

J8070699

### FLOW RATES

Max Flow Rate m<sup>3</sup>/hour (l/s) 7.3 (2.0)

### 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)

3

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

85

### BACKWASH

Backwash water volume (Litres) 12

Backwash flow rate (l/sec) 0.3

Backwash cycle duration (Sec) Manual Control

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

20kPa

### INSTALLED DIMENSIONS (MM)

A Installation length = 230

B Height above pipe centre = 71

C Height under pipe centre = 317

D Pipe centre to front = 108

E Depth to pipe centre = 38

F N/A

G N/A

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## JSY-LF-A 40mm BACKWASH FILTER

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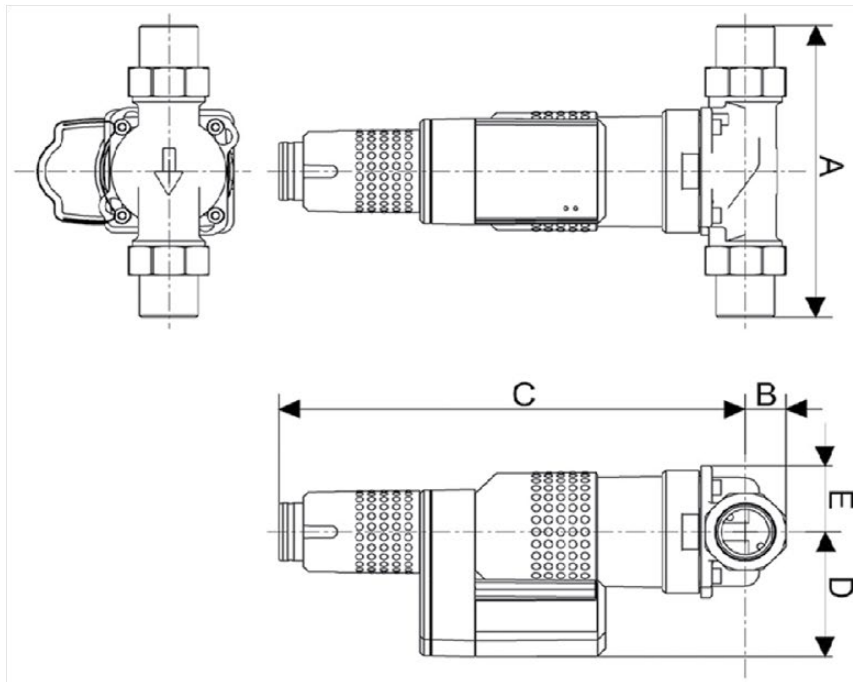


**JUDO JSY SERIES 40MM JSY-LF-A:  
AUTOMATIC; TIMER CONTROLLED WITH  
VOLT FREE CONTACTS**

## FEATURES

- Manual backwash function
- Efficient screen cleaning with rotating arms 100 micron stainless steel screen
- 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
- Quality guaranteed
- German design and manufacture

# PLANS/DRAWINGS



# OPERATIONAL REQUIREMENTS

PRODUCT CODE	
J8070700	
FLOW RATES	
Max Flow Rate m <sup>3</sup> /hour (l/s)	12.2 (304)
OPERATING PRESSURES (KPA)	
Maximum working pressure	1000
Minimum pressure	200
Minimum outlet pressure	N/A
CONNECTIONS	
Inlet/Outlet (BPSM)	1 1/2" (40mm)
POWER	
Power supply (Watts)	0.5mA
Electrical supply (V/Hz)	230/50 with a 9 volt plug pack
TEMPERATURE	
Max temperature	30
WEIGHT (KG)	
1.8	

FILTER SURFACE AREA (CM <sup>2</sup> )	
200	
BACKWASH	
Backwash water volume (Litres)	12
Backwash flow rate (l/sec)	0.3
Backwash cycle duration (Sec)	40
MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE	
20kPa	
INSTALLED DIMENSIONS (MM)	
A	Installation length = 252
B	Height above pipe centre = 35
C	Height under pipe centre = 385
D	Pipe centre to front = 108
E	Depth to pipe centre = 57
F	N/A
G	N/A

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## JSY-LF-A 50mm BACKWASH FILTER

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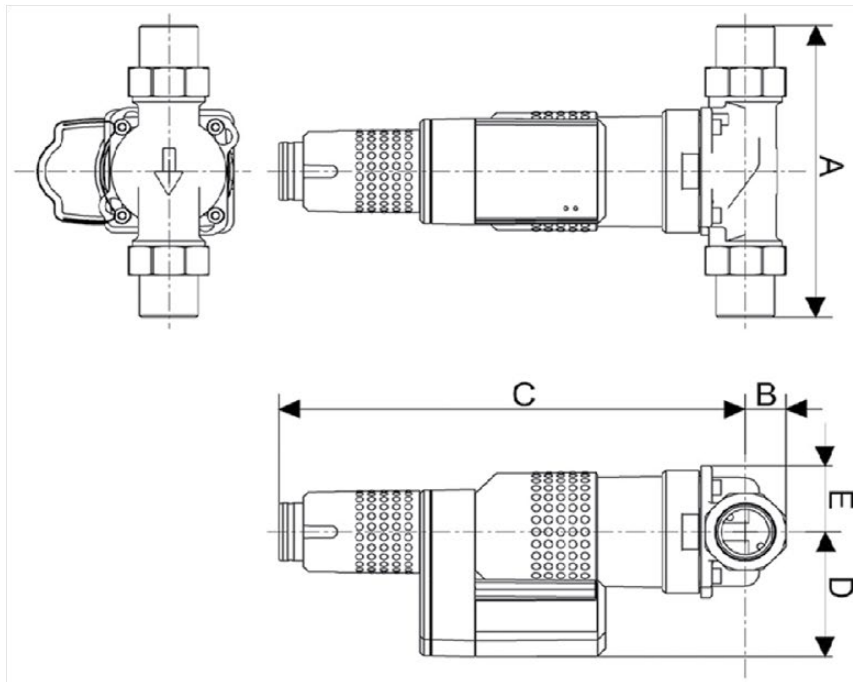


**JUDO JSY SERIES 50MM JSY-LF-A:  
AUTOMATIC; TIMER CONTROLLED WITH  
VOLT FREE CONTACTS**

## FEATURES

- Manual backwash function
- Efficient screen cleaning with rotating arms 100 micron stainless steel screen
- 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
- Quality guaranteed
- German design and manufacture

# PLANS/DRAWINGS



# OPERATIONAL REQUIREMENTS

PRODUCT CODE	
J8070701	
FLOW RATES	
Max Flow Rate m <sup>3</sup> /hour (l/s)	15.1 (4.2)
OPERATING PRESSURES (KPA)	
Maximum working pressure	1000
Minimum pressure	200
Minimum outlet pressure	N/A
CONNECTIONS	
Inlet/Outlet (BPSM)	2" (50mm)
POWER	
Power supply (Watts)	0.5mA
Electrical supply (V/Hz)	230/50 with a 9 volt plug pack
TEMPERATURE	
Max temperature	30
WEIGHT (KG)	
2.2	

FILTER SURFACE AREA (CM <sup>2</sup> )	
200	
BACKWASH	
Backwash water volume (Litres)	12
Backwash flow rate (l/sec)	0.3
Backwash cycle duration (Sec)	40
MAXIMUM PRESSURE LOSS (KPA) AT MAX FLOW RATE	
20kPa	
INSTALLED DIMENSIONS (MM)	
A	Installation length = 280
B	Height above pipe centre = 43
C	Height under pipe centre = 395
D	Pipe centre to front = 108
E	Depth to pipe centre = 57
F	N/A
G	N/A

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