

JUDO JPF Series



JUDO backwash filters

- 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

JUDO JPF Series 40mm, 50mm

| Backwash options | JPF 40mm | JPF 50mm |
|---------------------------------------------------------------------|-------------------------------------------|------------------------------------------|
| Manual | JPF Plus 40mm (1½") P/N 8107012 | JPF Plus 50mm (2") P/N 8107013 |
| Timer control 4hr, 8hr, 24hr, 1wk, 1mth | JPF AT 40mm (1½") P/N 8307012 | JPF AT 50mm (2") P/N 8307013 |
| Timer control with VOLT free contacts | JPF AT 40mm (1½") VF P/N 8307012 / VF | JPF AT 50mm (2") VF P/N 8307013 / VF |
| Pressure differential / Timer control | JPF ATP 40mm (1½") P/N 8020069 | JPF ATP 50mm (2") P/N 8020073 |
| Pressure differential / Timer control with VOLT free contacts | JPF ATP 40mm (1½") VF P/N 8020069 / VF | JPF ATP 50mm (2") VF P/N 8020073 / VF |

JUDO JPF Series 40mm, 50mm

Specifications

| | JPF 40mm (1½") | JPF 50mm (2") |
|------------------------|-----------------------------|-----------------------------|
| Maximum flow rate | 266 l/m - 4.44 l/sec | 283 l/m - 4.72 l/sec |
| Maximum pressure | 1600 kpa | 1600 kpa |
| Minimum pressure | 200 kpa | 200 kpa |
| Inlet / Outlet size | 1½" (40mm) BPSM | 2" (50mm) BPSM |
| Screen surface area | 217 cm ² | 217cm ² |
| Maximum temperature | 30°C | 30°C |
| Weight | 12.0 kg | 13.0 kg |
| Backwash time | 2 minutes | 2 minutes |
| Backwash flow rate | 0.3 - 0.8 l/sec | 0.3 - 0.8 l/sec |
| Backwash volume | 36 litres - 96 litres | 36 litres - 96 litres |
| Power requirements | 10 amp GPO | 10 amp GPO |
| Screen sizes available | 30, 50, 100 (Std), 320, 500 | 30, 50, 100 (Std), 320, 500 |

Installed dimensions (mm)

| JPF Series | A/T 40mm | A/T 50mm | A/TP 40mm | A/TP 50mm |
|------------------------------|---------------------|---------------------|----------------------|----------------------|
| A = Fitting length | 252 | 280 | 252 | 280 |
| B = Unit width | 158 | 158 | 158 | 158 |
| C = Height above pipe centre | 402 | 402 | 402 | 402 |
| D = Height below pipe centre | 97 | 97 | 97 | 97 |
| E = Depth to pipe centre | 207 | 215 | 227 | 235 |
| F = Backwash outlet | 20 | 20 | 20 | 20 |

