

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 DN65, DN80, DN100

Backwash options	JPF DN65	JPF DN80	JPF DN100
Manual	JPF Plus DN65 (2½") P/N J8107014	JPF Plus DN80 (3") P/N J8010033	JPF Plus DN100 (4") P/N J8010034
Timer control 4hr, 8hr, 24hr, 1wk, 1mth	JPF AT DN65 (2½") P/N J8025005	JPF AT DN80 (3") P/N J8025006	JPF AT DN100 (4") P/N J8025007
Timer control with VOLT free contacts	JPF AT DN65 (2½") VF P/N J8025005 / VF	JPF AT DN80 (3") VF P/N J8025006 / VF	JPF AT DN100 (4") VF P/N J8025007 / VF
Pressure differential / Timer control	JPF ATP DN65 (2½") P/N J8025008	JPF ATP DN80 (3") P/N J8025009	JPF ATP DN100 (4") P/N J8025010
Pressure differential / Timer control with VOLT free contacts	JPF ATP DN65 (2½") VF P/N J8025008 / VF	JPF ATP DN80 (3") VF P/N J8025009 / VF	JPF ATP DN100 (4") VF P/N J8025010 / VF

JUDO JPF Series DN65, DN80, DN100

Specifications

	JPF DN65 (2½")	JPF DN80 (3")	JPF DN100 (4")
Maximum flow rate	510 l/m - 8.5 l/sec	1080 l/m - 18.0 l/sec	1296 l/m - 21.6 l/sec
Pressure class	PN16	PN10	PN10
Minimum pressure	200 kpa	200 kpa	200 kpa
Inlet / Outlet size	2½" DN65 Flange	3" DN80 Flange	4" DN100 Flange
Screen surface area	217cm ²	533cm ²	533cm ²
Maximum temperature	30°C	30°C	30°C
Weight	18.0 kg	33.0 kg	36.0 kg
Backwash time	2 minutes	2 minutes	2 minutes
Backwash flow rate	0.3 - 0.8 l/sec	0.5 - 1.5 l/sec	0.5 - 1.5 l/sec
Backwash volume	36 litres - 96 litres	60 litres - 180 litres	60 litres - 180 litres
Power requirements	10 amp GPO	10 amp GPO	10 amp GPO
Screen sizes available	30, 50, 100 (Std), 320, 500	30, 50, 100 (Std), 320, 500	30, 50, 100 (Std), 320, 500

Installed dimensions (mm)

JPF Series	A/T DN65	A/T DN80	A/T DN100	A/TP DN65	A/TP DN80	A/TP DN100
A = Fitting length	240	320	320	240	320	320
B = Unit width	185	232	232	185	232	232
C = Height above pipe centre	405	475	485	405	475	485
D = Height below pipe centre	159	166	176	159	166	176
E = Depth to pipe centre	-	-	-	-	-	-
F = Backwash outlet	20	20	20	20	20	20

