

Water pressure reducers/water filters

Backwash filters for drinking and industrial water

PN 16

Version: Backwash filter (DVGW component tested) for filtering drinking and industrial use water, as well as chemical free coolant water in flow cooling systems (not water circuits). Protects the tubes and the connected system pieces from functional failures and corrosion damage from foreign particles contained in the water like rust particles, chippings, sand, hemp etc. The filter element is cleaned by manual backwashing (washing out the dirt particles) at regular intervals. The dirt that is rinsed out and the rinsing water can be drained over a hose or HT tube.

Materials: Body: Brass, sieve bowl: Clear special plastic

Temperature range: +5°C to max. +40°C (medium +5°C to max. +30°C)

Input pressure: 2 to 16 bar

Pore width in the filter: 90 µm

Rinse water connection: Hose nozzle 13 mm or HT tube Ø 50 mm

Media: Drinking and industrial water as well as chemical-free water for the most diverse industrial applications (no circulation water)

Type	Thread	DN	L 1	L 2	H	Max. flow*
FWR 34 F	R 3/4"	20	100	184	353	50 l/min
FWR 10 F	R 1"	25	100	184	353	58 l/min
FWR 114 F	R 1 1/4"	32	100	184	353	66 l/min
FWR 112	R 1 1/2"	40	125	240	500	150 l/min
FWR 20	R 2"	50	125	260	500	183 l/min
Replacement parts						
FWR EF 34114 F	Filter inserts for size 3/4" to 1 1/4"					
FWR EF 11220	Filter inserts for size 1 1/2" and 2"					
FWR EG 34114 F	Replacement filter cup for size 3/4" to 1 1/4"					
FWR EG 11220	Replacement filter cup for size 1 1/2" and 2"					

* at Δp = 0.2 bar



Backwash filters with pressure reducers for drinking and industrial water

PN 16

Version: Combination unit for pressure regulation and filtration (DVGW component tested) of drinking water and water for industrial use, as well as chemical free cooling water for flow cooling (not water circuit). Protects the tubes and the connected system pieces from functional failures and corrosion damage from foreign particles contained in the water like rust particles, chippings, sand, hemp etc. The filter element is cleaned by manual backwashing (washing out the dirt particles) at regular intervals. The dirt that is rinsed out and the rinsing water can be drained over a hose or HT tube.

Materials: Body: Brass, sieve bowl: Clear special plastic, spring hood: Plastic with adjustment scale for setpoint pressure

Temperature range: +5°C to max. +40°C (medium +5°C to max. +30°C)

Input pressure: 2 to 16 bar

Pore width in the filter: 90 µm

Rinse water connection: Hose nozzle 13 mm or HT tube Ø 50 mm

Media: Drinking and industrial water as well as chemical-free water for the most diverse industrial applications (no circulation water)

Type	Thread	DN	L 1	L 2	H	Max. flow*	Pressure regulation range
FRWR 34 F	R 3/4"	20	100	213	393	50 l/min	2 - 6 bar
FRWR 10 F	R 1"	25	100	213	393	58 l/min	2 - 6 bar
FRWR 114 F	R 1 1/4"	32	100	213	393	66 l/min	2 - 6 bar
FRWR 112	R 1 1/2"	40	125	240	500	150 l/min	2 - 6 bar
FRWR 20	R 2"	50	125	260	500	183 l/min	2 - 6 bar
Replacement parts							
FWR EF 34114 F	Filter inserts for size 3/4" to 1 1/4"						
FWR EF 11220	Filter inserts for size 1 1/2" and 2"						
FWR EG 34114 F	Replacement filter cup for size 3/4" to 1 1/4"						
FWR EG 11220	Replacement filter cup for size 1 1/2" and 2"						

* at Δp = 0.2 bar



Microfilters for drinking and industrial water

PN 16

Version: Microfilter (DVGW component tested) for filtering drinking and industrial use water, as well as chemical free coolant water in flow cooling systems (not water circuits). Protects the tubes and the connected system parts from functional failures and corrosion damage from foreign particles contained in the water like rust particles, chippings, sand, hemp etc.

Materials: Body: Brass, sieve bowl: Clear special plastic

Temperature range: Up to max. +40°C (medium max. +30°C)

Input pressure: Max. 16 bar

Pore width in the filter: 90 µm

Media: Drinking and industrial water as well as chemical-free water for the most diverse industrial applications (no circulation water)

Type	Thread	DN	L 1	L 2	H	Max. flow*
FW 34	R 3/4"	20	120	206	300	66 l/min
FW 10	R 1"	25	120	206	300	91 l/min
FW 114	R 1 1/4"	32	120	220	300	100 l/min
FW 112	R 1 1/2"	40	140	254	290	150 l/min
FW 20	R 2"	50	140	274	290	200 l/min
Replacement parts						
FW EF 34114	Filter inserts for size 3/4" to 1 1/4"					
FW EF 11220	Filter inserts for size 1 1/2" to 2"					
FW EG 34114	Replacement filter cup for size 3/4" to 1 1/4"					
FW EG 11220	Replacement filter cup for size 1 1/2" to 2"					

* at Δp = 0.2 bar



All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.