DUPLEXPURE

Double filtration station

The DUPLEX PURE self-cleaning rainwater filters are two-stage units designed for rainwater filtration and recovery. They feature an exclusive self-cleaning first stage with a backwashing system and a 90-micron nylon mesh cartridge. The second stage further refines filtration to 25 microns using a granular activated carbon cartridge. This process eliminates the unpleasant characteristics that rainwater may acquire on its way to the storage tank. The impurities captured in the first stage can be manually expelled through a drain valve.
The two-stage self-cleaning rainwater filters are available with 1" IN/OUT connections and brass threaded.



Filter cartridges included in the supply



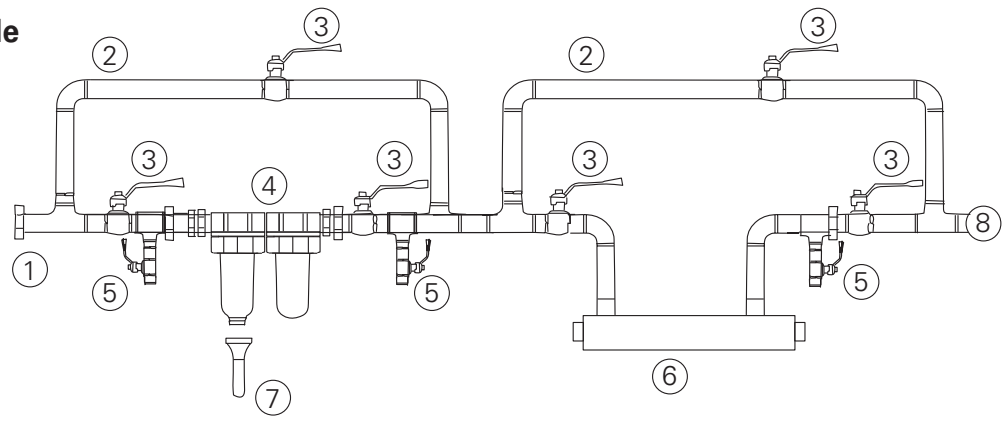
NYLON
Washable polyamide mesh filter cartridges ensure a uniform flow with accurate filtration capacity and minimal pressure loss.

ACTIVATED CARBON
Filter cartridges containing granular coconut shell activated carbon provide effective adsorption combined with the mechanical action of different filtering materials.

Code	Max. flow l/h	Filtration µ	Pipe connection	Nominal pressure bar	Ø discharge mm
DUPLEXPURE	6.000	80	1"	8	10

Installation example

1 - Rainwater inlet
2 - Hydraulic by-pass
3 - Clamping taps
4 - Duplex Pure filter
5 - Analysis sampling point
6 - AJ UV sterilizer
7 - Drain line
8 - Treated water outlet



TRIPLEXPURE

Triple filtration station

The TRIPLEX PURE self-cleaning rainwater filters are three-stage units designed for rainwater filtration and recovery. They feature an exclusive self-cleaning first stage with a backwashing system and a 90-micron nylon mesh cartridge. The second stage further refines filtration to 25 microns using a wound-string cartridge, while the third stage treats the water with granular activated carbon. This process effectively removes unpleasant characteristics that rainwater may acquire on its way to the storage tank. The impurities captured in the first stage can be manually expelled through a drain valve. The three-stage self-cleaning rainwater filters are available with 1" IN/OUT connections and brass threaded.



Filter cartridges included in the supply



NYLON
Washable polyamide mesh filter cartridges ensure a uniform flow with accurate filtration capacity and minimal pressure loss.

WOUND YARN
Filter cartridges produced using pure polypropylene yarn, 100% non-toxic.

ACTIVATED CARBON
Filter cartridges containing granular coconut shell activated carbon provide effective adsorption combined with the mechanical action of different filtering materials.

Code	Max. flow l/h	Filtration µ	Pipe connection	Nominal pressure bar	Ø discharge mm
TRIPLEXPURE	6.000	80	1"	8	10

Installation example

1 - Rainwater inlet
2 - Hydraulic by-pass
3 - Clamping taps
4 - Triplex Pure filter
5 - Analysis sampling point
6 - AJ UV sterilizer
7 - Drain line
8 - Treated water outlet

