

WF 1011 - WFF150 VORTEX FINE FILTER WITH EXTENSION TUBE
MESH SIZE OF THE FILTER FABRIC: 0.28MM
ART 2308

ADVANTAGES

- Filters rainwater from up to 500 m² of roof surface (in temperate climate regions)
- For rainwater or service water
- Direction of inlet and outlet freely rotatable
- Pipe connection DN 160 (water inlet and wastewater outlet) or DN 110 (filter water outlet)
- With cover and optional extension pipe
- Low maintenance, as self-cleaning
- Including filter insert and lifting handle (30 cm length)

Rainwater filter for installation in horizontal pipes in the ground or for outdoor installation. With 50 cm extension pipe for adapting the inspection opening to ground level. Rainwater inlet freely rotatable. Tested according to ATV: Can be driven over by vehicles up to 30 t. Housing made of polypropylene. Filter insert made of stainless steel, low-maintenance. Inspection interval 2 times a year. When necessary we recommend to do the cleaning of the filter insert in a dishwasher. Mesh size of the filter fabric 0.28 mm.

Drainage-proof according to DIN EN 12056 / EN 752, fulfils DIN 1989.



FUNCTION AND FIELD OF APPLICATION

The WFF 150 vortex fine filter is usually installed below ground level in the horizontal water pipe. It filters the rainwater flowing in from the side and directs it laterally to the cistern. Its filter insert consists of fine stainless steel mesh with a mesh size of only 0.28 mm. This reliably separates leaves, moss and other washed-in debris and also flushes them laterally into the receiving water.

Rainwater flowing in from the side is filtered by the WFF 100 vortex fine filter and passed on to the cistern. In the process, it passes through the filter insert made of fine stainless steel mesh with a mesh size of only 0.28 mm. In this way, not only leaves and moss, but also smaller particles washed along with the water are reliably separated and flushed into the canal or an infiltration trough.

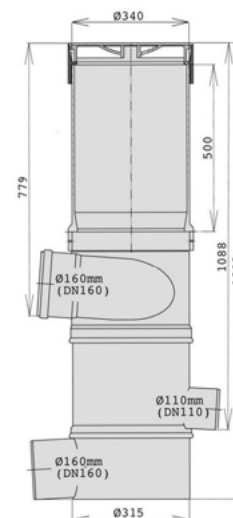
The filtered rainwater can be stored long-term in a cistern without further treatment.

OVERVIEW

The clean rainwater is optimally prepared for storage in the cistern and subsequent use in washing machines, flushing toilets or for cleaning purposes. The use in riding and sports facilities is ideal where large areas have to be irrigated or the demand for soft water for cleaning purposes is high.

All WISY vortex fine filters are also ideally suited for cleaning process water. Examples of applications can already be found in the paper, textile and food industries.

ROOF SURFACE (M²)	500
MATERIAL	PP
PLACEMENT	BEFORE THE TANK
CARRYING CAPACITY (KG)	30.000
DRAINAGE CAPACITY (L/s)	12,8
MESH SIZE	0,28
MAINTENANCE	autocleaning
FILTER	CYCLONE
INPUT (MM)	Ø160
OUTPUT TO TANK (MM)	Ø110
OUTPUT TO DRAINAGE (MM)	Ø160
HEIGHT DIFFERENCE INPUT TO SEWER EXIT (MM)	503
HEIGHT DIFFERENCE INPUT TO TANK OUTPUT (MM)	309



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DRAINAGE CAPACITY

The rainwater flowing in from the side is efficiently filtered by the filter insert made of fine stainless steel mesh with a mesh size of only 0.28 mm and passed on to the cistern.

In this way, leaves, moss and smaller particles washed along with the water are reliably separated, permanently washed down the filter mesh and then washed away.

FURTHER ADVANTAGES OF THE WFF 150 VORTEX FINE FILTER

Oxygen enrichment

During filtration in the vortex fine filter, the water is enriched with oxygen. The high oxygen content additionally improves the water quality and prevents the growth of undesirable, anaerobic microorganisms.

Cover and housing accessible by truck

The cover and housing of the WFF 150 vortex fine filter are designed so sturdily that they can be driven over by lorries weighing up to 30 tonnes (standard vehicles according to DIN1072 / SLW30).

5 years warranty

All components of the vortex fine filter are subjected to thorough quality control to ensure perfect operation. In the unlikely event of a material defect, WISY offers a five-year guarantee.

OPTIONS

FILTER INSERTS

- Filter insert WFF 150, stainless steel, Mesh size 0.28 mm
- Very low maintenance. It is virtually impossible for debris or dirt to stick to their smooth, stainless-steel surface. As a result, the filter inserts have a long service life. When necessary, the filter insert can easily be lifted out of the housing by means of the supplied lifting handle for cleaning by a high-pressure cleaner or in the dishwasher.



CODE	REF
2312	WE 03 00 - FILTER INSERT FINE 0.28MM WFF150
2313	WE 03 01 - FILTRE INSERT LARGE 0,44MM WFF100

EXTENTION TUBE FOR WFF100/150 50CM

- Additional extension tube length 50 cm made of polypropylene (PP) to raise the inspection opening to ground level. The extension tubes are fitted with a collar to fit the filter housing. Cutting lines around outer circumference make it easy to cut the tube accurately to the required mounting depth.



CODE	REF
2304	EXTENTION TUBE FOR WFF100/150 50CM