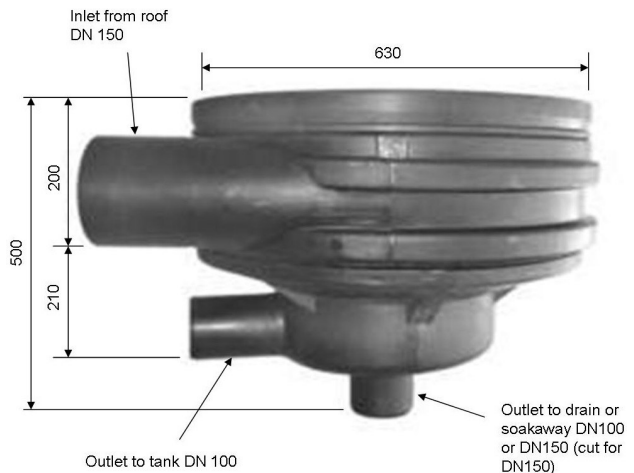
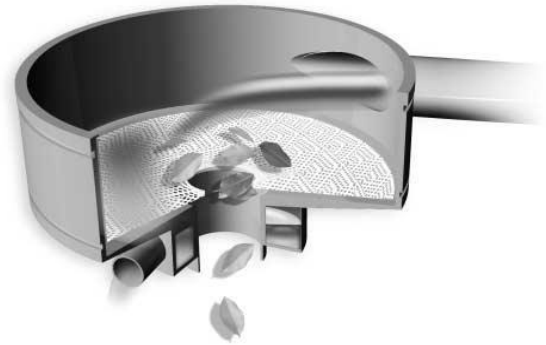


UWO - Nova Centrifuge Filter

Pre-filter for rainwater utilization unit

- **UWO - Nova centrifuge filter for underground installation**
- **Easy to service with full open access**
- **Removable stainless steel 0.2 mm sieve**
- **Pipe connections included**
(Inlet DN 150, overflow DN 100 or DN 150 and drain to rainwater tank DN 100. Overflow is shipped as DN 100 but can be cut away for DN150 socket)
- **For covered spaces and roofs up to 440m²**
(Discharge factor: 1.0)
- **Minimal difference in height between filter inlet and drain to rainwater tank**
- **Receiving bowl and inlet port rotate on the base for ease of installation**
- **Self cleaning at the start of each rainfall**
- **Optional stainless steel outlet cup to catch debris - removable from inside**



UWO centrifuge filter NOVA

Pre-filter for underground installation able to stand frost. Rainwater utilization for saving drinking-water.

Envelope Sizes

inlet	DN 150
drain to tank	DN 100
drain to canal/ for infiltration	DN 100/150
difference in height between filter inlet and tank connection	21 cm
diameter	63 cm
mesh size/filter sieve	0.2 mm (200 µm)
covered (roof) space (discharge factor 1.0)	440 m ²
material	Polyethylene (PE)

Accessories

• Shaft DS 15	
height	15 cm
diameter	63 cm
• Shaft DS 40	
height	40 cm
diameter	63 cm
• TeleFlex variable shaft with cover	50 - 90 cm

Application

Coarse pre-filter located up-stream of water storage for rainwater utilization in:

- Private homes
- Commercial buildings

Application Advantages

- **easy to service**
- **minimal difference in in/out height**
- **all connection parts included**
- **rotating bowl and inlet**
- **high efficiency**

Function / Description

UWO NOVA centrifuge filter is designed for underground installation, especially developed for rainwater utilization serving as a filter for rooftop water and is located upstream of the rainwater tank

At initial rainfall the filter mesh is dry and the first few litres flow over the mesh washing away roof debris directly into the central drain outlet. The filter mesh then becomes porous and filtered water enters the tank outlet. The stainless steel mesh filter can be removed by a key supplied and an optional central cup can be used to stop debris entering the soakaway or drain

Scope of Supply

All parts listed below are included preassembled. Simple installation and maintenance due to modular design and easy plug system

- filter cover
- top bowl
- lower bowl
- filter sieve with seal
- lifting key
- Installation guidance

