

## tender file

### **Optimax Filter external, suitable for pedestrian loading**

Rainwater Optimax Filter external, suitable for pedestrian loading, for installation into the ground. High efficiency over 95%, low maintenance (self-cleaning). Continuously variable installation depth of 580 mm to 1,050 mm (22.8" to 41.3") using the telescopic dome shaft. Sealed up to the top edge of the ground due to profile seal. Connection DN 100/DN 150 (4" / 6" pipe). Optionally retrofit with cleaning unit external.

- Cage material: polyethylene (PE)
- Filter material: stainless steel
- Mesh width: 0.35 mm (0.014")
- Efficiency: > 95%
- Length: 860 mm (33.9")
- Width: 470 mm (18.5")
- Height: 650 mm (25.6") – to be cut on demand

Can manage roof areas up to 350 m<sup>2</sup> (3,767.4 ft<sup>2</sup>) – DN 100 / 750 m<sup>2</sup> (8,072.9 ft<sup>2</sup>) – DN 150. Offset high between inlet and outlet: 200 mm (7.9").

### **Product: GRAF Optimax Filter external, suitable for pedestrian loading**

### **Optimax Filter external, suitable for vehicle loading**

Rainwater Optimax Filter external with cast iron cover class B, suitable for vehicle loading class B 125, for installation into the ground. High efficiency over 95%, low maintenance (self-cleaning). Continuously variable installation depth of 580 mm to 1,050 mm (22.8" to 41.3") using the telescopic dome shaft. Sealed up to the top edge of the ground due to profile seal. Connection DN 100/DN 150 (4" / 6" pipe). Optionally retrofit with cleaning unit external.

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### **Product: GRAF Optimax Filter external, suitable for vehicle loading**

### **Optimax-Industrial Filter external, suitable for pedestrian loading**

Rainwater Optimax-Industrial Filter external, suitable for pedestrian loading, for installation into the ground. High efficiency over 95%, low maintenance (self-cleaning). Continuously variable installation depth of 733 mm to 1,320 mm (28.9" to 52") using the telescopic dome shaft. Sealed up to the top edge of the ground due to profile seal. Connection DN 150 / DN 200 (6" / 8" pipe). Optionally retrofit with cleaning unit external.

- Cage material: polyethylene (PE)
- Filter material: stainless steel
- Mesh width: 0.35 mm (0.014")

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- Efficiency: > 95%
- Length: 1,180 mm (46.5")
- Width: 690 mm (27.2")
- Height: 920 mm (36.2") – to be cut on demand

Can manage roof areas up to 750 m<sup>2</sup> (8,072.9 ft<sup>2</sup>) – DN 150 (6" pipe) / 1,500 m<sup>2</sup> (16,145.9 ft<sup>2</sup>) – DN 200 (8" pipe). Offset high between inlet and outlet: 224 mm (8.8").

**Product: GRAF Optimax-Industrial Filter external, suitable for pedestrian loading**

### **Optimax-Industrial Filter external, suitable for vehicle loading**

Rainwater Optimax-Industrial Filter external with cast iron cover class B, suitable for vehicle loading class B 125, for installation into the ground. High efficiency over 95%, low maintenance (self-cleaning). Continuously variable installation depth of 733 mm to 1,320 mm (28.9" to 52") using the telescopic dome shaft. Sealed up to the top edge of the ground due to profile seal. Connection DN 150 / DN 200 (6" / 8" pipe). Optionally retrofit with cleaning unit external.

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**Product: GRAF Optimax-Industrial Filter external, suitable for vehicle loading**

### **Universal-Filter 3 external, suitable for pedestrian loading**

Rainwater Universal-Filter 3 external, suitable for pedestrian loading, for installation into the ground. High efficiency 100%, easy cleaning due to a smooth sieve structure. Continuously variable installation depth of 600 mm to 1,050 mm (23.6" to 41.3") using the telescopic dome shaft. Sealed up to the top edge of the ground due to profile seal. Connection DN 100 / DN 150 (4" / 6" pipe).

- Cage material: polyethylene (PE)
- Filter material: polypropylene (PP)
- Mesh width: 0.35 mm (0.014")
- Efficiency: 100%
- Length: 760 mm (29.9")
- Width: 470 mm (18.5")
- Height: 650 mm (25.6") – to be cut on demand

Can manage roof areas up to 350 m<sup>2</sup> (3,767.4 ft<sup>2</sup>) – DN 100 (4" pipe) / 500 m<sup>2</sup> (5,382 ft<sup>2</sup>) – DN 150 (6" pipe). Offset high between inlet and outlet: 270 mm (10.6").

**Product: GRAF Universal-Filter 3 external, suitable for pedestrian loading**

### **Universal-Filter 3 external, suitable for vehicle loading**

Rainwater Universal-Filter 3 external with cast iron cover class B, suitable for vehicle loading class B 125, for installation into the ground. High efficiency 100%, easy cleaning due to a smooth sieve structure. Continuously variable installation depth of 600 mm to 1,050 mm (23.6" to 41.3") using the telescopic dome shaft. Sealed up to the top edge of the ground due to profile seal. Connection DN 100 / DN 150 (4" / 6" pipe).

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### **Product: GRAF Universal-Filter 3 external, suitable for vehicle loading**

### **Universal-Industrial Filter 3 external, suitable for pedestrian loading**

Rainwater Universal-Industrial Filter 3 external, suitable for pedestrian loading, for installation into the ground. High efficiency 100%, easy cleaning due to a smooth sieve structure. Continuously variable installation depth of 703 mm to 1,270 mm (27.7" to 50") using the telescopic dome shaft. Sealed up to the top edge of the ground due to profile seal. Connection DN 150 / DN 200 (6" / 8" pipe).

- Cage material: polyethylene (PE)
- Filter material: stainless steel
- Mesh width: 0.75 mm (0.03")
- Efficiency: 100%
- Length: 1,140 mm (44.9")
- Width: 690 mm (27.2")
- Height: 870 mm (34.3") – to be cut on demand

Can manage roof areas up to 750 m<sup>2</sup> (8,072.9 ft<sup>2</sup>) – DN 150 (6" pipe) / 1,200 m<sup>2</sup> (12,916.7 ft<sup>2</sup>) – DN 200 (8" pipe). Offset high between inlet and outlet: 229 mm (9").

### **Product: GRAF Universal-Filter 3 external, suitable for pedestrian loading**

### **Universal-Industrial Filter 3 external, suitable for vehicle loading**

Rainwater Universal-Industrial Filter 3 external with cast iron cover class B, suitable for vehicle loading class B 125, for installation into the ground. High efficiency 100%, easy cleaning due to a smooth sieve structure. Continuously variable installation depth of 703 mm to 1,270 mm (27.7" to 50") using the telescopic dome shaft. Sealed up to the top edge of the ground due to profile seal. Connection DN 150 / DN 200 (6" / 8" pipe).

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**Product: GRAF Universal-Filter 3 external, suitable for vehicle loading**

### **Minimax Filter external, suitable for pedestrian loading**

Rainwater Minimax Filter external, suitable for pedestrian loading for installation into the ground. High efficiency over 95%, low maintenance (self-cleaning). Continuously variable installation depth of 485 mm to 955 mm (19.1" to 37.6") using the telescopic dome shaft. Sealed up to the top edge of the ground due to profile seal. Connection DN 100 (4" pipe). Optionally retrofit with cleaning unit external.

- Cage material: polyethylene (PE)
- Filter material: stainless steel
- Mesh width: 0.5 mm (0.02")
- Efficiency: > 95%
- Length: 575 mm (22.6")
- Width: 510 mm (20.1")
- Height: 555 mm (21.9") – to be cut on demand

Can manage roof areas up to 350 m<sup>2</sup> (3,767.4 ft<sup>2</sup>). Offset high between inlet and outlet: 100 mm (3.9").

**Product: GRAF Minimax Filter external, suitable for pedestrian loading**

### **Minimax Filter external, suitable for vehicle loading**

Rainwater Minimax Filter external with cast iron cover, suitable for vehicle loading class B 125 for installation into the ground. High efficiency over 95%, low maintenance (self-cleaning). Continuously variable installation depth of 485 mm to 955 mm (19.1" to 37.6") using the telescopic dome shaft. Sealed up to the top edge of the ground due to profile seal. Connection DN 100 (4" pipe). Optionally retrofit with cleaning unit external.

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Can manage roof areas up to 350 m<sup>2</sup> (3,767.4 ft<sup>2</sup>). Offset high between inlet and outlet: 100 mm (3.9").

**Product: GRAF Minimax Filter external, suitable for vehicle loading**



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## **External filter cleaning unit**

External filter cleaning unit designed to be retrofitted in an external filter. Cleans the filter surface with a powerful jet of water, using service water if required.

- Connections: 19mm (3/4")

**Product: GRAF External filter cleaning unit**