

# Plastic Discfilter



Sturdy design UDI filter with a discfilterelement.

The compromised stacked discs and the Helix system ensure a reliable and large dirt capturing filter.

## Advantages of the UDI plastic discfilters:

The grooved discs form a solid and strong filteringelement, with depthfiltration and large filteringsurface. The Helix system enables a circulating flow around the discs, which makes the larger dirtparticles flock together and flow around the filteringelement. This flow stops the clogging the filterdiscs. The dirtparticles, which are trapped inbetween the discs, are easily removed with flowing water after removing the disc from the filter. The filters are entirely made of plastic and resistant to fertilizers enriched water. These filters are mainly used as security component in an installation, controlfilter or pre-filter. A large filteringsurface (1699 cm<sup>2</sup>) 2"-3" BSP and (3398 cm<sup>2</sup>) 4"FI en 6"FI boxer.

The **UDI** plastic discfilter contains 4 models:

- 2" (BSP male)
- 3" (BSP male)
- 4" (Flange)
- 6" (Flange)

The discfilters are available with 8 filteringsizes. The discs are easily taken out of the filter. All maintenance can be done by hand.

## Applications:

- Where extra protection of your system is required
- Pre-filtration waterintake
- Recirculation Systems
- Postfiltration



Wijzigingen en/of typefouten voorbehouden

# UDI<sup>®</sup> Plastic Discfilter

## Technical data

*filters*

### Materials:

- Housing: Fiberglass Reinforced Polyamide
- Element: PP with glass fiber reinforced
- Discs type Grooved system: PP (400, 200, 130 en 100 micron)
- Discs type Wall system: HPDE (100, 50, 20, 10 en 5 micron)
- Seal: Nitrile rubber (NBR)

Type	Eenheid	8U121D130	8U131D130	8U141D130	8U161D130
Connection (BSP male)	inch	2"	3"	4" FL	6" FL
Capacity	m <sup>3</sup> /h	30	50	70	100
Filtersurface	cm <sup>2</sup>	1699	1699	3398	3398
Max. Working pressure	bar	10	10	10	10
Min. Working pressure	bar	0,8	0,8	0,8	0,8
pH resistance	pH	4 - 11	4 - 11	4 -11	4 -11
Max. Temperature	°C	60 °C	60 °C	60 °C	60 °C
connections E	inch	¾"	¾"	¾"	¾"
Point (BSP) M	inch	¼"	¼"	¼"	¼"
Length W	Mm	309	336	341	531
Height H	mm	721	727	1200	1200
X	mm	133	147		

Standard with 130 micron rings.

Available in 400, 200, 130 en 100 micron (type G) and in 100, 50, 20 & 5 micron (type W).

At request available, suitable for: seawater, chemicals, or drinking water.

