

# Nordic Filtration

Water  
Treatment



Monoray UV-system PP & Stainless Steel

[www.nordicfiltration.com](http://www.nordicfiltration.com)



## Technical Data

Material: Polypropylene, SS 316L  
 Flow: 5 m<sup>3</sup>/h to 2340 m<sup>3</sup>/h (advanced)  
 Pressure: 8 bar pressure rating  
 Work temperature: 0-60°C for SS & 0-45°C for PP & Control unit)  
 Connection:  
 1½" & 3" BSP, DN -80 -100 -125 -150  
 200 - 250 - 300  
 Wave length: 254nm



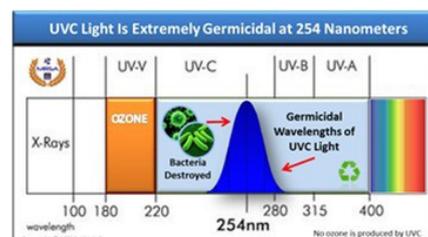
The UV technology is both the oldest and one of the very latest technologies used to disinfect fluids. The method is based on the natural disinfectant action of the sun's rays. UV lamps imitate the disinfecting rays of the sun. ULTRAAQUA UV systems produce the same ultraviolet germicidal rays, just thousands of times stronger.

No bacteria, viruses, moulds or their spores can withstand this treatment.

The reaction time between the UV irradiation and the organism to be killed is very short and does not create any by-products at all. The water quality, both physical and chemical, remains identical before and after treatment using the UV technique. The UV disinfection can therefore take place at any conceivable and necessary place in a system.

## Applications

- Drinking water
- Waste water
- industrial fluids
- aquaculture UV systems
- Swimming pools





### General One Lamp Specifications

Model	Max flow m <sup>3</sup> /h*	Power	Inlet/Outlet	Material
Monoray 1-75 PP	5	0,08kW	1½" BSP	Polypropylene
Monoray 1-220 PP	34	0,20kW	DN80	Polypropylene
Monoray 1-350 PP	54	0,40kW	DN100	Polypropylene
Monoray 1-75 SS	6	0,08kW	1½" BSP	SS 316L
Monoray 1-220 SS	37	0,20kW	DN80	SS 316L
Monoray 1-350 SS	59	0,40kW	DN100	SS 316L

### General Multi Lamp Specifications

Model	Max flow m <sup>3</sup> /h*	Power	Inlet/Outlet	Material
Monoray 2-75 PP	14	0,16 kW	3" BSP	Polypropylene
Monoray 3-75 PP	24	0,24 kW	3" BSP	Polypropylene
Monoray 3-220 PP	161	0,75 kW	DN150	Polypropylene
Monoray 3-350 PP	258	1,10 kW	DN150	Polypropylene
Monoray 4-75 PP	36	0,32 kW	3" BSP	Polypropylene
Monoray 4-220 PP	247	1,00 kW	DN150	Polypropylene
Monoray 4-350 PP	396	1,50 kW	DN150	Polypropylene
Monoray 6-220 PP	387	1,40 kW	DN150	Polypropylene
Monoray 6-350 PP	626	2,30 kW	DN200	Polypropylene
Monoray 8-220 PP	589	1,90 kW	DN200	Polypropylene
Monoray 8-350 PP	960	3,00 kW	DN250	Polypropylene
Monoray 12-350 PP	1520	4,50 kW	DN250	Polypropylene
Monoray 16-350 PP	2173	6,00 kW	DN300	Polypropylene
Monoray 3-220 SS	174	0,70 kW	DN150	SS 316L
Monoray 3-350 SS	278	1,10 kW	DN150	SS 316L
Monoray 4-220 SS	266	1,00 kW	DN150	SS 316L
Monoray 4-350 SS	429	1,50 kW	DN150	SS 316L
Monoray 6-220 SS	417	1,40 kW	DN200	SS 316L
Monoray 6-350 SS	675	2,30 kW	DN200	SS 316L
Monoray 8-220 SS	635	1,90 kW	DN200	SS 316L
Monoray 8-350 SS	1035	3,00 kW	DN250	SS 316L
Monoray 12-350 SS	1630	4,50 kW	DN250	SS 316L
Monoray 16-350 SS	2340	6,00 kW	DN300	SS 316L

Flange size can be customized

\* Max. flow calculated at UVT 96%, min. UV dose 30 mJ/cm<sup>2</sup>



# Nordic Filtration

At [www.nordicfiltration.com](http://www.nordicfiltration.com) you will find a wide selection of filtration products ready for you to order.

Nordic Filtration offers a wide selection of filtration products for compressed air, liquids and gas. We have stock in Denmark and from here we distribute all of our products to Scandinavia and the Baltic countries.

You can buy our products on local websites. Information about our products as well as brochures and manuals can be found on our website ([www.nordicfiltration.com](http://www.nordicfiltration.com)).

We can adapt all of our filtration products to your needs, and we offer visits from our consultants in order to find the right solution for you. We also offer on going service on our products once they are installed.

