



# PANTHER RO WATERLIGHT®

the purest water out of your tap



perfect water for your entire household  
removal of all unwanted impurities  
removes bacteria  
optimum health

*PWG*  
*Water*  
POLLET WATER GROUP



# Waterlight-appliances, if only water

## How does an RO-appliance work?

R.O. stands for 'Reverse Osmosis'. Reverse Osmosis is the most user-friendly and at the same time one of the economical most advantageous methods to remove all impurities out of the water.

The operation is simple but really effective: pressure pushes the water through a semi permeable membrane. This specially designed membrane only lets the water molecules pass and stops more than 90% of all impurities, present in the water. These are then flushed out into the drain.



Nitrates, nitrites, insecticides, (heavy) metals, bacteria, phosphates, sulphates, chlorides, ... almost everything is removed from the water, and this without the addition of any chemical products.

## Why install an RO-appliance?



*Your tap or well water does not live up to your full expectations? Does it sometimes happen that the water that comes out of your tap has a bad smell or taste?*

**A Panther RO Waterlight can solve all of these problems for you.**



Even though your tap or well water should normally stay under certain levels in the area of nitrate and nitrite values, there is still a part of these unwanted materials left in the water. Lead and chlorine often occur in quantities that are not to be ignored. It is better for you and certainly for your children that these materials are also removed.

*Are you fed up with dragging litres of water, week after week with your shopping? Do you also think that the costs for this water are unreasonably high?*



**A Panther RO Waterlight will make your life easier and will pay itself.**

PANTHER  
WATERLIGHT

PANTHER RO WATERLIGHT®

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# er in its purest form

**HER RO**  
**RLIGHT®**

fect water for :

- ice cubes
- drinking water
- coffee and tea
- drinks

preparation of foods

• preparation of baby foods and milk

cleaning of conta

Filter cartridges and membrane

[Filter cartridges]

Which differ  
noticeable after  
an RO-appliance

Drinking water might be just  
a small part of your water  
consumption, the results of  
an RO-appliance will be  
noticeable with other uses.  
Drinks with ice cubes will

smel  
with  
Do  
you  
with  
mac

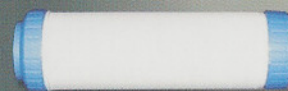
**Membrane 50 GPD**



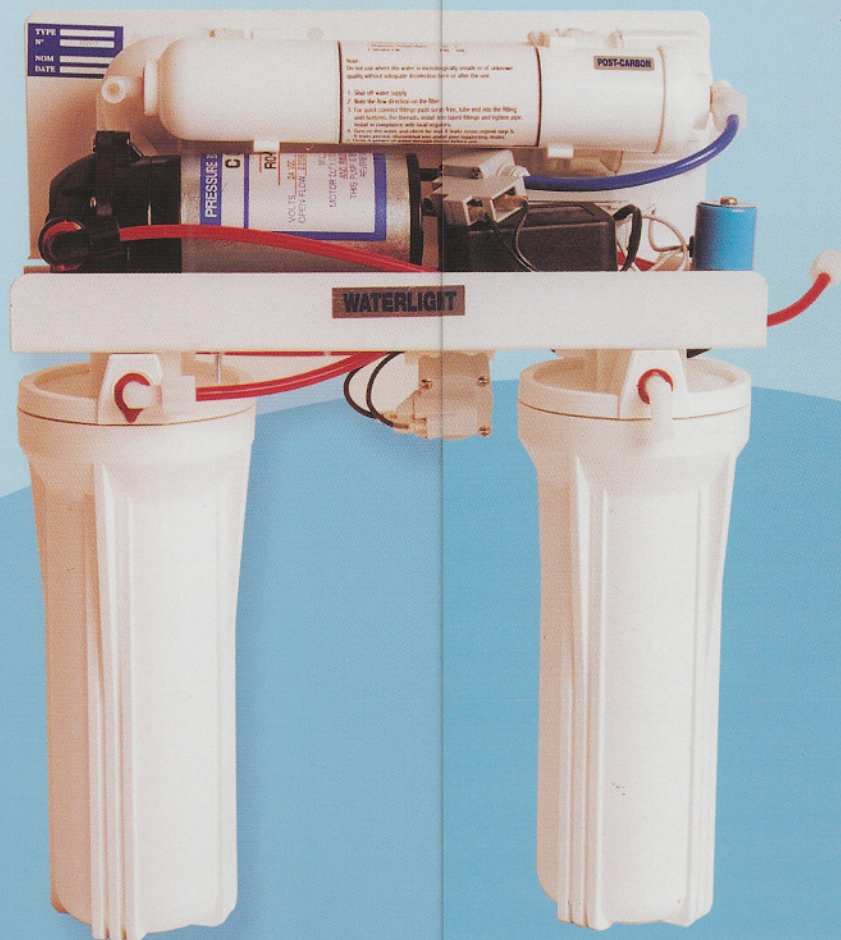
**Sediment filter cartridge**



**Activated carbon cartridge**



**Post activated  
carbon cartridge**







## Technical specifications



### Panther RO Waterlight Standard

- Waterpressure minimum of 2,1 bar
- Storage tank 11 litres
- Compact appliance delivered complete
- Exchangeable membranes and filter cartridges



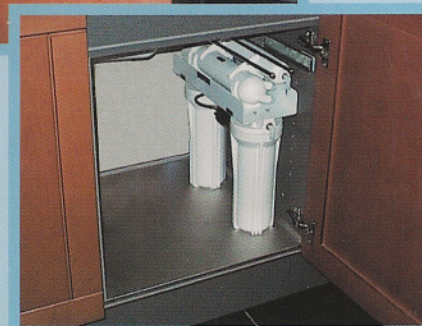
### Panther RO Waterlight Permeate pump

- Waterpressure minimum of 2,1 bar
- Storage tank 11 litres
- Compact appliance delivered complete
- Exchangeable membranes and filter cartridges
- Permeate pump in order to effect a fast and efficient filling of the storage tank, even with low pressure



### Panther RO Waterlight Booster pump

- Waterpressure minimum of 2,1 bar
- Storage tank 11 litres
- Compact appliance delivered complete
- Exchangeable membranes and filter cartridges
- Booster pump, necessary when the water pressure is less than 2,1 bar, in order to effect a faster and more efficient production of RO water



## PANTHER RO WATERLIGHT®

### Membrane

50 GPD

production capacity up to 190 L a day, depending on pressure, temperature and mineralisation

### Removal results

Barium, radium	96-98%	Sulphate	96-98%
Lead	90-98%	Chrome	96-98%
Nitrate	60-80%	Mercury	93-96%
Chlorine	87-93%	Chloroform	97-99%
Fluorine	87-93%	Trichlorethane	97-99%
Silicium	46-90%	Tetrachlorethylene	97-99%
Bicarbonat	90-95%	Lindane	97-99%

### Specifications incoming water

Maximum TDS	2.000 ppm
Water temperature	4-43°C
PH	4-11
Hardness	lower than 170 ppm
Iron	lower than 0,1 ppm
Bacteria	the water must be potable

### Options

1. Mixer tap with built-in RO tap
2. Faucets with standard spout or with long reach spout
3. Decorative protection case