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pozzani®

Water Treatment Products

AQUARIUM NITRATE REMOVAL WATER FILTER

Nitrates found in water

Nitrates are common in domestic tap water, and are derived from pesticides that are washed into rivers during rainfall, and from naturally occurring decaying plant and animal matter.

Problem with nitrates in aquariums

Nitrates can harm fish, or impair their health at levels above 20 parts per million (ppm). Some fish are more tolerant than others, so it is suggested that you research what your specific fish require, and obviously cater for the least tolerant fish in the tank.

Whilst nitrates are converted to less harmful nitrites in the tank by useful bacteria, this process takes some time, and may not occur quick enough if the tank is unbalanced (which could be caused by replacing the tanks filter, or a complete water change, for example).

Given domestic tap water can contain up to 50ppm of nitrates, some aquarium owners prefer to remove the nitrates prior to adding water to the tank. Note: not all area's have high nitrate levels, hence you should sample your tap water and test it with a standard aquarium kit, prior to selecting this filter.

Pozzani's Aquarium Nitrate Removal Water Filter

The Nitrate removal system is supplied as a bare unit and can be mounted under the sink, or wall mounted near a mains cold-water copper pipe. The filter is connected to the copper pipework via a simple saddle valve, meaning that no plumbing is required (optional fitting kit is needed - details are shown below). Adjust the flow to 2 litres per minute.

The cartridge will work until the resin is exhausted, which is directly proportional to the amount of nitrate in the water (i.e higher nitrates means it will expire quicker). It is recommended that sampling of the filtered water is performed at regular intervals to ensure it is working effectively.

Optional fitting kit = (£15) contains:

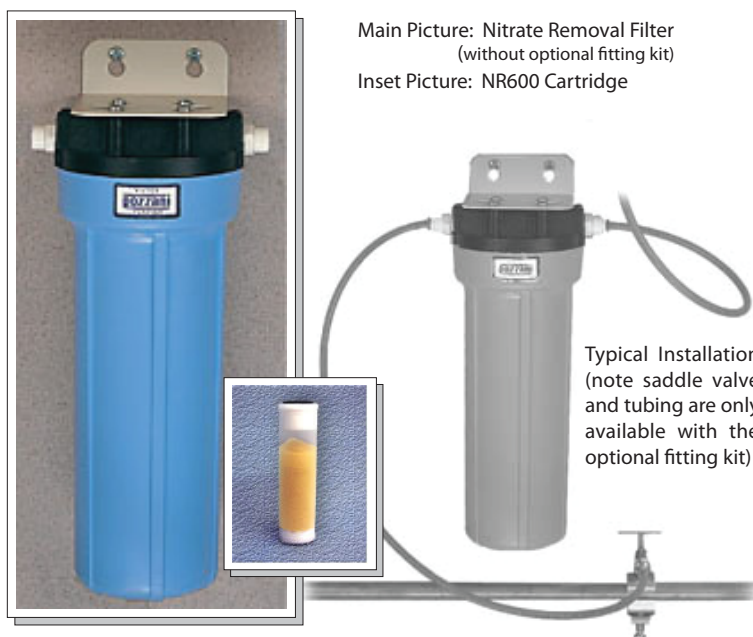
- 1 x saddle valve
- 10 meters of tubing
- 1 x shut off valve



TECHNICAL SPECIFICATIONS

Max Pressure:	95 psi (6.5 bar)
Max temp:	60°C
Height (with bracket):	Approx. 330 mm
Width:	Approx. 160 mm
Connector Size:	1/4" microbore tubing

IMPORTANT: ALWAYS PROTECT FROM FROST



Main Picture: Nitrate Removal Filter
(without optional fitting kit)

Inset Picture: NR600 Cartridge

Typical Installation
(note saddle valve
and tubing are only
available with the
optional fitting kit)

The filter is for removing contaminants from domestic mains water to the specifications above for tank filling only. This filter is not intended for circulating water already in the tank.