

JASPER N-25-PF

FreshWater's JASPER (N-25-SM) filter cartridge has been specially formulated to remove nitrates and sulphates from drinking water.

How does FreshWater's Jasper filter cartridge work?

Water passes into the filter housing and then through the Jasper's polymer selective ion resin filtration media. This removes negatively charged nitrates, nitrites, and sulphates.

Do I need to remove nitrates, nitrites and sulphates?

We would suggest referring to the World Health Organisation's guidelines on what volume of nitrates, nitrites and sulphates are acceptable in drinking water. Excessive levels of inorganic nitrogenous fertilisers in water, which have been linked to farming and agricultural activities, are not desirable.

How is the Jasper filter cartridge fitted?

FreshWater's Jasper filter cartridge can be fitted as part of a FreshWater FW2000 system, which uses two filter cartridges.

How often does the Jasper filter cartridge need changing?

As a guide, FreshWater's Jasper filter cartridge will remove nitrates, nitrites and sulphates from up to 1000 litres of water where the total concentration of nitrates, nitrites and sulphates are less than 50 PPM (parts per million) with a flow rate of 1.5 litres per minute. As you might expect, the higher the concentration of nitrates, nitrites, and sulphates, the sooner the filter cartridge will require replacing.

Consider that water quality varies from locality to locality – particularly within rural areas and when alternative sources, e.g. a well or borehole are being utilised – and that contaminant levels can also fluctuate on a daily basis.

Can I keep a spare Jasper filter cartridge?

Yes, you can – but please remember that like much filter media, the Jasper has a shelf life of 6 months. Please also remember that filter cartridges should always be stored sealed and in a cool environment.