

Kleen-Plus[®]

AUTOMATIC BACKWASH PERMANENT FILTERS

**TO CORRECT PROBLEMS WITH:
SEDIMENT, TASTE, ODOUR, SULPHUR, IRON, MANGANESE, ACIDITY, NITRATES,
& HARD WATER**

SELECTION GUIDE:

SERIES	WATER PROBLEM	SOLUTION
SF (SEDIMENT)	<i>For SEDIMENT removal</i> Dirt, Sand, Clay, Particles are visible signs of poor quality water.	Uses media containing irregular shaped granules designed to remove suspended matter efficiently, has large dirt removal capacity. Automatic periodic backwashing quickly rinses away accumulated debris. Media lasts indefinitely.
CF (TASTE & ODOUR)	<i>For TASTE & ODOUR Improvement</i> Too much chlorine, objectionable, musty odours, metallic flavours are signs of organic contamination.	Uses high density, rugged activated carbon with outstanding capacity for removal of taste and odour, or musty contaminants and chlorine taste. Automatic periodic backwashing keeps it clean and working for years. Silver impregnated carbon (bacteriostatic) and KDF also available.
NF (ACID NEUTRALISER)	<i>For ACIDITY Neutralisation</i> When water causes green or black staining of tubs and sinks; piping is peppered with holes, or porcelain is pitted; or has a metallic taste, you may have acidity.	Uses a calcium based, granular filter media which neutralises acidity in water and raises pH. Backwashing keeps it clean. Occasionally extra Must be added to replace the amount that dissolves during normal operation.
NR (NITRATE REMOVAL)	<i>For NITRATE removal</i> Nitrates can cause stomach aches similar to indigestion, and also skin irritations.	Boiling water will not reduce nitrates! Nitrates are removed by an ion exchange process. The treatment system can be for the whole house or just the drinking water.
CWS & WS (WATER SOFTENING)	<i>For HARDNESS removal</i> When water causes scale build-up on fixtures and fittings, shorting out of hot water cylinder elements and/or water is difficult to lather causing high detergent use you may have hard water.	A water softener will take out calcium and magnesium hardness by means of an ion exchange process. Ion exchange media is regenerated with salt
OF (IRON & SULPHUR)	<i>For IRON, MANGANESE & SULPHUR removal</i> If water is rust coloured or turns brown shortly after being drawn, this is evidence of iron contamination. If a smell of "rotten eggs" is present you have "Sulphur" present.	Uses an oxidising granular media which effectively removes iron, sulphur, and manganese contaminants from your water. Periodic automatic backflushing cleans out the accumulated contaminants. Lasts indefinitely - no chemical regeneration required. If organic iron (heme) is present, pretreatment with Ozone or chlorine is required.
MGF (IRON & MANGANESE)	<i>For IRON & MANGANESE removal</i> If water is rust coloured or turns brown shortly after being drawn, this is evidence of iron contamination. If water causes black stains then manganese contamination is the problem	Uses an oxidising granular media which effectively removes iron and manganese contaminants from your water. Periodic automatic backflushing cleans out the accumulated contaminants. The system regenerates intermittently or continuously with potassium Permanganate and/or chlorine.

Please refer to individual specification pages for further details