

# Sand / Sediment Filters

Domestic water used for drinking, washing or cleaning, whether flowing from a mains supply or private well can sometimes be turbid and contain sediment, sand or clay. To eliminate this problem it is necessary to install a Sand/Turbidity filter.

## Sand Filters



The Sand / Turbidity Column filter works by a simple process of mechanically filtering the incoming water supply through a series of differing grades of silica sand. Sediment is trapped within the sand until a backwash is performed. The Automatic valve which is mounted on the column will perform a backwash as often as programmed. During this backwash stage, the water cycle is reversed and all of the sediment is washed out to a drain thus, the Sand / Turbidity Column filter is returned to full filtration capacity.

Below are some of the options available:

Vessel Size	10 x 44	10 x 54	13 x 54	16 x 65
Valve Type	263-740	263-740	263-740	263-740
Service flow rate - m <sup>3</sup> /hr	0.4	0.6	1.0	1.6
Backwash flow rate - m <sup>3</sup> /hr	0.7	1.1	2.0	3.4
Inlet / Outlet Connections	¾ "	¾ "	1"	1"
Drain line connection	¾ "	¾ "	¾ "	¾ "