Settings of flow and time for backflushing of filters
System applicability: Marinfloc CD units

Background

We have learnt that it is very common with pressure fluctuations in the freshwater systems. This will sometimes result in too low flow during the backflush sequence which also means that there can be remains of aggressive water after the sequence. This can result in corrosive attacks on the filter steps. If the pressure is too high, it will result in a too high flow rate through the filter steps which will increase the possibility to push filter media down to the bilge water tank. Today a manual adjustment/calculation must be carried out when the pressure radically changes. We have learnt that this seldom happens and that the initial commissioning setting is used even if there is a variation in the input water.

Corrective actions

In order to ensure correct flow during the backflush sequence we have added a flow indicator to our recently released units. If you have a CD unit which is not equipped with this flow indicator, Marinfloc AB will supply one free of charge ex. Works, Varekil Sweden. Please submit owner, ship's name and unit serial number when claiming one. We also recommend an adjustment in the timer settings in order to ensure a proper rinse result (see table below).

Backflush flow controller (item 143)

CD model	0.25	0.5	1.0	2.0	5.0
Flow (liters/minute)	3.0	6.0	10.0	12.0	15.0

Flow of the backflush water

	CD model	0.25	0.5	1.0	2.0	5.0
Timer 2	**Backflush tank 1**	400 sec.	400 sec.	400 sec.	600 sec.	1,400 sec.
Timer 3	**Backflush tank 2**	800 sec.	800 sec.	800 sec.	800 sec.	1,400 sec.
Timer 4	**Backflush tank 3**	800 sec.	800 sec.	800 sec.	800 sec.	1,400 sec.

New backflush timer settings

All previous service bulletins and other important information, e.g. updated lists of approved chemicals and flocculants, can be found on our website www.marinfloc.com