

FILTER CARTRIDGES

TECHNICAL INFORMATION 4

TECHNICAL FEATURES OF HOT SANITIZABLE CARTRIDGES

Modello Model	Sanitizzazione Sanitization	Efficienza Efficiency		Beta test	Superficie 9" 3/4" Surface 9" 3/4"
		[%]			[m ²]
FA	-	80%		5	0.05
N85	-	85%		7	0.05
N95	-	95%		20	0.05
N99	-	99.98%	Absolute	5000	0.05
PP95G+	1-4	95%		20	0.47
PP99G+	1-4	99.98%	Absolute	5000	0.47
PES99G+	1-2-3-4	99.98%	Absolute	5000	0.65

1	Sanificazione con acqua calda - 90°C / 30 minuti Hot water sanitization - 90°C / 30 minutes
2	Sterilizzato a vapore in autoclave - 125°C / 30 minuti / 150 cicli* Autoclave steam sterilized - 125°C / 30 minutes / 150 cycles*
3	Sterilizzato a vapore in autoclave - 135°C / 30 minuti / 100 cicli* Autoclave steam sterilized - 135°C / 30 minutes / 100 cycles*
4	Sanificazione chimica a concentrazioni standard** Chemical sanitization at standard concentrations**

* This applies to single open end and plug-in style filters fitted with a reinforced PP end cap.

** Peroxyacetic acid, Hydrogen peroxide, Sodium hypochlorite, Peracetic acid

Sterilization of cartridges

Hot water: increase the water temperature up to 90 ° C and immerse the cartridges with the open end part upwards for 30 minutes. For in-line hot water, do not exceed the 0.35 bar pressure difference across the cartridge;

Steam in situ: Increase the steam temperature up to 125 ° C and expose the cartridge for 30 minutes. For in-line steam, do not exceed the pressure difference of 0.07 bar across the cartridge;

Steam in situ and / or autoclave: install the cartridge in the autoclave chamber. Increase the steam temperature to 135 ° C and expose the cartridge for 30 minutes. Do not exceed the 0.07 bar pressure difference across the cartridge.

Final rinse

Rinse all the sterilized cartridges with plenty of clean water and check the quality of the filtered water before using it.