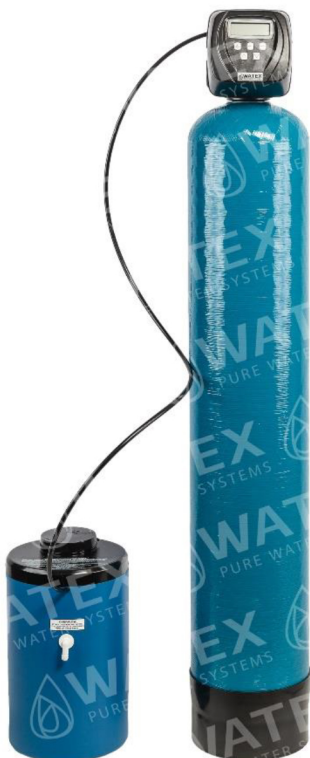


TECHNICAL DATA OF WATEX CMG IRON REMOVAL FILTERS

Technical parameters of equipment	Unit	Model			
		CMG10	CMG12	CMG13	CMG14
Flow rate * Q _{nom}	m ³ /h	1.0	1.5	2.0	2.6
The amount of water for regeneration **	m ³	400	560	680	820
Minimum flow rate for rinsing	m ³ /h	2.0	3.0	4.0	5.2
Container size (diameter)	inches	10	12	13	14
	m	0.25	0.30	0.33	0.37
Container volume	liters	64	85	110	145
The amount of filtering material	liters	43	57	73	97
Dimensions					
Length	m	0.25	0.30	0.33	1.37
Height	m	1.57	1.52	1.57	1.87
Connection. in /ext/kan.	inches	1"	1"	1"	1 ¼"
Clack control unit		CI 1"	CI 1"	CI 1"	CI 1.25"
Filtration		Iron, manganese, turbidity, chromaticity			
Container material		FRP (fiberglass)			
Filtering material		Greensand Plus, quarc sand 1x3mm, 3x5 mm			
Operating pressure	bar	2-6			
Electric Connection		220V, 50Hz, 1 phase			
Electricity consumption	W	3 W			

* Filtration speed 12 m/h

** Backwash 8 min



WATEX CMG series devices are effective drinking water treatment equipment, which reduces iron, manganese and turbidity in the water at the same time. It uses reagent (potassium permanganate) to remove iron. Despite the fact that the reagent is used, water can be used for drinking and other human life needs.

WATEX CMG series equipment is based on a catalytic filtering material. "Greensand" The filter material is able to oxidize ferrous iron is present in the water and store it in the filter. To remove accumulated iron unit is automatically regenerated (rinsed). For regeneration KMnO₄ is used. It restores the filtering material's ability to oxidize iron. The equipment has an electronic CLACK WS1 (USA) controller that controls the automatic regeneration (time control). The control unit all the information remains even if a power failure.

It is necessary to provide electricity connection power (one socket), sewerage drainage and incoming / outgoing water supply with minimum pressure of 2.5 bar.