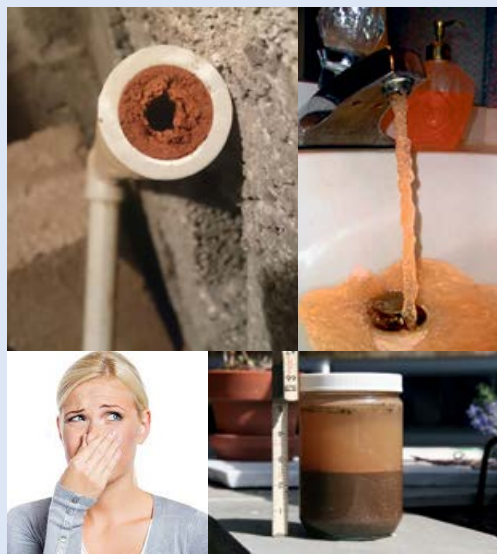


WATEX CMB aeration and filtration



PROBLEM:

Rust, Stain, Clogged pipes, Pressure drop, Odor, Bad taste

Reason:

Fe^{2+} , Mn^{2+} , H_2S , Odor, NTU, Fe^{3+} , AS

Solution with CMB:

Oxidation and filtration unit WATEX CMB

Water Source:

borehole, central supply

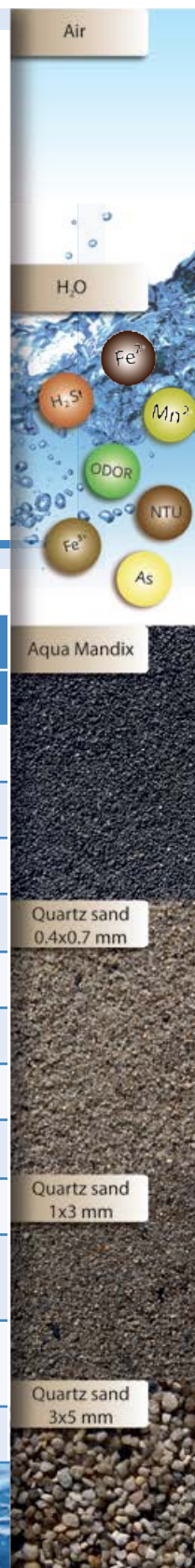
Application:

household, private houses, cottages, guest houses, restaurants



- No chemical additions
- Filter service lifetime more than 10 years
- Automatic purification and regeneration by volume
- Easy installation and operation
- Effective working system even at low pH and high content of organics

Technical parameters of equipment	Unit	Model		
		CMB-10	CMB-12	CMB-13
Flow rate Q_{nom}	m ³ /h	0,6	0,9	1
Flow rate Q_{max}	m ³ /h	3,0	4,0	5,0
Minimum flow rate for rinsing	m ³ /h	1,6	2	2,6
	liters/min	27	33	43
The amount of water for one regeneration	liters	~160	~220	~270
Diameter x height	mm	250 x 1570	300 x 1520	330 x 1570
Weight (empty)	kg	71	105	125
Water – drain connection	inches	1" – 3/4"		
Automatic control unit		Clack WSCI volume & time controlled		
Tank material		Composite material – inline PE with fiberglass outside coating		
Filtration media		AquaMandix catalytic filter media, quartz sand of various fractions		
Electricity consumption	W	10		





Description

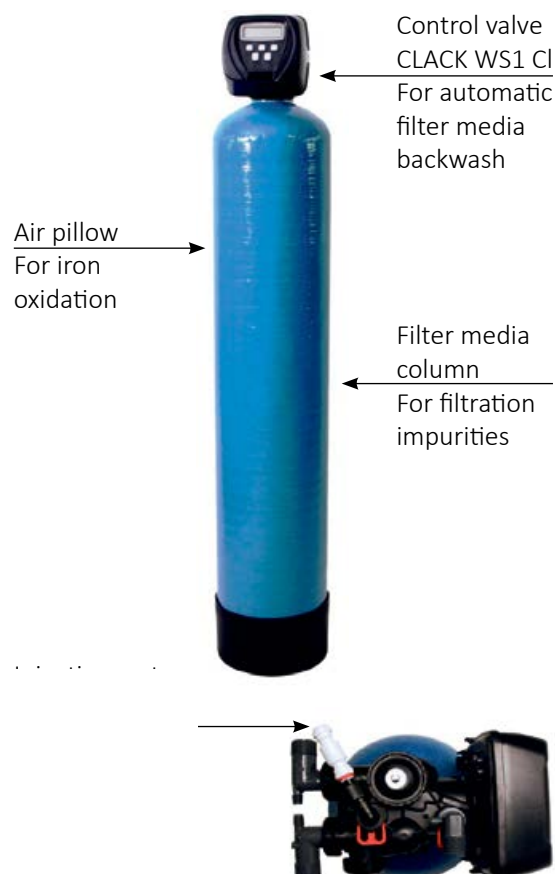
Simple, reliable water purification system Watex CMB effectively removes dissolved iron, manganese, smell, turbidity by oxidation and filtration through oxygen pillows, active sand Aqua-Mandix and quartz sand. Oxidation and filtration process ensure no chemical addition and simple regeneration only by two cycles – backwash and oxygen refill.

Requirements for normal work of equipment:

- Connection to drain
- Electricity connection 220 V, 1 phase
- Water pressure 2- 6 bar
- Room temperature above 0° C
- Water temperature to 25° C
- Proper installation

Filter operating restrictions:

Max. oxidized iron (Fe^{3+}) content	15 mg/l
Max. dissolved iron (Fe^{2+}) content	3 mg/l
Max. oxidized manganese (Mn^{2+}) content	1 mg/l
Max. hydrogen sulphide (H_2S) content	5 mg/l
pH for iron (Fe^{2+}) removal	6.8-9.0
pH for manganese (Mn^{2+}) removal	8.0-9.0
Organica, humus substances, ammonia, chlorine, hardness salts and other contaminants does not adversely affect the filter performance, but reduces the lifetime.	



Find more information: www.watex.eu

Additional equipment options:

- Sweat jacket – condensate isolation for tank
- By-pass valve – for easier assembly
- Water meter built-in unit – provides a rinse of equipment after consumed water volume
- Repair and maintenance kit – Spanner wrench, injectors (2 pcs.)

WATEX headquarters and production facilities are located in Riga, Latvia



Ltd WATEX
Ganību dambis 27 K-5
Rīga, LV-1005, Latvia
info@watex.eu
watex.eu
Tel.: +371 67381989