

# IRON REMOVER CONTROLLED BY RX67C3 AND RX75A3 VALVES (WITH COMPRESSOR)

## APPLICATION

The device treats water by removing iron and manganese with specialized filtration bed. It is equipped with an aeration unit (compressor + aeration tank and valve) to ensure optimal iron and manganese oxidation process.

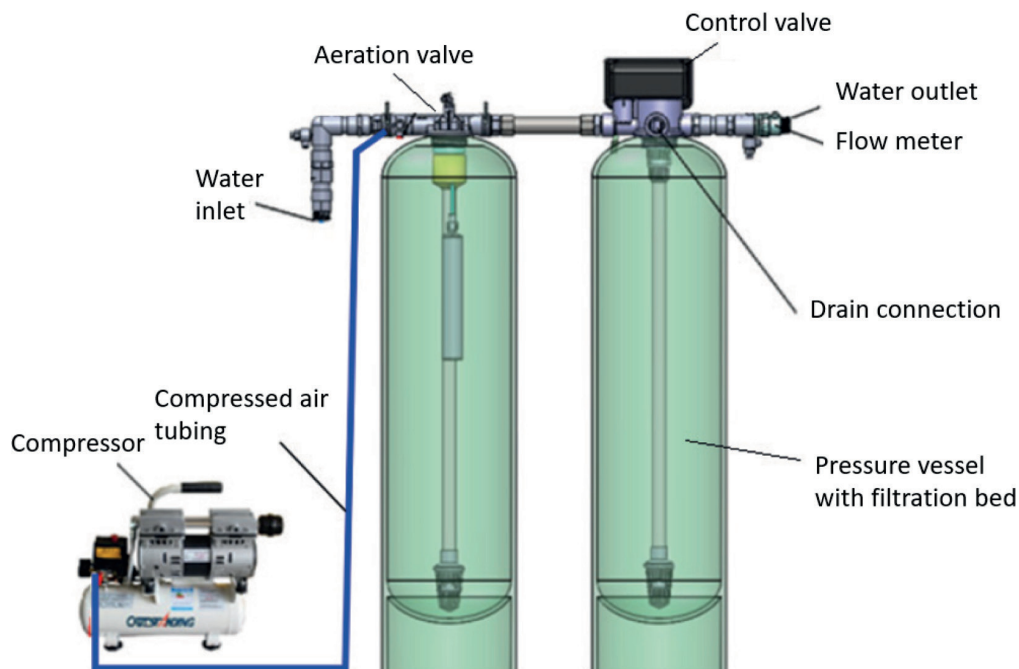
Individually programmed iron remover measures the volume of water and regenerates filtration medium through washing out iron and manganese deposits. After the regeneration process, the device is ready for work.

## PROPERTIES:

- control valve with ceramic discs giving high mechanical endurance and quiet operation,
- automatic regeneration,
- simple construction,
- output and input signal connectors,
- no additional chemicals needed for regeneration,
- hygienic certificate.

VALVE MODEL	RX67C1, RX75
Application	drinking water
Working pressure	1,5 – 6 bar
Working temperature	5 °C – 50 °C
Working pressure	> 6,5
Power supply	110 – 230V, 50-60 Hz

## DEVICE SCHEME



PARAMETER	Value				
Total filtration bed volume	74 l	98 l	112 l	168 l	308 l
Filtration bed type	Katalityczne				
Control valve	RX67C1			RX75	
Pressure vessel size	13" x 54"	14" x 65"	16" x 65"	18" x 65"	24" x 72"
Aeration vessel size	13" x 54"	14" x 65"	16" x 65"	18" x 65"	24" x 72"
Amount of gravel bed / filtration bed	15 kg / 56 l	25 kg / 75 l	35 kg / 84 l	50 kg / 140 l	90 kg / 252 l
Nominal water flow	1,3 m <sup>3</sup> /h	1,5 m <sup>3</sup> /h	1,9 m <sup>3</sup> /h	2,5 m <sup>3</sup> /h	4,4 m <sup>3</sup> /h
Maximum water flow	1,7 m <sup>3</sup> /h	2 m <sup>3</sup> /h	2,6 m <sup>3</sup> /h	3,3 m <sup>3</sup> /h	5,8 m <sup>3</sup> /h
Flow during rinsing	2,4 m <sup>3</sup> /h	2,7 m <sup>3</sup> /h	4 m <sup>3</sup> /h	4,5 m <sup>3</sup> /h	8 m <sup>3</sup> /h
Inlet / outlet connection size	1"			2"	
Drain connection size	1"			2"	
Regeneration type	Backwash, Fast rinse (down-flow)				
Initiation of regeneration	Automatic, water volume type				