

FILTEC BIR

Filtration system for de-ironing and demanganisation

Our FILTEC BIR water conditioning system is ideally suited for de-ironing and demanganisation of your well or household water pipe. The BIRM filter material works fully automatically. It does not require chemicals for regeneration but is simply back-flushed. The system can condition up to 4 m³/h water. The systems equipped with a CLACK central control valve are easy to install, programme and operate.

Design:

- GRP filter tank
- Automatic, time-controlled back-flushing
- CLACK central control valve
- BIRM
- Pipework including all required fittings and measuring instruments for configuration of the system and control of hydraulic parameters

Technical data:

Type		BIR 25 IA	BIR 50 IA	BIR 75 IA	BIR 100 IA	BIR 150 IA	BIR 200 IA
Output*	m ³ /h max.	0.4-0.7	0.6-0.9	0.9-1.4	1.0-1.7	1.4-2.2	2.3-3.8
Operating mode		Direct current regeneration					
Differential pressure*	bar	1.0					
Electrical connection		230V, 50Hz, 12V					
Quantity per tank	Quartz gravel Support material (l)	5	5	10	15	15	35
	BIRM (l)	25	50	75	100	150	200
Tank size	Inches	10x54	12x52	14x52	14x65	18x65	24x69
Connection		DN25	DN25	DN25	DN25	DN25	DN32
Dimensions*	Height (mm)	1685	1765	1645	2025	2025	2045

* All data are approximate values

Operating conditions:

The requirements for the water inflow to the systems are listed below:

Inlet pressure	2-6 bar
Inlet temperature	5-40° C
Inlet water	free of oil

