

Klaricell RJ

Dissolved Air Flotation (DAF) and sand filtration clarifier



Unique combination of DAF clarification and double media sand filtration achieves excellent water quality in a single continuously operating clarifier.

Advantages

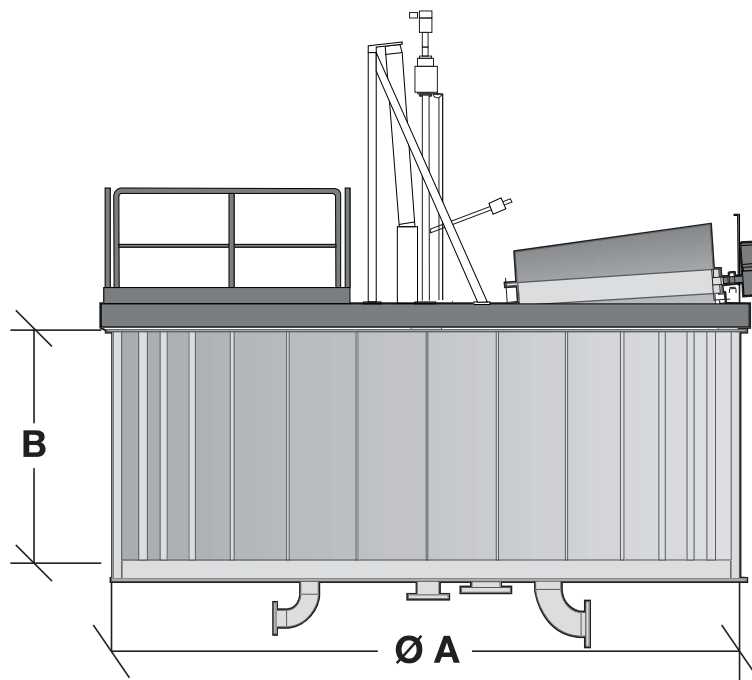
- Gives excellent filtered water quality using double media filter bed with fine sand
- Accepts high inlet suspended solid concentration - up to 150 mg/l
- DAF clarification and filter media backwash are operated continuously at the same time
- Does not require any external tanks for clean water or backwash water storage and further treatment - the water for backwash is provided internally and the backwash water is treated internally
- Has only one single sludge outlet - filter media backwash sludge is removed and concentrated by flotation up to 1% minimum consistency

Product Applications

- Surface water treatment to potable quality
- Algae removal from water streams for municipal or industrial use
- Process water preparation
- Process water recycling
- Heavy metals removal (Cd, Ni, ...)
- Tertiary treatment

Klaricell RJ is available in 11 sizes for flows from 120 to 1480 m³/h.

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Type	Max. flow (m3/h)*	Motor scoop (kW)	Motor carriage (kW)	ø A (mm)	B (mm)
KLC-RJ 20	120-200	0,37	0,37	6100	2300
KLC-RJ 22	145-235	0,37	0,37	6700	2370
KLC-RJ 24	175-280	0,37	0,37	7300	2370
KLC-RJ 27	220-360	1,1	1,1	8300	2370
KLC-RJ 30	260-440	0,75	0,75	9200	2370
KLC-RJ 33	320-520	0,75	0,75	10000	2370
KLC-RJ 36	370-630	1,1	1,1	11000	2370
KLC-RJ 40	460-770	1,1	1,1	12200	2440
KLC-RJ 44	560-920	1,1	1,1	13400	2440
KLC-RJ 49	710-1170	4	4	15000	2440
KLC-RJ 55	880-1480	4	4	16800	2440

* The maximum flow includes recycle flow and is dependent on suspended solids loading and the application.

KWI specialists have vast expertise and experience ranging from engineering to building and commissioning, and from investment to operation.

Let's work together to make your project a success!

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ISO 14001:2015 No. 00095/0