



Delivering Clean Water Solutions



BAF

Designed for municipal installations for thickening sludges.

- floatables are collected by a skimmer unit at the top of the unit and transported to waste by a screw auger.
- adds more micro-bubbles per sq. in. than conventional methods
- uses ambient air eliminating compressors
- rugged stainless steel construction

The Baycor Advantage

Baycor's unique Air Flotation technology introduces thousands of micro air bubbles into the influent sequestering suspended solids, oils, greases, and other impurities causing them to rise to the top of the tank. The floating particulate matter is then skimmed off and diverted for additional processing. Sand, grit and heavier sediments sink to the bottom of the tank where it is extracted.

Unlike most other air flotation systems, the Baycor BAF utilizes ambient air rather than costly gas and compressed air injection. This novel approach substantially reduces ongoing operational costs, is easier to maintain, and requires a significantly smaller footprint.

But, don't take our word for it. Here's what clients have to say:

We purchased a Cavitation Air Flotation unit from Baycor approximately nine (9) years ago and have enjoyed a better than expected performance from it. We have experienced very few maintenance problems and found the efficiency of the unit to be above expectations.

Regards,

Paul Proctor
Waste Water Treatment Plant, Operations Coordinator
Petro-Canada

FEATURES

Unibody™ stainless steel construction

Air Flotation separator

Ambient air induction

Simple design

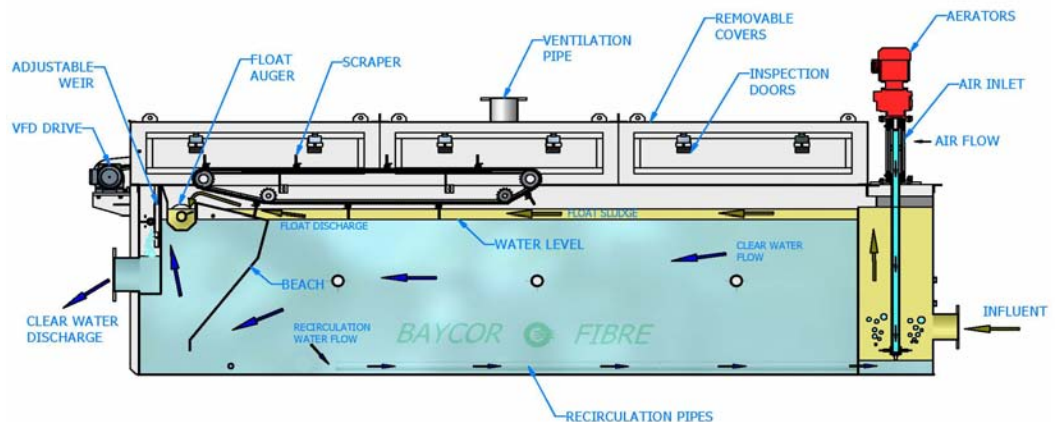
BENEFITS

Superior structural integrity for longevity of use
Minimal maintenance required

Efficiently separate buoyant grease, oil, and solids for easier and less costly treatment

Lower cost to operate and maintain
Does not require use of costly gasses and constant monitoring

Fewer mechanical parts and components requiring less maintenance and extended trouble free operation

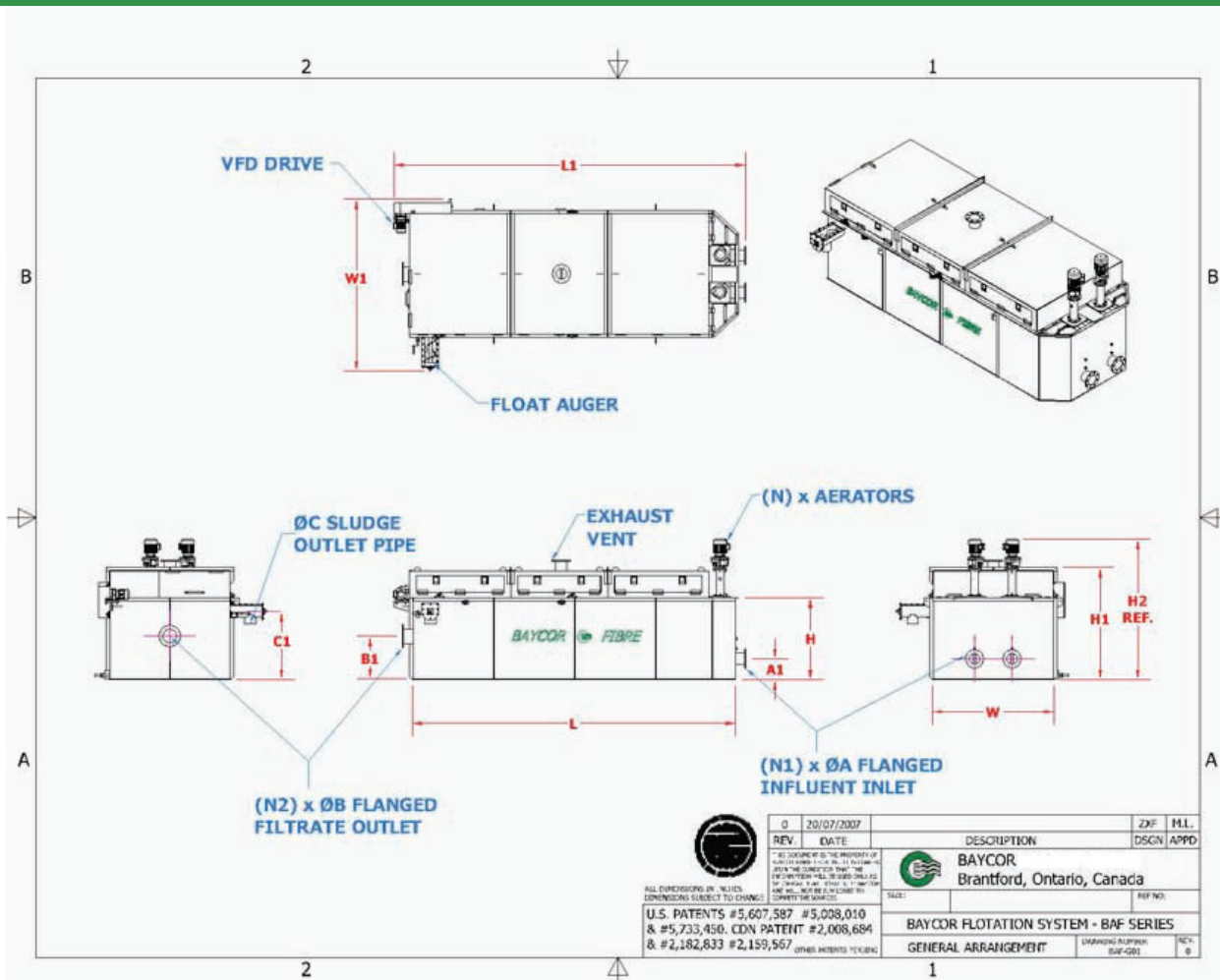




BAF Air Floatation

Delivering Clean Water Solutions

Product Specifications



Model	Flow (USG)	Air Flow (FT3/m)	N	N1	N2	A	A1	B	B1	C	C1	L	L1	W	W1	H	H1	H2
40	50	60	1	1	1	4	10.25	4	23.25	6	40.5	96	113.50	48.5	76.00	48.5	64.5	83.25
150	150	120	2	2	1	6	12.25	8	25.5	6	40.5	192	208.75	72.0	102.25	48.5	66.5	83.25
250	250	120	2	2	1	6	12.25	8	25.5	6	40.5	192	208.75	72.0	102.25	48.5	66.5	83.25
400	400	120	2	2	1	6	12.25	8	25.5	6	40.5	264	280.75	72.0	102.25	48.5	66.5	83.25
500	500	120	2	2	1	6	12.25	8	25.5	6	40.5	360	376.75	72.0	102.25	48.5	66.5	83.25
750	750	180	3	3	2	6	12.25	8	25.5	6	40.5	504	520.75	86.5	114.25	48.5	66.5	83.25
1500	1500	120	2	1	1	12	12.25	14	25.5	6	40.5	516	532.75	90.0	118.25	48.5	66.5	83.25