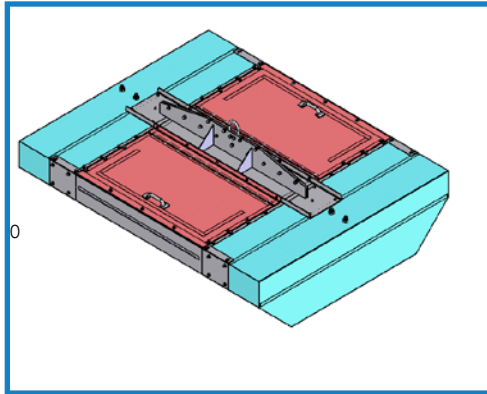


11820-DH Floating Decanter

1580 gal/min / 6 m³/min Capacity

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Flow ~ Control and Floating Decanter Systems



The 11820-DH has flow-controlled weirs with adjustable flow rate capabilities. The standard flow rate is 3 cubic meters per minute per meter of weir.

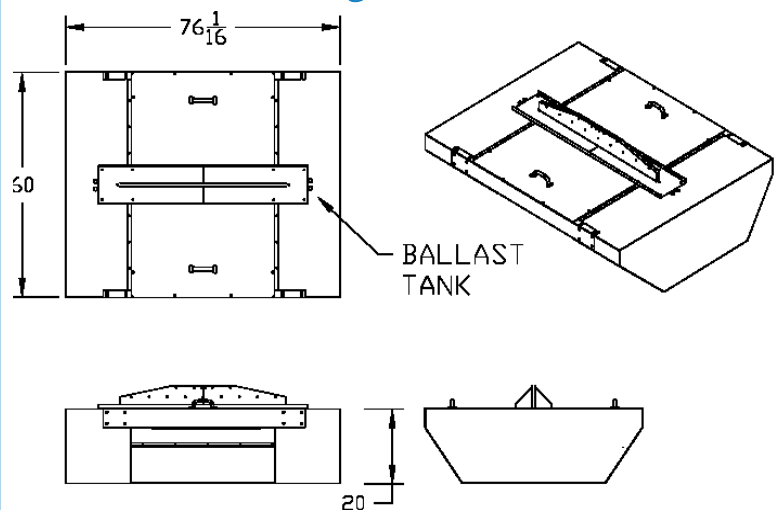
The 11820-DH has 2 meters of total weir, and therefore is normally operated at a flow rate 6 m³/min, 1580 gal/min. Maximin flow rate is 2,000gpm.

The 11820-DH excludes solid during the aeration cycle. Installation options include an articulating pipe swing arm or sphion deployment. The system can be gravity drained or pumped. Deployment is based on site-specific conditions.

This model includes:

- Flow Control Weirs
- Floating tanks with internal ballast tanks
- Integral lifting brackets
- Foam barrier
- Locking scum door
- Service doors
- Operation requires no solenoids or other electrical mechanical actuators
- There are no springs or spare parts required

Floating Decanter



The model 11820-DH is a floating decanter for the removal of supernatant in Sequencing Batch Reactors (SBR), flocculants tanks and other water treatment

Model 11820-DH

Dimensions	76 x 60 x 20in
Weight	480lbs
Material	304/316 Stainless
Port Size	8in
Flow Rate	1580 GPM / 6 m ³ /min

Floating Decanters

Model #	Construction	Flow Rate (Standard)	Total Meters of Weir	Weight	Dimensions L x W x H	Standard Port Size
11800-DH	Stainless 304/316	370 GPM / 1.4 m ³ PM	.5m	160lbs	34 x 60 x 20in	4in
11820-DH	Stainless 304/316	1480 GPM / 5.6 m ³ PM	2m	440lbs	76 x 60 x 20in	8in
11840-DH	Stainless 304/316	2958 GPM / 11.2 m ³ PM	4m	640lbs	140 x 60 x 20in	12in

Higher flow rates achieved with multiple heads.

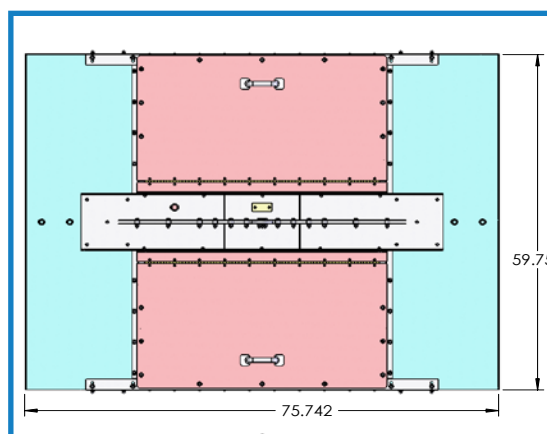
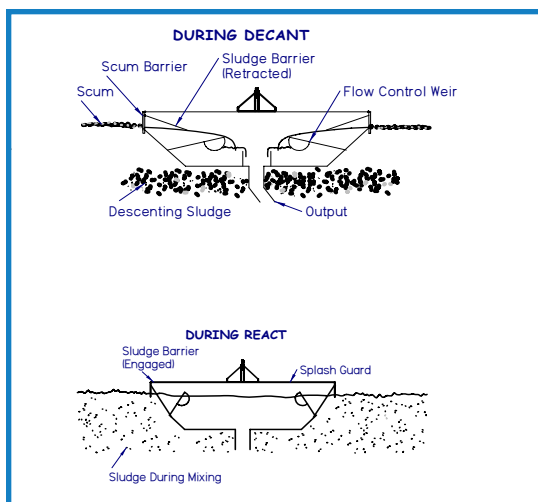
304/316 Stainless Steel Construction, Sump, and Lifting Bracket 12 gage; Float and Weir 18 gage

Flow rate set to a desired rate of decanting normally 2.8 cubic meters per minute per meter of weir

ANSI Flange Bolt Pattern Standard

Flow rate assumes at least a 18in head

Dimensions and specifics subject to change without notice



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