

Ecoflo® Biofilter – Concrete

Technical data sheet -VT

This is the technical data sheet of the **Concrete Ecoflo® Biofilter**. If you have any questions or comments please contact the customer service at **1 800 632-6356**.

Material used

- **Shell:** Reinforced concrete 5000 PSI (35 MPa);
- **Lid, central support, tipping bucket, distribution plates:** plastic;
- **Filtering media:** natural fibers.

Models	STB-500BR-H1*	STB-650BR-H1*	STB-650BR-H3**
Assembled version available	Yes	Yes	No
Maximum Design Capacity (USG/d)	Up to 420	Up to 600	
Typical Application	3BR	5BR	
VT Q design (USG/d)	420	560	
Effective storage volume (between bottom of the tank and under the filtering media) (USG)	250	325	900
Total Emergency Built-in Storage Capacity (USG)	720	915	1 560
Total Emergency Built-in Storage Capacity (h)	41	39	67
Max dosing volume (USG)	90	120	250
Length (A)	9' 7"	12' 6"	12' 8"
Width (B)	6' 5"	6' 5"	6' 11"
Height (C)	6' 2"	6'	7' 8"
Inlet height (D)	4' 3"	4' 1"	5' 8"
Inlet height (E)	2'	2'	2'
Outlet height (Fp)	4' 7"	4' 5"	5' 10"
Weight*** (tank only)	8 000 lb	11 000 lb	16 020 lb
Weight*** (tank + top slab)	11 500 lb	15 000 lb	21 220 lb
Weight*** (tank + filtering media)	9 070 lb	12 020 lb	---
Weight*** (tank + slab + filtering media)	12 570 lb	16 020 lb	---

* Available with gravity discharge outlet.

** Special command only

*** Weights may vary according to mold configuration, they are approximate and not binding (for handling and lifting purposes only)

