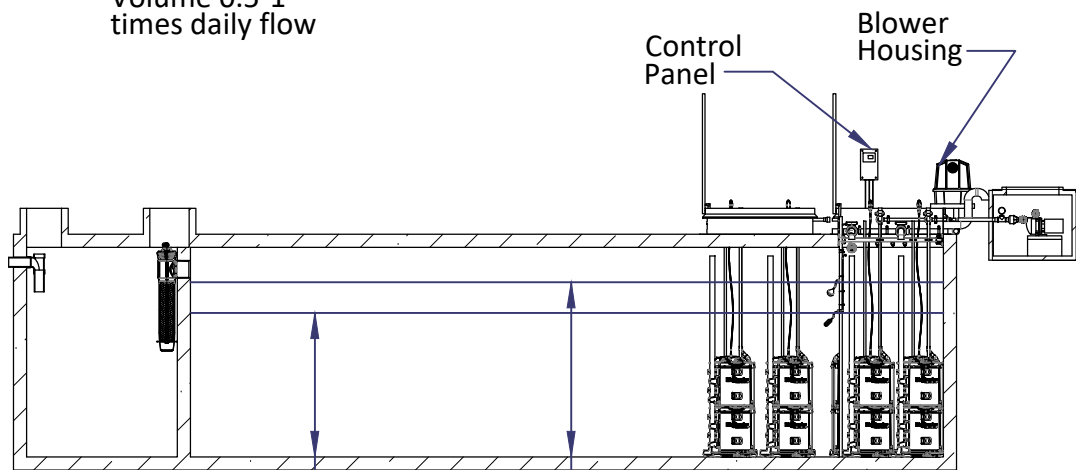


Settling Zone
Volume 0.5-1
times daily flow

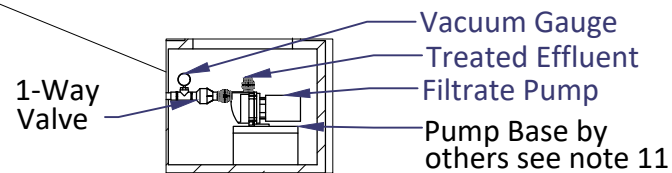
Treatment Zone



Operating Water Level
[168]
66

Maximum Water Level
[203 MAX]
80 MAX

SECTION B-B



NOTES

1. Blower piping to BioBarrier® HSMBR® may not exceed 40 FT [12 m] total length and use 4 elbows maximum. For distances greater than 40 FT [12 m] - consult factory. Blowers must be located above flood/standing water levels on concrete bases 58" X 36" X 2" [150 X 90 X 5cm] minimum.
2. Run vent(s) to desired location above finish grade and cover opening(s) with vent grate(s) w/at least 25 sq in. [161 sq. cm] of total open surface area. Secure with stainless steel screws. Vent piping must not allow excess moisture build up or back pressure.
3. All appurtenances to BioBarrier® (e.g. tank pump outs, etc.) must conform to all country, state, province, and local plumbing and electrical codes.
4. The BioBarrier® HSMBR® control systems are provided by Bio-Microbics, Inc.
5. The primary compartments may be a separate tank.
6. The baffle separating the settling and the treatment chambers shall be sealed to the top of the tank, as shown on the drawing. Ventilation for the settling zone shall be provided for in the same manner as a traditional septic tank.
7. All inspection, viewing, access, and pump out ports must be secured, to prevent accidental or unauthorized access.
8. Tank, anchors, piping, conduit, blower housing pads and vents are provided by others.
9. All piping and ancillary equipment installed after BioBarrier® HSMBR®, must not impede or restrict filtrate pump.
10. BioBarrier® HSMBR® assemblies must be secured to the tanks to prevent movement or floatation(see Installation Instructions for details).
11. Filtrate pump vault must remain dry.

DO NOT SCALE
UNLESS NOTED
DIMENSIONS
ARE IN INCHES
[CENTIMETERS]
TOLERANCES
± 0.02 IN/IN
[± 0.05 CM/CM]



HSMBR 4.5

WEIGHT		lb	SIZE	DRAWING NUMBER		SHEET 1 OF 4
NAME		DATE	A	HSMBR® 4.5		
DRAWN		CTC		11/25/2009		
CHECKED		PF	10/12/2015		REVISED 1/19/2022	

