Table 1. Maintenance, Inspection, Pumping Requirements

Bio-Microbics MicroFAST® (Models— 0.5, 0.75, 0.9, 1.5, 3.0, 4.5, and 9.0)

Initial/Startup Inspection/ Maintenance Requirements	See Installation and Service Manuals
Routine Inspection/Maintenance Cycle	NSF Certified models (0.5-1.5) require a 2-yr. service agreement with maintenance/inspection interval every 6 mos.; annually thereafter. Non-NSF Certified units require annual maintenance/inspections
Ongoing Pumping Cycle And/Or Requirements	Pump when sludge depth is ≥18 inches in the settling tank, or as required by state or local regulators. See Service Manual for when to pump out treatment zone
Back-Wash Cycle	N/A
NSF 40 Effluent Standard*	Class 1 and NSF std. 245 (nitrogen reduction) for NSF certified models (0.5-1.5)
BOD_5 Credit For Downsizing Distribution Area	YES (Table SPS 383.44)
Fecal Credit For Reduction Of Vertical Separation	YES (Table SPS 383.44)
Additional Comments	For seasonal occupancy, turn off blower when vacated. See Service Manual for additional instruction.

* NOTE: NSF/ANSI 40 Effluent Standard row - Class I, Class 2, and None or NA

Table 2. System Requirements and Characteristics

Bio-Microbics MicroFAST® (Models— 0.5, 0.75, 0.9, 1.5, 3.0, 4.5, and 9.0)

MicroFAST® Model Number	**0.5**	**0.75**	**0.9**	**1.5**	**3.0**	**4.5**	**9.0**
Maximum DWF (gals./day) * Based on 150 gpd/bedroom	500	750	900	1500	3000	4500	9000
Maximum BOD5 (lbs./day)-- Based on residential strength (250 mg/L)	1.0	1.5	2.0	3.0	6.0	9.0	18.0
Minimum Tank Capacity (gals.) — insert tank/upstream tank	450/350	750/500	750/500	1125/750	2205/1500	4219/1406	8438/2813
Minimum Tank Dimensions (inches) for Insertion **	Please refer to the product drawings for the MicroFAST® product line found at www.BioMicrobics.com						
Minimum Liquid Limit (inches) for Insert							
Maximum Depth of Bury of Lid Mounted Unit Cover (inches)**	36	36	36	36	36	N/A	N/A
Blower Capacity (cfm)	17-25	17-25	17-25	20-45	44-85	90-140	155-200

* Multiple units may be installed in parallel—individual tanks or hard-piped in one tank.