

Table 1. Maintenance, Inspection, Pumping Requirements
Bio-Microbics RetroFAST® (Models—0.25 and 0.375)

Initial/Startup Inspection/ Maintenance Requirements	See Installation Manual and Service Manual
Routine Inspection/Maintenance Cycle	See Service Manual
Ongoing Pumping Cycle And/Or Requirements	Pump when sludge depth is ≥18 inches in the settling zone, 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*	N/A ETV Verified
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	A two-year service agreement is required. For seasonal occupancy, turn off blower when vacated. See Service Manual for more information.

* NOTE: NSF/ANSI 40 Effluent Standard row - Class 1, Class 2, and None or NA

Table 2. System Requirements and Characteristics
Bio-Microbics RetroFAST® (Models—0.25 and 0.375)

Model	RetroFAST 0.25	RetroFAST 0.375
Maximum DWF (gals./day) * Based on 150 gpd/bedroom	250	375
Maximum BOD ₅ (lbs./day) Based on residential strength	0.498 0.5	0.798 0.75
Minimum Tank Capacity (gals.) for Insertion	250	350
Minimum Tank Dimensions (inches) for Insertion	36 L X 28 W X 44 H	36 L X 40 W X 44 H
Minimum Liquid Limit (inches) for Insertion	38	38
Maximum Depth of Bury of Unit Cover (inches)	48	48
Blower Capacity (cfm)	9-24	9-24

* Multiple units maybe installed—free standing or hard-piped in parallel.