



PINNACLE ENVIRONMENTAL TECHNOLOGIES INC.

P. O. Box 12112, Langley, BC (Location: 22867 Fraser Highway)

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Effective: Aug 9, 2011 MicroFAST® Model Number		Hydraulic Loading per Day	Equivalent Number of persons	Tanks Working Volumes				Standard Blower Power Details alternates available
				Trash Collection		FAST® Treatment		
				Minimum	Maximum	Minimum	Maximum	
MicroFAST® 0.375 (not available in) (Ontario & Alberta)	US Gals	375	up to 6	240	563	300	N/A	1/3 HP, 115/1/60
	Imp Gals	312		200	450	250	N/A	0.322 kW/hr
	Litres	1,420		909	2,045	1,136	N/A	3.6 FLA 20 LRA
MicroFAST® 0.5	US Gals	500	up to 8	350	750	450	N/A	1/3 HP, 115/1/60
	Imp Gals	416		292	625	375	N/A	0.322 kW/hr
	Litres	1,893		1,325	2,841	1,705	N/A	3.6 FLA 20 LRA
MicroFAST® 0.6 (not available in) (Ontario & Alberta)	US Gals	600	up to 9	400	900	450	N/A	1/3 HP, 115/1/60
	Imp Gals	500		375	750	375	N/A	0.322 kW/hr
	Litres	2,273		1,705	3,409	1,705	N/A	3.6 FLA 20 LRA
MicroFAST® 0.75	US Gals	750	up to 11	500	1,125	750	N/A	1/3 HP, 115/1/60
	Imp Gals	625		416	950	625	N/A	0.322 kW/hr
	Litres	2,841		1,891	4,318	2,841	N/A	3.6 FLA 20 LRA
MicroFAST® 0.9	US Gals	900	up to 14	500	1,350	750	N/A	1/3 HP, 115/1/60
	Imp Gals	750		416	1,125	625	N/A	0.322 kW/hr
	Litres	3,407		1,891	5,114	2,841	N/A	3.6 FLA 20 LRA
MicroFAST® 1.0 (not available in) (Ontario & Alberta)	US Gals	1,000	6 - 16	500	1,500	750	N/A	1/2 HP, 115/1/60
	Imp Gals	834		416	1,250	625	N/A	0.575 kW/hr
	Litres	3,791		1,891	5,683	2,841	N/A	5.6 FLA 23.2 LRA
MicroFAST® 1.5	US Gals	1,500	6 - 21	750	2,250	1,125	N/A	1/2 HP, 115/1/60
	Imp Gals	1,250		625	1,875	938	N/A	0.575 kW/hr
	Litres	5,678		2,841	8,523	4,259	N/A	5.6 FLA 23.2 LRA
MicroFAST® 3.0	US Gals	3,000	10 - 42	1,500	4,500	2,250	N/A	1 1/2 HP, 230/1/60
	Imp Gals	2,500		1,250	3,750	1,875	N/A	1.85 kW/hr
	Litres	11,365		5,682	17,048	8,517	N/A	9.5 FLA 21 LRA
MicroFAST® 4.5	US Gals	4,500	18 - 63	1,406	6,750	4,219	N/A	2 1/2 HP, 230/3/60
	Imp Gals	3,750		1,250	5,620	3,513	N/A	1.69 kW/hr
	Litres	17,034		5,683	25,549	15,971	N/A	7.6 FLA 54 LRA
MicroFAST® 9.0	US Gals	9,000	30 - 126	4,500	13,500	8,438	N/A	5 HP, 230/3/60
	Imp Gals	7,500		3,750	11,240	7,026	N/A	1.69 kW/hr
	Litres	34,068		17,048	51,097	31,941	N/A	12 FLA 54 LRA
MicroFAST® 10.0	US Gals	10,000	30 - 140	5,000	15,000	9,375	N/A	7 1/2 HP, 208/3/60
	Imp Gals	8,834		4,164	12,500	7,026	N/A	4.8 kW/hr
	Litres	37,910		18,927	56,781	35,488	N/A	14 FLA 54LRA
MicroFAST® 12.0	US Gals	12,000	30 - 168	6,000	18,000	10,688	N/A	7 1/2 HP, 208/3/60
	Imp Gals	10,000		5,000	15,000	8,900	N/A	4.8 kW/hr
	Litres	45,424		22,730	68,190	40,460	N/A	14 FLA 58 LRA

MicroFAST® details listed above are for residential strength sewage wastewater. For sewage wastewater that is considered to be high strength or mixed/complex flows contact Pinnacle Environmental Technologies Inc. for site specific design specifications and details. Flow balancing system to be used for flows greater than 4,500 us gals/day

Air Blowers are dual voltage - 115~230 VAC or 208,230~460. Note the phase on the standard blowers as listed above The controller for the air blower determines the Voltage and the Phase required for the system being installed.

Controllers and air blowers for the alternate or the other Voltage or Phase are available on request.

Activated Sludge Return system c/w control panel included with MCF 4.5, MCF 9.0, MCF 10.0 & MCF 12.0