

Silver Sonic Turbine® Performance Data

Pressure		Vibrator Model											
		SST-12			SST-16			SST-25			SST-35		
		Speed	Flow	Force	Speed	Flow	Force	Speed	Flow	Force	Speed	Flow	Force
		rpm	cfm	lb	rpm	cfm	lb	rpm	cfm	lb	rpm	cfm	lb
psi	bar		Lpm	N		Lpm	N		Lpm	N		Lpm	N
20	1.38	24,500	< 1.0	102	18,100	1.3	158	12,200	3.4	414	7,500	6.8	436
			< 28	455		37	704		96	1843		193	1940
30	2.07	30,000	1.2	153	20,750	1.5	208	13,950	3.8	542	9,500	7.5	700
			34	682		42	925		108	2409		212	3113
40	2.76	32,000	1.4	174	23,550	1.6	268	15,100	5.0	635	10,900	10.0	921
			40	776		45	1191		142	2823		283	4098
50	3.45	34,000	1.6	197	25,000	1.8	302	16,550	6.5	762	12,000	12.0	1116
			45	876		51	1342		184	3391		340	4966
60	4.14	36,000	1.8	221	27,230	1.9	358	17,600	8.5	862	13,000	15.0	1310
			51	982		54	1592		241	3835		425	5828
70	4.83	38,000	2.0	246	28,800	2.0	400	18,400	10.0	942	14,000	17.0	1520
			57	1095		57	1781		283	4191		481	6760
80	5.52	40,000	2.1	273	30,000	2.2	435	19,000	11.5	1005	15,500	20.0	1863
			59	1213		62	1933		326	4469		566	8286
Unbalance		lb-in	0.006		0.017		0.098			0.273			
		kg-mm	0.07		0.20		1.13			3.15			
Start-Up Pressure		psi	5		5		5			10			
		bar	0.34		0.34		0.34			0.68			