

Nitrous to Fuel Flow Chart



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Customer Name	Nitrous Outlet
System Type	Nitrous Outlet Braided Hose Puck with a .122 Nitrous Solenoid and .177 Fuel
Bottle Configuration	Single 15 lb Bottle With .395 ID Valve
N20 Pressure	950
Solenoids	.122 Nitrous and .177 Fuel
Nozzles/ Dist.	Puck
Feed Line Size/Length	16 ft 6 AN
Flow Jet in Flow tool	Use the fuel jet you are using in the puck. (Tune ups were done setting pressure flowing through puck)(Flow tool only showed a .2 difference in pressure)

Stage	N20 Jet	PSI Drop	lbs 5 Sec.	N20 lbs Hour	Horse Power	Fuel Jet	Fuel PPH	Fuel PSI	N20:Fuel Ratio	Notes
	0.031	18	0.17	122.4	34	0.023	12	5	9.9:1	
	0.031	18	0.17	122.4	34	0.023	13.5167	6	9.1:1	
	0.031	18	0.17	122.4	34	0.023	15.7695	7	7.8:1	Start Here
	0.031	18	0.17	122.4	34	0.023	18.0223	8	6.8:1	
	0.031	18	0.17	122.4	34	0.023	19.1487	9	6.4:1	
	0.031	18	0.17	122.4	34	0.023	20.2751	10	6:1	
	0.035	20	0.23	165.6	46	0.026	15.7695	5	10.5:1	
	0.035	20	0.23	165.6	46	0.026	18.0223	6	9.2:1	
	0.035	20	0.23	165.6	46	0.026	20.2751	7	8.2:1	Start Here
	0.035	20	0.23	165.6	46	0.026	21.4015	8	7.7:1	
	0.035	20	0.23	165.6	46	0.026	22.5278	9	7.4:1	
	0.035	20	0.23	165.6	46	0.026	23.6542	10	7:1	
	0.041	20	0.32	230.4	64	0.030	24.7806	5	9.3:1	
	0.041	20	0.32	230.4	64	0.030	27.0334	6	8.5:1	
	0.041	20	0.32	230.4	64	0.030	29.2862	7	7.9:1	Start Here
	0.041	20	0.32	230.4	64	0.030	31.539	8	7.3:1	
	0.041	20	0.32	230.4	64	0.030	33.7918	9	6.8:1	

	0.041	20	0.32	230.4	64	0.030	34.9182	10	6.6:1	
	0.052	34	0.54	388.8	108	0.037	42.8029	5	9.1:1	
	0.052	34	0.54	388.8	108	0.037	45.0557	6	8.6:1	
	0.052	34	0.54	388.8	108	0.037	47.3085	7	8.2:1	Start Here
	0.052	34	0.54	388.8	108	0.037	49.5613	8	7.8:1	
	0.052	34	0.54	388.8	108	0.037	54.0668	9	7.2:1	
	0.052	34	0.54	388.8	108	0.037	56.3196	10	6.9:1	
	0.057	33	0.62	446.4	124	0.042	51.8141	5	8.6:1	
	0.057	33	0.62	446.4	124	0.042	56.3196	6	7.9:1	Start Here
	0.057	33	0.62	446.4	124	0.042	58.5724	7	7.6:1	
	0.057	33	0.62	446.4	124	0.042	63.078	8	7.1:1	
	0.057	33	0.62	446.4	124	0.042	65.3308	9	6.8:1	
	0.057	33	0.62	446.4	124	0.042	72.0891	10	6.2:1	
	0.062	33	0.73	525.6	146	0.046	58.5724	5	9:1	
	0.062	33	0.73	525.6	146	0.046	65.3308	6	8:1	Start Here
	0.062	33	0.73	525.6	146	0.046	69.8363	7	7.5:1	
	0.062	33	0.73	525.6	146	0.046	76.5947	8	6.9:1	
	0.062	33	0.73	525.6	146	0.046	78.8475	9	6.7:1	
	0.062	33	0.73	525.6	146	0.046	83.353	10	6.3:1	
	0.073	40	0.98	705.6	196	0.050	74.3419	5	9.5:1	
	0.073	40	0.98	705.6	196	0.050	81.1003	6	8.7:1	
	0.073	40	0.98	705.6	196	0.050	90.1114	7	7.8:1	Start Here
	0.073	40	0.98	705.6	196	0.050	94.617	8	7.5:1	
	0.073	40	0.98	705.6	196	0.050	101.375	9	7:1	
	0.073	40	0.98	705.6	196	0.050	108.134	10	6.5:1	
	0.078	33	1.12	806.4	224	0.054	76.5947	5	10.5:1	

	0.078	33	1.12	806.4	224	0.054	87.8586	6	9.2:1	
	0.078	33	1.12	806.4	224	0.054	92.3642	7	8.7:1	
	0.078	33	1.12	806.4	224	0.054	99.1225	8	8.1:1	Start Here
	0.078	33	1.12	806.4	224	0.054	105.881	9	7.6:1	
	0.078	33	1.12	806.4	224	0.054	112.639	10	7.2:1	
	0.082	44	1.16	835.2	232	0.058	87.8586	5	9.5:1	
	0.082	44	1.16	835.2	232	0.058	99.1225	6	8.4:1	
	0.082	44	1.16	835.2	232	0.058	105.881	7	7.9:1	Start Here
	0.082	44	1.16	835.2	232	0.058	112.639	8	7.4:1	
	0.082	44	1.16	835.2	232	0.058	123.903	9	6.7:1	
	0.082	44	1.16	835.2	232	0.058	130.662	10	6.4:1	
	0.088	36	1.38	993.6	276	0.062	101.375	5	9.8:1	
	0.088	36	1.38	993.6	276	0.062	108.134	6	9.2:1	
	0.088	36	1.38	993.6	276	0.062	119.398	7	8.3:1	Start Here
	0.088	36	1.38	993.6	276	0.062	130.662	8	7.6:1	
	0.088	36	1.38	993.6	276	0.062	132.914	9	7.5:1	
	0.088	36	1.38	993.6	276	0.062	141.925	10	7:1	
	0.093	52	1.45	1044	290	0.067	112.639	5	9.3:1	
	0.093	52	1.45	1044	290	0.067	123.903	6	8.4:1	
	0.093	52	1.45	1044	290	0.067	135.167	7	7.7:1	Start Here
	0.093	52	1.45	1044	290	0.067	144.178	8	7.2:1	
	0.093	52	1.45	1044	290	0.067	159.948	9	6.5:1	
	0.093	52	1.45	1044	290	0.067	164.453	10	6.3:1	
	0.099	61	1.61	1159.2	322	0.070	112.639	5	10.3:1	
	0.099	61	1.61	1159.2	322	0.070	128.409	6	9:1	
	0.099	61	1.61	1159.2	322	0.070	139.673	7	8.3:1	Start Here
	0.099	61	1.61	1159.2	322	0.070	148.684	8	7.8:1	

	0.099	61	1.61	1159.2	322	0.070	159.948	9	7.2:1	
	0.099	61	1.61	1159.2	322	0.070	166.706	10	7:1	
	0.110	63	1.8	1296	360	0.076	130.662	5	9.9:1	
	0.110	63	1.8	1296	360	0.076	141.925	6	9.1:1	
	0.110	63	1.8	1296	360	0.076	157.695	7	8.2:1	Start Here
	0.110	63	1.8	1296	360	0.076	168.959	8	7.7:1	
	0.110	63	1.8	1296	360	0.076	177.97	9	7.3:1	
	0.110	63	1.8	1296	360	0.076	186.981	10	6.9:1	
	0.125	51	1.88	1353.6	376	0.080	144.178	5	9.4:1	
	0.125	51	1.88	1353.6	376	0.080	159.948	6	8.5:1	
	0.125	51	1.88	1353.6	376	0.080	164.453	7	8.2:1	Start Here
	0.125	51	1.88	1353.6	376	0.080	184.728	8	7.3:1	
	0.125	51	1.88	1353.6	376	0.080	195.992	9	6.9:1	
	0.125	51	1.88	1353.6	376	0.080	209.509	10	6.5:1	
	0.136	58	1.96	1411.2	392	0.084	148.684	5	9.5:1	
	0.136	58	1.96	1411.2	392	0.084	159.948	6	8.8:1	
	0.136	58	1.96	1411.2	392	0.084	177.97	7	7.9:1	Start Here
	0.136	58	1.96	1411.2	392	0.084	191.487	8	7.4:1	
	0.136	58	1.96	1411.2	392	0.084	202.751	9	7:1	
	0.136	58	1.96	1411.2	392	0.084	216.267	10	6.5:1	