

Nitrous to Fuel Flow Chart



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Customer Name	Hornet Plate With Single .178 Nitrous & 310 Fuel Solenoids
System Type	Hornet Plate With Single .178 Nitrous & 310 Fuel Solenoids
Bottle Configuration	Single 15lb Bottle
N20 Pressure	950 PSI
Solenoids	.178 Nitrous and .310 Fuel Solenoid
Nozzles/ Dist.	Hornet Plate
Feed Line Size/Length	16 ft 6 AN Feed line
Flow Jet in Flow tool	Use the fuel jet you are using in the plate. (Tune ups were done setting pressure flowing through plate)(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
	0.035	49	0.55	396	110	0.026	36	5	11:1	
	0.035	49	0.55	396	110	0.026	38.1895	6	10.3:1	
	0.035	49	0.55	396	110	0.026	42.6823	7	9.2:1	
	0.035	49	0.55	396	110	0.026	47.1752	8	8.3:1	
	0.035	49	0.55	396	110	0.026	51.6681	9	7.6:1	Start Here
	0.035	49	0.55	396	110	0.026	56.161	10	7:01	
	0.041	40	0.7	504	140	0.030	53.9145	5	9.3:1	
	0.041	40	0.7	504	140	0.030	58.4074	6	8.6:1	
	0.041	40	0.7	504	140	0.030	65.1467	7	7.7:1	Start Here
	0.041	40	0.7	504	140	0.030	69.6396	8	7.2:1	
	0.041	40	0.7	504	140	0.030	76.3789	9	6.5:1	
	0.041	40	0.7	504	140	0.030	78.6254	10	6.4:1	
	0.057	38	1.17	842.4	234	0.040	89.8576	5	9.3:1	
	0.057	38	1.17	842.4	234	0.040	101.09	6	8.3:1	
	0.057	38	1.17	842.4	234	0.040	107.829	7	7.8:1	Start Here
	0.057	38	1.17	842.4	234	0.040	119.061	8	7.0:1	
	0.057	38	1.17	842.4	234	0.040	125.801	9	6.7:1	

	0.057	38	1.17	842.4	234	0.040	132.54	10	6.3:1	
	0.062	46	1.38	993.6	276	0.042	101.09	5	9.8:1	
	0.062	46	1.38	993.6	276	0.042	114.568	6	8.6:1	
	0.062	46	1.38	993.6	276	0.042	123.554	7	8.0:1	Start Here
	0.062	46	1.38	993.6	276	0.042	132.54	8	7.4:1	
	0.062	46	1.38	993.6	276	0.042	141.526	9	7.0:1	
	0.062	46	1.38	993.6	276	0.042	143.772	10	6.9:1	
	0.067	60	1.51	1087.2	302	0.042	101.09	5	10.7:1	
	0.067	60	1.51	1087.2	302	0.042	114.568	6	9.4:1	
	0.067	60	1.51	1087.2	302	0.042	123.554	7	8.7:1	
	0.067	60	1.51	1087.2	302	0.042	132.54	8	8.2:1	Start Here
	0.067	60	1.51	1087.2	302	0.042	141.526	9	7.6:1	
	0.067	60	1.51	1087.2	302	0.042	143.772	10	7.5:1	
	0.073	91	1.8	1296	360	0.046	125.801	5	10.3:1	
	0.073	91	1.8	1296	360	0.046	139.279	6	9.3:1	
	0.073	91	1.8	1296	360	0.046	150.511	7	8.6:1	
	0.073	91	1.8	1296	360	0.046	161.744	8	8.0:1	start Here
	0.073	91	1.8	1296	360	0.046	172.976	9	7.4:1	
	0.073	91	1.8	1296	360	0.046	179.715	10	7.2:1	
	0.078	73	2.05	1476	410	0.054	155.004	5	9.5:1	
	0.078	73	2.05	1476	410	0.054	170.729	6	8.6:1	
	0.078	73	2.05	1476	410	0.054	186.454	7	7.9:1	Start Here
	0.078	73	2.05	1476	410	0.054	199.933	8	7.3:1	
	0.078	73	2.05	1476	410	0.054	217.905	9	6.7.6:	
	0.078	73	2.05	1476	410	0.054	231.383	10	6.3:1	
		0	0							
	0.082	79	2.22	1598.4	444	0.060	163.99	5	9.7:1	

	0.082	79	2.22	1598.4	444	0.060	184.208	6	8.6:1	
	0.082	79	2.22	1598.4	444	0.060	199.933	7	7.9:1	Start Here
	0.082	79	2.22	1598.4	444	0.060	215.658	8	7.4:1	
	0.082	79	2.22	1598.4	444	0.060	231.383	9	6.9:1	
	0.082	79	2.22	1598.4	444	0.060	244.862	10	6.5:2	
	0.093	87	2.64	1900.8	528	0.070	193.194	5	9.8:1	
	0.093	87	2.64	1900.8	528	0.070	213.412	6	8.9:1	
	0.093	87	2.64	1900.8	528	0.070	238.123	7	7.9:1	Start Here
	0.093	87	2.64	1900.8	528	0.070	253.848	8	7.4:1	
	0.093	87	2.64	1900.8	528	0.070	269.573	9	7.0:1	
	0.093	87	2.64	1900.8	528	0.070	285.298	10	6.6:1	
	0.099	88	2.78	2001.6	556	0.074	202.18	5	9.9:1	
	0.099	88	2.78	2001.6	556	0.074	229.137	6	8.7:1	
	0.099	88	2.78	2001.6	556	0.074	247.108	7	8.1:1	Start Here
	0.099	88	2.78	2001.6	556	0.074	267.326	8	7.4:1	
	0.099	88	2.78	2001.6	556	0.074	287.544	9	6.9:1	
	0.099	88	2.78	2001.6	556	0.074	305.516	10	6.5:1	
	0.105	119	2.98	2145.6	596	0.078	215.658	5	9.9:1	
	0.105	119	2.98	2145.6	596	0.078	244.862	6	8.7:1	
	0.105	119	2.98	2145.6	596	0.078	267.326	7	8.0:1	Start Here
	0.105	119	2.98	2145.6	596	0.078	289.791	8	7.4:1	
	0.105	119	2.98	2145.6	596	0.078	310.009	9	6.9:1	
	0.105	119	2.98	2145.6	596	0.078	334.719	10	6.4:1	
	0.125	110	3.34	2404.8	668	0.099	249.355	5	9.6:1	
	0.125	110	3.34	2404.8	668	0.099	278.558	6	8.6:1	
	0.125	110	3.34	2404.8	668	0.099	314.501	7	7.6:1	Start Here
	0.125	110	3.34	2404.8	668	0.099	327.98	8	7.3:1	

