Nitrous to Fuel Flow Chart

NITROUS OUTLET

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Customer Name	Dual Entry Billet Spacer Plate (TSP & BTR)
System Type	Hard-Lined Dual Entry Billet Spacer Plate
Bottle Configuration	Single 15lb With Billet .508 ID Valve
N20 Pressure	950 PSI
Solenoids	Singe .122 N20 and .177 Fuel Solenoids
Nozzles/ Dist.	Dual Entry Billet Feed Bar
Feed Line Size/Length	6ft 6AN
Flow Jet in Flow tool	Fuel Pressure set by Flowing Suggested fuel jets through the plate system

Stage	N2O Jet	PSI Drop	lbs 5 Sec.	N2O lbs Hour	Horse Power	Fuel Jet	Fuel PPH	Fuel PSI	N2O:Fuel Ratio	Notes
	0.031	21	0.36	259.2	72	0.026	32	5	8.1:1	
	0.031	21	0.36	259.2	72	0.023	32.1	7	8.07:1	
	0.031	21	0.36	259.2	72	0.021	32.9	10	7.88:1	
	0.031	21	0.36	259.2	72	0.016	43.1	45	6.01:1	
	0.031	21	0.36	259.2	72	0.016	46.5	55	5.57:1	
	0.035	34	0.55	396	110	0.031	50.2	5	7.89:1	
	0.035	34	0.55	396	110	0.029	52.9	7	7.49:1	
	0.035	34	0.55	396	110	0.026	49.9	10	7.94:1	
	0.035	34	0.55	396	110	0.017	51.8	45	7.64:1	
	0.035	34	0.55	396	110	0.017	55.3	55	7.16:1	
	0.044	42	0.78	561.6	156	0.037	69.5	5	8.08:1	
	0.044	42	0.78	561.6	156	0.034	72.6	7	7.74:1	
	0.044	42	0.78	561.6	156	0.031	72	10	7.8:1	
	0.044	42	0.78	561.6	156	0.022	78.2	45	7.18:1	
	0.044	42	0.78	561.6	156	0.021	71	55	7.91:1	
	0.052	55	1.01	727.2	202	0.044	93.7	5	7.76:1	
	0.052	55	1.01	727.2	202	0.041	92.3	7	7.88:1	
	0.052	55	1.01	727.2	202	0.036	96.4	10	7.54:1	
	0.052	55	1.01	727.2	202	0.026	96.2	45	7.56:1	
	0.052	55	1.01	727.2	202	0.024	95.5	55	7.61:1	
	0.062	53	1.23	885.6	246	0.054	114.8	5	7.71:1	
	0.062	53	1.23	885.6	246	0.050	116.2	7	7.62:1	
	0.062	53	1.23	885.6	246	0.041	115.2	10	7.69:1	
	0.062	53	1.23	885.6	246	0.028	109	45	8.12:1	
	0.062	53	1.23	885.6	246	0.027	114.9	55	7.71:1	
	0.073	67	1.55	1116	310	0.066	136.8	5	8.16:1	
	0.073	67	1.55	1116	310	0.057	148	7	7.54:1	
	0.073	67	1.55	1116	310	0.048	142.3	10	7.84:1	
	0.073	67	1.55	1116	310	0.034	169.5	45	6.58:1	
	0.073	67	1.55	1116	310	0.030	140	55	7.97:1	
	0.082	67	1.75	1260	350	n/a	140	5	9:1	
	0.082	67	1.75	1260	350	0.064	161.7	7	7.79:1	
	0.082	67	1.75	1260	350	0.050	166	10	7.59:1	
	0.082	67	1.75	1260	350	0.036	168	45	7.5:1	
	0.082	67	1.75	1260	350	0.032	161.9	55	7.78:1	