

Nitrous to Fuel Flow Chart



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Customer Name	Kraken
System Type	Kraken Plate
Bottle Configuration	Single 15 lb
N2O Pressure	950 psi
Solenoids	.199 Competition nitrous / .310 Fuel solenoid
Nozzles/ Dist.	Kraken Plate
Feed Line Size/Length	6' 6an
Flow Jet in Flow tool	0.073

Stage	N2O Jet	PSI Drop	lbs 5 Sec.	N2O lbs Hour	Horse Power	Fuel Jet	Fuel PPH	Fuel PSI	N2O:Fuel Ratio	Notes
	0.024	42	0.88	633.6	176	0.019	72	5	8.8:1	
	0.024	42	0.88	633.6	176	0.019	76	5.5	8.34:1	
	0.024	42	0.88	633.6	176	0.019	79	6	8.02:1	Start Here
	0.024	42	0.88	633.6	176	0.019	82	6.5	7.73:1	
	0.024	42	0.88	633.6	176	0.019	86	7	7.37:1	
	0.024	42	0.88	633.6	176	0.019	88	7.5	7.2:1	
	0.024	42	0.88	633.6	176	0.019	91	8	6.96:1	
	0.026	37	0.95	684	190	0.019	72	5	9.5:1	
	0.026	37	0.95	684	190	0.019	76	5.5	9:1	
	0.026	37	0.95	684	190	0.019	79	6	8.66:1	
	0.026	37	0.95	684	190	0.019	82	6.5	8.34:1	
	0.026	37	0.95	684	190	0.019	86	7	7.95:1	Start Here
	0.026	37	0.95	684	190	0.019	88	7.5	7.77:1	
	0.026	37	0.95	684	190	0.019	91	8	7.52:1	
	0.029	46	1.22	878.4	244	0.022	101	5	8.7:1	
	0.029	46	1.22	878.4	244	0.022	107	5.5	8.21:1	
	0.029	46	1.22	878.4	244	0.022	112	6	7.84:1	Start Here

	0.029	46	1.22	878.4	244	0.022	117	6.5	7.51:1	
	0.029	46	1.22	878.4	244	0.022	121	7	7.26:1	
	0.029	46	1.22	878.4	244	0.022	125	7.5	7.03:1	
	0.029	46	1.22	878.4	244	0.022	129	8	6.81:1	
	0.034	52	1.53	1101.6	306	0.026	119	5	9.26:1	
	0.034	52	1.53	1101.6	306	0.026	125	5.5	8.81:1	
	0.034	52	1.53	1101.6	306	0.026	131	6	8.41:1	
	0.034	52	1.53	1101.6	306	0.026	136	6.5	8.1:1	Start Here
	0.034	52	1.53	1101.6	306	0.026	143	7	7.7:1	
	0.034	52	1.53	1101.6	306	0.026	147	7.5	7.49:1	
	0.034	52	1.53	1101.6	306	0.026	152	8	7.25:1	
	0.035	61	1.79	1288.8	358	0.027	141	5	9.14:1	
	0.035	61	1.79	1288.8	358	0.027	149	5.5	8.65:1	
	0.035	61	1.79	1288.8	358	0.027	155	6	8.31:1	
	0.035	61	1.79	1288.8	358	0.027	161	6.5	8:1	Start Here
	0.035	61	1.79	1288.8	358	0.027	169	7	7.63:1	
	0.035	61	1.79	1288.8	358	0.027	174	7.5	7.41:1	
	0.035	61	1.79	1288.8	358	0.027	180	8	7.16:1	
	0.039	64	2.11	1519.2	422	0.030	170	5	8.94:1	
	0.039	64	2.11	1519.2	422	0.030	178	5.5	8.53:1	
	0.039	64	2.11	1519.2	422	0.030	185	6	8.21:1	Start Here
	0.039	64	2.11	1519.2	422	0.030	195	6.5	7.79:1	
	0.039	64	2.11	1519.2	422	0.030	201	7	7.56:1	
	0.039	64	2.11	1519.2	422	0.030	210	7.5	7.23:1	
	0.039	64	2.11	1519.2	422	0.030	216	8	7.03:1	
	0.040	69	2.24	1612.8	448	0.030	170	5	9.49:1	
	0.040	69	2.24	1612.8	448	0.030	178	5.5	9.06:1	

	0.040	69	2.24	1612.8	448	0.030	185	6	8.72:1	
	0.040	69	2.24	1612.8	448	0.030	195	6.5	8.27:1	
	0.040	69	2.24	1612.8	448	0.030	201	7	8.02:1	Start Here
	0.040	69	2.24	1612.8	448	0.030	210	7.5	7.68:1	
	0.040	69	2.24	1612.8	448	0.030	216	8	7.47:1	
	0.043	78	2.48	1785.6	496	0.034	192	5	9.3:1	
	0.043	78	2.48	1785.6	496	0.034	200	5.5	8.93:1	
	0.043	78	2.48	1785.6	496	0.034	209	6	8.54:1	
	0.043	78	2.48	1785.6	496	0.034	219	6.5	8.15:1	Start Here
	0.043	78	2.48	1785.6	496	0.034	228	7	7.83:1	
	0.043	78	2.48	1785.6	496	0.034	236	7.5	7.57:1	
	0.043	78	2.48	1785.6	496	0.034	243	8	7.35:1	
	0.046	86	2.79	2008.8	558	0.036	211	5	9.52:1	
	0.046	86	2.79	2008.8	558	0.036	222	5.5	9.05:1	
	0.046	86	2.79	2008.8	558	0.036	232	6	8.66:1	
	0.046	86	2.79	2008.8	558	0.036	243	6.5	8.27:1	
	0.046	86	2.79	2008.8	558	0.036	252	7	7.97:1	Start Here
	0.046	86	2.79	2008.8	558	0.036	261	7.5	7.7:1	
	0.046	86	2.79	2008.8	558	0.036	270	8	7.44:1	
	0.048	90	3.01	2167.2	602	0.038	225	5	9.63:1	
	0.048	90	3.01	2167.2	602	0.038	236	5.5	9.18:1	
	0.048	90	3.01	2167.2	602	0.038	247	6	8.77:1	
	0.048	90	3.01	2167.2	602	0.038	258	6.5	8.4:1	
	0.048	90	3.01	2167.2	602	0.038	267	7	8.12:1	Start Here
	0.048	90	3.01	2167.2	602	0.038	277	7.5	7.82:1	
	0.048	90	3.01	2167.2	602	0.038	288	8	7.53:1	
	0.050	96	3.23	2325.6	646	0.040	245	5	9.49:1	

	0.066	130	4.25	3060	850	0.066	316	5	9.68:1	
	0.066	130	4.25	3060	850	0.066	330	5.5	9.27:1	
	0.066	130	4.25	3060	850	0.066	348	6	8.79:1	
	0.066	130	4.25	3060	850	0.066	362	6.5	8.45:1	
	0.066	130	4.25	3060	850	0.066	376	7	8.14:1	Start Here
	0.066	130	4.25	3060	850	0.066	393	7.5	7.79:1	
	0.066	130	4.25	3060	850	0.066	404	8	7.57:1	
	0.070	134	4.45	3204	890	0.070	321	5	9.98:1	
	0.070	134	4.45	3204	890	0.070	338	5.5	9.48:1	
	0.070	134	4.45	3204	890	0.070	357	6	8.97:1	
	0.070	134	4.45	3204	890	0.070	372	6.5	8.61:1	
	0.070	134	4.45	3204	890	0.070	390	7	8.22:1	
	0.070	134	4.45	3204	890	0.070	405	7.5	7.91:1	Start Here
	0.070	134	4.45	3204	890	0.070	415	8	7.72:1	
	0.086	147	4.79	3448.8	958	0.086	381	6.5	9.05:1	
	0.086	147	4.79	3448.8	958	0.086	399	7	8.64:1	
	0.086	147	4.79	3448.8	958	0.086	411	7.5	8.39:1	
	0.086	147	4.79	3448.8	958	0.086	425	8	8.11:1	
	0.086	147	4.79	3448.8	958	0.086	436	8.5	7.91:1	Start Here
	0.086	147	4.79	3448.8	958	0.086	451	9	7.65:1	
	0.086	147	4.79	3448.8	958	0.086	468	9.5	7.37:1	
	0.150	157	5.16	3715.2	1032	0.150	415	8	8.95:1	Free Flow
	0.150	157	5.16	3715.2	1032	0.150	428	8.5	8.68:1	
	0.150	157	5.16	3715.2	1032	0.150	442	9	8.41:1	
	0.150	157	5.16	3715.2	1032	0.150	455	9.5	8.17:1	Start Here
	0.150	157	5.16	3715.2	1032	0.150	469	10	7.92:1	
	0.150	157	5.16	3715.2	1032	0.150	482	10.5	7.71:1	
	0.150	157	5.16	3715.2	1032	0.150	495	11	7.51:1	