

Nitrous to Fuel Flow Chart



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Customer Name	Nitrous Outlet
System Type	Kraken
Bottle Configuration	Single 15 lb
N2O Pressure	950 psi
Solenoids	.178 Nitrous w/ fitting moved up, .310 Fuel
Nozzles/ Dist.	Kraken
Feed Line Size/Length	5' 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
	0.018	29	0.47	338.4	94	0.014	38	5	8.91:1	
	0.018	29	0.47	338.4	94	0.014	40	5.5	8.46:1	
	0.018	29	0.47	338.4	94	0.014	42	6	8.06:1	Start Here
	0.018	29	0.47	338.4	94	0.014	44	6.5	7.69:1	
	0.018	29	0.47	338.4	94	0.014	45	7	7.52:1	
	0.018	29	0.47	338.4	94	0.014	47	7.5	7.2:1	
	0.018	29	0.47	338.4	94	0.014	49	8	6.91:1	
	0.020	27	0.78	561.6	156	0.017	57	5	9.85:1	
	0.020	27	0.78	561.6	156	0.017	59	5.5	9.52:1	
	0.020	27	0.78	561.6	156	0.017	61	6	9.21:1	
	0.020	27	0.78	561.6	156	0.017	67	6.5	8.38:1	
	0.020	27	0.78	561.6	156	0.017	69	7	8.14:1	Start Here
	0.020	27	0.78	561.6	156	0.017	71	7.5	7.91:1	
	0.020	27	0.78	561.6	156	0.017	74	8	7.59:1	
	0.026	33	0.96	691.2	192	0.019	72	5	9.6:1	
	0.026	33	0.96	691.2	192	0.019	76	5.5	9.09:1	
	0.026	33	0.96	691.2	192	0.019	79	6	8.75:1	

	0.026	33	0.96	691.2	192	0.019	82	6.5	8.43:1	
	0.026	33	0.96	691.2	192	0.019	86	7	8.04:1	Start Here
	0.026	33	0.96	691.2	192	0.019	88	7.5	7.85:1	
	0.026	33	0.96	691.2	192	0.019	91	8	7.6:1	
	0.029	43	1.33	957.6	266	0.022	101	5	9.48:1	
	0.029	43	1.33	957.6	266	0.022	107	5.5	8.95:1	
	0.029	43	1.33	957.6	266	0.022	112	6	8.55:1	
	0.029	43	1.33	957.6	266	0.022	117	6.5	8.18:1	Start Here
	0.029	43	1.33	957.6	266	0.022	121	7	7.91:1	
	0.029	43	1.33	957.6	266	0.022	125	7.5	7.66:1	
	0.029	43	1.33	957.6	266	0.022	129	8	7.42:1	
	0.032	40	1.49	1072.8	298	0.024	111	5	9.66:1	
	0.032	40	1.49	1072.8	298	0.024	117	5.5	9.17:1	
	0.032	40	1.49	1072.8	298	0.024	123	6	8.72:1	
	0.032	40	1.49	1072.8	298	0.024	128	6.5	8.38:1	
	0.032	40	1.49	1072.8	298	0.024	133	7	8.07:1	Start Here
	0.032	40	1.49	1072.8	298	0.024	137	7.5	7.83:1	
	0.032	40	1.49	1072.8	298	0.024	142	8	7.55:1	
	0.035	57	1.78	1281.6	356	0.027	141	5	9.09:1	
	0.035	57	1.78	1281.6	356	0.027	149	5.5	8.6:1	
	0.035	57	1.78	1281.6	356	0.027	155	6	8.27:1	
	0.035	57	1.78	1281.6	356	0.027	161	6.5	7.96:1	Start Here
	0.035	57	1.78	1281.6	356	0.027	169	7	7.58:1	
	0.035	57	1.78	1281.6	356	0.027	174	7.5	7.37:1	
	0.035	57	1.78	1281.6	356	0.027	180	8	7.12:1	
	0.038	59	1.97	1418.4	394	0.028	145	5	9.78:1	
	0.038	59	1.97	1418.4	394	0.028	152	5.5	9.33:1	

	0.038	59	1.97	1418.4	394	0.028	160	6	8.86:1	
	0.038	59	1.97	1418.4	394	0.028	166	6.5	8.54:1	
	0.038	59	1.97	1418.4	394	0.028	173	7	8.2:1	
	0.038	59	1.97	1418.4	394	0.028	178	7.5	7.97:1	Start Here
	0.038	59	1.97	1418.4	394	0.028	184	8	7.71:1	
	0.041	70	2.26	1627.2	452	0.030	170	5	9.57:1	
	0.041	70	2.26	1627.2	452	0.030	178	5.5	9.14:1	
	0.041	70	2.26	1627.2	452	0.030	185	6	8.8:1	
	0.041	70	2.26	1627.2	452	0.030	195	6.5	8.34:1	
	0.041	70	2.26	1627.2	452	0.030	201	7	8.1:1	Start Here
	0.041	70	2.26	1627.2	452	0.030	210	7.5	7.75:1	
	0.041	70	2.26	1627.2	452	0.030	216	8	7.53:1	
	0.044	85	2.55	1836	510	0.034	192	5	9.56:1	
	0.044	85	2.55	1836	510	0.034	200	5.5	9.18:1	
	0.044	85	2.55	1836	510	0.034	209	6	8.78:1	
	0.044	85	2.55	1836	510	0.034	219	6.5	8.38:1	
	0.044	85	2.55	1836	510	0.034	228	7	8.05:1	Start Here
	0.044	85	2.55	1836	510	0.034	236	7.5	7.78:1	
	0.044	85	2.55	1836	510	0.034	243	8	7.56:1	
	0.046	86	2.71	1951.2	542	0.036	211	5	9.25:1	
	0.046	86	2.71	1951.2	542	0.036	222	5.5	8.79:1	
	0.046	86	2.71	1951.2	542	0.036	232	6	8.41:1	
	0.046	86	2.71	1951.2	542	0.036	243	6.5	8.03:1	
	0.046	86	2.71	1951.2	542	0.036	252	7	7.74:1	
	0.046	86	2.71	1951.2	542	0.036	261	7.5	7.48:1	
	0.046	86	2.71	1951.2	542	0.036	270	8	7.23:1	
	0.050	84	2.96	2131.2	592	0.038	225	5	9.47:1	

	0.064	125	3.96	2851.2	792	0.050	298	5	9.57:1	
	0.064	125	3.96	2851.2	792	0.050	314	5.5	9.08:1	
	0.064	125	3.96	2851.2	792	0.050	328	6	8.69:1	
	0.064	125	3.96	2851.2	792	0.050	342	6.5	8.34:1	
	0.064	125	3.96	2851.2	792	0.050	355	7	8.03:1	Start Here
	0.064	125	3.96	2851.2	792	0.050	370	7.5	7.71:1	
	0.064	125	3.96	2851.2	792	0.050	380	8	7.5:1	
	0.150	125	4.05	2916	810	0.066	316	5	9.23:1	Note: Free Flow
	0.150	125	4.05	2916	810	0.066	330	5.5	8.84:1	
	0.150	125	4.05	2916	810	0.066	348	6	8.38:1	
	0.150	125	4.05	2916	810	0.066	362	6.5	8.06:1	Start Here
	0.150	125	4.05	2916	810	0.066	376	7	7.76:1	
	0.150	125	4.05	2916	810	0.066	393	7.5	7.42:1	
	0.150	125	4.05	2916	810	0.066	404	8	7.22:1	