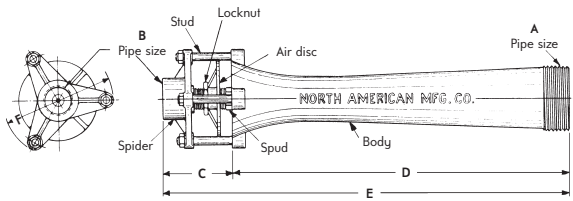


SERIES 3088



Inspirator designation	dimensions in inches						wt. in lb
	A	B	C	D	E	F	
3088-1	1	3/8	2 1/2	7	9 1/2	3 1/16	2 1/4
3088-2	1 1/4	1/2	2 1/2	8 7/16	10 15/16	3 1/16	3
3088-3	1 1/2	1/2	2 9/16	10	12 9/16	3 7/8	5 1/2
3088-4	2	1/2	2 3/4	12	14 3/4	4 5/8	8
3088-5	2 1/2	3/4	2 3/4	14 13/16	17 9/16	4 7/8	11
3088-6	3	3/4	3 5/16	18 3/8	22 1/16	5 7/16	14 1/2
3088-7	4	1	3 9/16	21 7/16	25	6 5/16	23
3088-8	6	1	4 1/4	30	34 1/4	8 3/8	50
3088-9	8	1 1/2	6 3/16	36	42 3/16	11 1/4	94

DIMENSIONS SHOWN ARE SUBJECT TO CHANGE. PLEASE OBTAIN CERTIFIED PRINTS FROM FIVES NORTH AMERICAN COMBUSTION, INC. IF SPACE LIMITATIONS OR OTHER CONSIDERATIONS MAKE EXACT DIMENSION(S) CRITICAL.

Part Name	3088-1	3088-2	3088-3	3088-4	3088-5	3088-6	3088-7	3088-8	3088-9
Air Disc	4-2192-1	4-2192-1	4-0284-2	4-0284-3	4-0284-4	4-0284-5	4-0284-6	4-0284-7	4-0284-8
Body	4-0144-1	4-6838-1	4-6839-1	4-6837-1	4-1516-1	4-1512-1	4-1518-1	4-1509-2	4-1728-2
Locknut	4-0285-1	4-0285-1	4-0285-1	4-0285-1	4-0285-2	4-0285-2	4-0285-3	4-0285-3	4-0285-4
Spider	4-1425-3	4-1425-2	4-0080-1	4-0049-1	4-1522-1	4-1523-1	4-0128-1	4-1524-1	4-0165-1
Blank Spud	4-1384-1	4-1384-1	4-1384-1	4-1384-1	4-1384-2	4-1384-2	4-1384-3	4-1384-3	4-1384-4
Stud	4-0287-6	4-0287-6	4-0287-6	4-0287-2	4-0287-2	4-0287-3	4-0287-3	4-0287-4	4-0287-5

Capacities of North American Series 3080 and 3088 Inspirators
for gas of 550 Btu/ft³, 0.4 sp gr, requiring 4.6 ft³ air/ft³ gas

Mixer size	Spud drill	Mixture pressure "w.c.					cfh of gas					Thousands of Btu/h HHV				
		Gas pressure at Inspirator in psi														
		2	4	6	8	10	2	4	6	8	10	2	4	6	8	10
1-3/64	3/64	0.28	0.56	0.84	1.12	1.40	35	50	61	70	79	18.6	26.5	32.3	37.2	41.8
1-5/4	No. 54	0.29	0.58	0.87	1.16	1.45	46	65	80	92	103	24.4	34.4	42.4	48.8	54.6
2-5/3	No. 53	0.29	0.58	0.87	1.16	1.45	58	82	101	116	130	30.9	43.4	53.5	61.8	68.8
2-5/1	No. 51	0.30	0.60	0.90	1.20	1.50	69	98	120	138	155	36.8	51.9	63.7	73.6	82.2
2-4/8	No. 48	0.30	0.60	0.90	1.20	1.50	85	120	147	170	190	45.1	63.7	77.9	90.2	101
2-4/6	No. 46	0.31	0.62	0.93	1.24	1.55	94	133	163	188	210	49.8	70.5	86.4	99.6	113
3-4/4	No. 44	0.32	0.64	0.96	1.28	1.60	110	155	190	220	245	58.0	82.2	101	116	130
3-4/0	No. 40	0.32	0.64	0.96	1.28	1.60	135	190	234	270	302	71.0	101	123	142	159
4-7/64	7/64	0.33	0.66	0.99	1.32	1.65	170	241	295	340	380	90.0	128	156	180	201
4-1/8	1/8	0.38	0.76	1.14	1.52	1.90	233	329	404	466	520	123	174	213	246	275
4-2/9	No. 29	0.39	0.78	1.17	1.56	1.95	257	364	445	515	575	136	193	236	272	305
5-2/7	No. 27	0.42	0.84	1.26	1.68	2.10	309	437	535	620	690	164	232	283	328	366
5-2/2	No. 22	0.44	0.88	1.32	1.76	2.20	369	522	639	740	825	195	277	339	390	437
6-1/9	No. 19	0.47	0.94	1.41	1.88	2.35	407	575	705	815	910	216	305	374	432	482
6-3/16	3/16	0.50	1.00	1.50	2.00	2.50	515	728	890	1030	1150	273	386	472	546	610
6-1/0	No. 10	0.51	1.02	1.53	2.04	2.55	550	778	952	1100	1230	292	412	505	584	652
7-5	No. 5	0.52	1.04	1.56	2.08	2.60	640	905	1108	1280	1430	339	480	587	678	758
7-1	No. 1	0.53	1.06	1.59	2.12	2.65	828	1170	1433	1660	1850	438	620	760	876	980
7-F	F	0.55	1.10	1.65	2.20	2.75	985	1390	1710	1970	2200	522	738	903	1044	1167
8-Q	Q	0.70	1.40	2.10	2.80	3.50	1265	1790	2190	2530	2830	670	948	1162	1340	1500
8-U	U	0.73	1.46	2.19	2.92	3.65	1557	2200	2690	3120	3480	825	1167	1430	1650	1842
8-13/32	13/32	0.75	1.50	2.25	3.00	3.75	1895	2680	3290	3790	4240	1005	1420	1740	2010	2250
8-15/32	15/32	0.78	1.56	2.34	3.12	3.90	2525	3570	4370	5050	5650	1340	1892	2320	2680	2990
9-21/32	21/32	0.84	1.68	2.52	3.36	4.20	4970	7030	8600	9950	11100	2640	3740	4570	5280	5890