

# DEMA C Series Injector and Tip Chart

	Model #	Pipe Size NPT	Nozzle Bushing	Pump Discharge Pressure PSI (Inlet)										
				15	30	45	60	75	90	120	150	230	300	390
GPM  (Gallons Per Minute needed for injector to draw product)	200-3C/T	1/8"	02	.10 - .12	.13 - .16	.15 - .19	.17 - .21	.19 - .22	.21 - .26	.24 - .30	.26 - .33	.31 - .37	.37 - .44	.41 - .49
			03	.12 - .16	.16 - .21	.19 - .24	.21 - .28	.22 - .27	.26 - .33	.30 - .38	.33 - .42	.37 - .45	.44 - .53	.49 - .59
			04	.16 - .20	.21 - .26	.24 - .30	.28 - .34	.27 - .39	.33 - .41	.38 - .47	.42 - .52	.45 - .65	.53 - .76	.59 - .85
	200C/T	1/8"	1	.20 - .25	.26 - .32	.30 - .38	.34 - .43	.39 - .46	.41 - .52	.47 - .59	.52 - .66	.65 - .77	.76 - .91	.85 - 1.0
			2	.25 - .32	.32 - .41	.38 - .48	.43 - .55	.46 - .56	.52 - .66	.59 - .76	.66 - .84	.77 - .92	.91 - 1.1	1.0 - 1.2
			3	.32 - .39	.41 - .51	.48 - .60	.55 - .68	.56 - .76	.66 - .82	.76 - .95	.84 - 1.0	.92 - 1.3	1.1 - 1.5	1.2 - 1.7
	201C/T	1/8"	4	.39 - .49	.51 - .64	.60 - .76	.68 - .86	.76 - .96	.82 - 1.0	.95 - 1.2	1.0 - 1.3	1.3 - 1.6	1.5 - 1.9	1.7 - 2.1
			5	.49 - .63	.64 - .82	.76 - .97	.86 - 1.1	.96 - 1.2	1.0 - 1.3	1.2 - 1.5	1.3 - 1.7	1.6 - 1.9	1.9 - 2.3	2.1 - 2.5
			6	.63 - .79	.82 - 1.0	.97 - 1.2	1.1 - 1.4	1.2 - 1.5	1.3 - 1.6	1.5 - 1.9	1.7 - 2.1	1.9 - 2.5	2.3 - 2.9	2.5 - 3.3
	202C/T	1/4"	7	.79 - .98	1.0 - 1.3	1.2 - 1.5	1.4 - 1.7	1.5 - 1.9	1.6 - 2.1	1.9 - 2.4	2.1 - 2.6	2.5 - 3.2	2.9 - 3.8	3.3 - 4.2
			8	.98 - 1.3	1.3 - 1.6	1.5 - 1.9	1.7 - 2.2	1.9 - 2.3	2.1 - 2.6	2.4 - 3.0	2.6 - 3.4	3.2 - 3.7	3.8 - 4.5	4.2 - 5.0
			9	1.3 - 1.6	1.6 - 2.0	1.9 - 2.4	2.2 - 2.7	2.3 - 3.0	2.6 - 3.3	3.0 - 3.8	3.4 - 4.2	3.7 - 5.0	4.5 - 6.0	5.0 - 6.7
	203C/T	3/8"	10	1.6 - 2.0	2.0 - 2.6	2.4 - 3.0	2.7 - 3.4	3.0 - 3.6	3.3 - 4.1	3.8 - 4.7	4.2 - 5.2	5.0 - 6.0	6.0 - 7.1	6.7 - 7.9
			11	2.0 - 2.5	2.6 - 3.3	3.0 - 3.9	3.4 - 4.4	3.6 - 4.8	4.1 - 5.3	4.7 - 6.0	5.2 - 6.7	6.0 - 8.0	7.1 - 9.1	7.9 - 10
			12	2.5 - 3.2	3.3 - 4.1	3.9 - 4.8	4.4 - 5.5	4.8 - 6.1	5.3 - 6.6	6.0 - 7.6	6.7 - 8.3	8.0 - 10	9.1 - 12	10 - 13
	204C/T	1/2"	13	3.2 - 3.9	4.1 - 5.1	4.8 - 6.0	5.5 - 7.6	6.1 - 8.2	6.6 - 8.3	7.6 - 9.4	8.3 - 10	10 - 14	12 - 15	13 - 17
			14	3.9 - 5.1	5.1 - 6.6	6.0 - 7.7	7.6 - 8.8	8.2 - 9.6	8.3 - 11	9.4 - 12	10 - 14	14 - 16	15 - 18	17 - 20
			15	5.1 - 6.3	6.6 - 8.2	7.7 - 9.7	8.8 - 11	9.6 - 13	11 - 13	12 - 15	14 - 17	16 - 21	18 - 24	20 - 27
	206C/T	3/4"	16	6.3 - 7.9	8.2 - 10	9.7 - 12	11 - 14	13 - 16	13 - 17	15 - 19	17 - 21	21 - 26	24 - 30	27 - 34
			17	7.9 - 10	10 - 13	12 - 15	14 - 18	16 - 19	17 - 21	19 - 24	21 - 27	26 - 31	30 - 36	34 - 40
			18	10 - 13	13 - 16	15 - 19	18 - 22	19 - 24	21 - 26	24 - 30	27 - 33	31 - 40	36 - 47	40 - 52
208C/T	1"	19	13 - 16	16 - 20	19 - 24	22 - 27	24 - 30	26 - 33	30 - 38	33 - 42	40 - 50	47 - 59	52 - 65	
		20	16 - 20	20 - 26	24 - 31	27 - 35	30 - 37	33 - 42	38 - 48	42 - 54	50 - 56	59 - 66	65 - 74	
		21	20 - 25	26 - 33	31 - 39	35 - 44	37 - 48	42 - 53	48 - 61	54 - 67	56 - 80	66 - 94	74 - 99	
Outlet Pressure				10	20	30	40	50	60	80	100	150	200	250

	Model #	Pipe Size NPT	Nozzle Bushing	Pump Discharge Pressure PSI (Inlet)										
				460	540	620	700*	770*	930*	1100*	1230*	1540*	2000*	3000*
GPM  (Gallons Per Minute needed for injector to draw product)	200-3C/T	1/8"	02	.44 - .53	.48 - .57	.51 - .61	.54 - .65	.57 - .68	.62 - .75	.67 - .81	.72 - .86	.80 - .95	.90 - 1.1	1.1 - 1.3
			03	.53 - .64	.57 - .69	.61	.65 - .78	.68 - .82	.75 - .89	.81 - .97	.86 - 1.0	.95 - 1.1	1.1 - 1.3	1.3 - 1.6
			04	.64 - .92	.69 - 1.0	.74 - 1.1	.78 - 1.1	.82 - 1.2	.89 - 1.3	.97 - 1.4	1.0 - 1.5	1.1 - 1.7	1.3 - 1.9	1.6 - 2.3
	200C/T	1/8"	1	.92 - 1.1	1.0 - 1.2	1.1 - 1.2	1.1 - 1.3	1.2 - 1.4	1.3 - 1.5	1.4 - 1.7	1.5 - 1.8	1.7 - 2.0	1.9 - 2.3	2.3 - 2.8
			2	1.1 - 1.3	1.2 - 1.4	1.2 - 1.5	1.3 - 1.6	1.4 - 1.7	1.5 - 1.8	1.7 - 2.0	1.8 - 2.1	2.0 - 2.4	2.3 - 2.7	2.8 - 3.3
			3	1.3 - 1.8	1.4 - 2.0	1.5 - 2.1	1.6 - 2.2	1.7 - 2.3	1.8 - 2.5	2.0 - 2.7	2.1 - 2.9	2.4 - 3.2	2.7 - 3.7	3.3 - 4.5
	201C/T	1/8"	4	1.8 - 2.3	2.0 - 2.5	2.1 - 2.7	2.2 - 2.8	2.3 - 3.0	2.5 - 3.2	2.7 - 3.5	2.9 - 3.7	3.2 - 4.1	3.7 - 4.7	4.5 - 5.8
			5	2.3 - 2.7	2.5 - 3.0	2.7 - 3.2	2.8 - 3.4	3.0 - 3.5	3.2 - 3.8	3.5 - 4.2	3.7 - 4.4	4.1 - 4.9	4.7 - 5.6	5.8 - 6.9
			6	2.7 - 3.6	3.0 - 3.8	3.2 - 4.1	3.4 - 4.3	3.5 - 4.6	3.8 - 5.0	4.2 - 5.4	4.4 - 5.8	4.9 - 6.4	5.6 - 7.3	6.9 - 8.9
	202C/T	1/4"	7	3.6 - 4.6	3.8 - 4.9	4.1 - 5.3	4.3 - 5.6	4.6 - 5.9	5.0 - 6.4	5.4 - 6.9	5.8 - 7.4	6.4 - 8.2	7.3 - 9.4	8.9 - 11
			8	4.6 - 5.4	4.9 - 5.8	5.3 - 6.2	5.6 - 6.6	5.9 - 6.9	6.4 - 7.6	6.9 - 8.2	7.4 - 8.7	8.2 - 9.7	9.4 - 11	11 - 13
			9	5.4 - 7.3	5.8 - 7.9	6.2 - 8.4	6.6 - 8.9	6.9 - 9.3	7.6 - 10	8.2 - 11	8.7 - 12	9.7 - 13	11 - 15	13 - 18
	203C/T	3/8"	10	7.3 - 8.6	7.9 - 9.2	8.4 - 9.9	8.9 - 10	9.3 - 11	10 - 12	11 - 13	12 - 14	13 - 15	15 - 18	18 - 21
			11	8.6 - 11	9.2 - 12	9.9 - 13	10 - 13	11 - 14	12 - 15	13 - 17	14 - 18	15 - 20	18 - 23	21 - 28
			12	11 - 15	12 - 16	13 - 17	13 - 18	14 - 19	15 - 20	17 - 22	18 - 24	20 - 26	23 - 30	28 - 36
	204C/T	1/2"	13	15 - 19	16 - 20	17 - 21	18 - 23	19 - 24	20 - 26	22 - 28	24 - 30	26 - 33	30 - 40	36 - 49
			14	19 - 22	20 - 24	21 - 26	23 - 27	24 - 28	26 - 31	28 - 34	30 - 36	33 - 40	40 - 47	49 - 58
			15	22 - 30	24 - 32	26 - 34	27 - 36	28 - 38	31 - 41	34 - 45	36 - 48	40 - 53	47 - 62	58 - 75
	206C/T	3/4"	16	30 - 37	32 - 40	34 - 42	36 - 45	38 - 47	41 - 52	45 - 56	48 - 60	53 - 66	62 - 76	75 - 93
			17	37 - 43	40 - 47	42 - 49	45 - 53	47 - 56	52 - 61	56 - 66	60 - 70	66 - 78	76 - 91	93 - 99
			18	43 - 57	47 - 61	49 - 65	53 - 69	56 - 73	61 - 80	63 - 86	70 - 92	78 - 99	91 - 99	
208C/T	1"	19	57 - 71	61 - 77	65 - 82	69 - 87	73 - 91	80 - 99	86 - 99	92 - 99				
		20	71 - 80	77 - 86	82 - 92	87 - 98	91 - 99							
		21	80 - 99	86 - 99	92 - 99									
Outlet Pressure				300	350	400	450	500	600	700	800	1000	1300	1950

\* - For pressures above 700 PSI specify model with suffix (S) for Stainless Steel Metering Knob ( 203S)  
Maximum fluid temperature must be below 160°F/77°C

# DEMA C Series Injector and Tip Chart

Tip Color	200-3CT		200CT		201CT		202CT		203CT		204CT	
	Oz/Gal	Ratio	Oz/Gal	Ratio	Oz/Gal	Ratio	Oz/Gal	Ratio	Oz/Gal	Ratio	Oz/Gal	Ratio
Tan	4	31.5	4	31	2	46.8	1	125	0.4	320	0.3	386
Orange	9	14	5	28.6	3	43.3	1.2	107	0.5	256	0.4	337
Turquoise	15	10.3	6	21.2	4	30.4	1.5	87	0.8	171	0.5	301
Pink	21	6.2	9	14.5	6	22.8	2.4	53	1	135	0.7	188
Lt Blue	24	5.3	10	13.4	7	18	2.8	45	1.3	98	0.8	156
Brown	29	4.4	13	10	8	15.6	3.1	41	1.5	85	1	129
Red	33	3.9	17	7.7	9	14	4.2	30	1.9	67	1.5	86
White	35	3.6	18	7.1	10	12.4	4.7	27	2.3	57	1.8	70
Green	41	3.1	22	5.8	13	10	5.8	22	2.6	49	2.3	55
Blue	45	2.9	25	5.2	15	8.3	6.5	20	3.2	40	2.9	44
Yellow	50	2.6	27	4.7	18	7	9.4	14	4.9	26	3.7	35
Black	53	2.4	31	4.1	25	5.2	13	10	6.5	20	4.9	26
Purple	56	2.3	33	3.9	33	3.9	18.4	7	9.2	14	6	21
Gray	58	2.2	35	3.6	34	3.7	23.8	5	10.4	12	6.6	19
No Tip	61	2.1	36	3.5	37	3.4	29.1	4	12.8	10	8.1	16
	#03 nozzle .15 GPM		#2 nozzle .31 GPM		#5 nozzle .68 GPM		#8 nozzle 1.33 GPM		#11 nozzle 2.8 GPM		#14 nozzle 4.72 GPM	

Tip Color*	206CT		208CT	
	Oz/Gal	Ratio	Oz/Gal	Ratio
Clear	0.25	506	0.05	2443
Purple	0.28	459	0.09	1360
Yellow	0.34	377	0.11	1122
Green	0.73	176	0.2	649
Pink	0.96	134	2.5	518
Turquoise	1.55	83	0.41	311
Black	1.68	76	0.48	261
Gray	2.2	58	0.57	223
Red	2.92	44	0.73	174
Blue	3.48	37	0.88	146
Brown	4.41	29	1.08	118
White	7.2	19	1.28	100
Orange	6.9	18	2.3	56
No Tip	12.11	11	2.73	47
	#03 nozzle .15 GPM		#03 nozzle .15 GPM	

\* - 3/8" Metering Tips

Note: All data taken at 40 PSI with 1 CPS chemical (water thin)