

**Performance Data • NC Level Application Guide**

**3000Q Series • Quiet • Dissipative Silencer**

**Fiberglass Acoustic Media (FAM)**

Inlet Size	Airflow cfm l/s		Min. inlet ΔPs "w.g. Pa		NC Levels @ Inlet Pressure (ΔPs) shown											
					DISCHARGE					RADIATED						
					Min. ΔPs	0.5" w.g. (125 Pa)	1.0" w.g. (250 Pa)	1.5" w.g. (375 Pa)	2.0" w.g. (500 Pa)	3.0" w.g. (750 Pa)	Min. ΔPs	0.5" w.g. (125 Pa)	1.0" w.g. (250 Pa)	1.5" w.g. (375 Pa)	2.0" w.g. (500 Pa)	3.0" w.g. (750 Pa)
4	200	94	0.38	94	-	-	-	21	20	21	-	-	-	21	24	28
	150	71	0.23	57	-	-	-	-	-	-	-	-	-	21	22	22
	100	47	0.11	28	-	-	-	-	-	-	-	-	-	-	20	23
	50	24	0.04	11	-	-	-	-	-	-	-	-	-	-	-	-
5	350	165	0.17	41	-	-	20	24	24	28	-	-	-	23	25	30
	250	118	0.08	20	-	-	23	25	25	26	-	-	-	-	22	25
	150	71	0.03	7	-	-	-	-	-	-	-	-	-	-	-	20
	100	47	0.02	5	-	-	-	-	-	-	-	-	-	-	-	-
6	500	236	0.05	13	-	-	-	21	21	26	-	-	20	23	26	30
	400	189	0.04	10	-	-	-	20	20	23	-	-	-	21	25	29
	300	142	0.03	6	-	-	-	-	-	-	-	-	-	20	21	25
	200	94	0.01	3	-	-	-	-	-	-	-	-	-	-	-	20
7	700	330	0.03	7	-	-	23	26	29	31	22	-	21	26	30	35
	550	260	0.01	2	-	-	-	23	26	28	-	-	-	24	28	32
	400	189	0.01	2	-	-	-	23	23	24	-	-	-	20	23	26
	250	118	0.01	2	-	-	-	-	-	-	-	-	-	-	-	20
8	1100	519	0.02	4	-	20	25	28	33	36	-	20	25	29	31	35
	900	425	0.01	3	-	-	23	26	30	34	-	-	23	26	29	33
	700	330	0.01	2	-	-	23	25	30	33	-	-	21	24	26	31
	500	236	0.01	2	-	-	-	23	24	28	-	-	-	21	23	26
9	1400	661	0.01	2	-	21	25	28	33	36	20	20	23	28	34	38
	1150	543	0.01	2	-	-	20	26	29	31	-	-	21	25	31	35
	900	425	0.01	2	-	-	-	24	26	29	-	-	-	23	28	31
	650	307	0.01	2	-	-	-	23	23	25	-	-	-	20	23	26
10	1500	708	0.02	5	-	20	23	28	30	34	-	20	24	28	30	35
	1100	519	0.02	4	-	-	-	21	24	28	-	-	21	24	25	31
	700	330	0.01	2	-	-	-	-	-	21	-	-	-	21	23	28
	215	101	0.01	1	-	-	-	-	-	-	-	-	-	-	-	-
12	2500	1180	0.04	10	-	25	29	33	34	35	29	28	31	34	35	40
	2050	967	0.03	7	-	21	25	28	30	33	22	25	29	31	33	38
	1600	755	0.02	6	-	20	24	24	28	29	-	20	25	28	30	35
	1150	543	0.02	4	-	-	-	20	21	26	-	-	20	24	26	30
14	2650	1251	0.02	5	-	21	23	26	29	30	24	25	30	34	37	40
	2100	991	0.02	4	-	-	-	24	26	30	-	21	26	31	34	37
	1550	731	0.01	2	-	-	-	-	21	25	-	-	24	28	30	34
	1000	472	0.01	2	-	-	-	-	-	-	-	-	-	21	25	26
16	3725	1758	0.14	36	23	25	29	28	33	38	30	*	33	37	40	44
	2800	1321	0.12	30	-	-	-	24	24	28	23	24	29	34	36	40
	1800	849	0.05	12	-	-	-	-	-	21	-	-	24	29	31	35
	800	378	0.01	2	-	-	-	-	-	-	-	-	26	30	34	36
24 x 16	8330	3931	0.05	12	30	31	39	48	49	56	44	44	49	51	54	57
	7000	3303	0.04	10	27	29	36	43	46	49	43	43	48	50	53	56
	5350	2525	0.01	2	-	26	34	41	44	46	40	41	47	49	51	55
	3800	1793	0.01	2	-	-	24	28	29	32	32	38	44	46	48	51

**Performance Notes:**

1. NC Levels are calculated based on procedures as outlined on page A75.
2. Dash (-) in space indicates a NC less than 20.
3. Asterisk (\*) in space indicates that the minimum inlet static pressure requirement is greater than 0.5" w.g. (125 Pa) at rated airflow.