

Performance Data • NC Level Application Guide

30HQX Series • Hospital Grade • Dissipative Silencer

Terminal: Steri-Liner • Silencer: Mylar, Spacer, Steri-Liner (MSSL) Media

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	0.63	157	-	*	-	-	-	-	-	*	-	21	24	28
	150	71	0.37	92	-	-	-	-	-	-	-	-	-	21	22	22
	100	47	0.17	42	-	-	-	-	-	-	-	-	-	-	20	23
	75	35	0.10	25	-	-	-	-	-	-	-	-	-	-	-	-
	50	24	0.05	12	-	-	-	-	-	-	-	-	-	23	25	30
5	300	142	0.60	149	-	*	-	20	23	23	-	*	-	-	22	25
	250	118	0.40	99	-	-	-	-	-	-	-	-	-	-	-	20
	200	94	0.24	60	-	-	-	-	-	-	-	-	-	-	-	-
	125	59	0.10	25	-	-	-	-	-	-	-	-	20	23	26	30
	100	47	0.06	15	-	-	-	-	-	-	-	-	-	21	25	29
6	450	212	0.49	122	-	-	-	-	-	20	-	-	-	20	21	25
	400	189	0.39	97	-	-	-	-	-	-	-	-	-	-	-	20
	300	142	0.22	55	-	-	-	-	-	-	22	-	21	26	30	35
	200	94	0.10	25	-	-	-	-	-	-	-	-	-	24	28	32
	100	47	0.03	7	-	-	-	-	-	-	-	-	-	20	23	26
7	650	307	0.50	124	-	-	-	21	25	28	-	-	-	-	-	20
	550	260	0.36	89	-	-	-	21	23	25	-	20	25	29	31	35
	335	158	0.14	35	-	-	-	-	-	-	-	-	23	26	29	33
	225	106	0.06	15	-	-	-	-	-	-	-	-	21	24	26	31
	110	52	0.02	5	-	-	-	-	-	-	-	-	-	21	23	26
8	800	378	0.36	89	-	-	-	23	25	29	20	20	23	28	34	38
	700	330	0.28	70	-	-	-	21	24	25	-	-	21	25	31	35
	600	283	0.20	50	-	-	-	23	24	25	-	-	-	23	28	31
	400	189	0.09	22	-	-	-	-	-	-	-	-	-	20	23	26
	175	83	0.02	5	-	-	-	-	-	-	-	20	24	28	30	35
9	1050	495	0.43	107	-	-	-	23	25	29	-	-	21	24	25	31
	900	425	0.32	80	-	-	-	20	24	25	-	-	-	-	21	24
	675	319	0.18	45	-	-	-	-	21	21	-	-	-	-	-	-
	450	212	0.08	20	-	-	-	-	-	-	29	28	31	34	35	40
	225	106	0.02	5	-	-	-	-	-	-	22	25	29	31	33	38
10	1350	637	0.49	122	-	-	-	24	26	30	-	20	25	28	30	35
	1100	519	0.32	80	-	-	-	23	24	26	-	-	20	24	26	30
	825	389	0.18	45	-	-	-	-	-	21	24	25	30	34	37	40
	550	260	0.08	20	-	-	-	-	-	-	-	21	26	31	34	37
	275	130	0.02	5	-	-	-	-	-	-	-	-	24	28	30	34
12	2000	944	0.53	132	-	*	20	25	29	31	-	*	-	21	25	26
	1600	755	0.34	85	-	-	-	23	25	28	30	30	33	37	40	44
	1200	566	0.19	47	-	-	-	20	20	23	23	24	29	34	36	40
	800	378	0.08	20	-	-	-	-	-	-	-	-	24	29	31	35
	400	189	0.02	5	-	-	-	-	-	-	-	-	-	-	-	21
14	2700	1274	0.55	137	-	*	25	29	31	34	-	*	-	-	-	-
	2100	991	0.33	82	-	-	20	24	26	26	44	43	48	50	53	56
	1550	731	0.18	45	-	-	-	-	-	-	40	41	47	49	51	55
	1050	495	0.09	22	-	-	-	-	-	-	32	38	44	46	48	51
	525	248	0.02	5	-	-	-	-	-	-	31	37	43	45	47	50
16	3500	1652	0.50	124	-	-	24	29	30	34	24	35	39	43	45	47
	2800	1321	0.31	77	-	-	21	26	29	31	21	23	29	33	34	36
	2100	991	0.18	45	-	-	-	21	23	24	-	-	23	26	29	31
	1400	661	0.08	20	-	-	-	-	-	-	-	-	-	20	21	23
	700	330	0.02	5	-	-	-	-	-	-	-	-	-	-	-	-
24 x 16	5350	2525	0.49	122	21	21	24	28	30	33	40	40	36	38	40	43
	5000	2360	0.43	107	20	21	23	28	29	31	39	39	35	36	39	41
	4000	1888	0.27	67	-	-	21	26	28	29	30	30	31	34	35	36
	3000	1416	0.16	40	-	-	-	21	24	25	20	21	25	30	31	33
2000	944	0.07	17	-	-	-	-	-	21	-	-	21	24	26	29	

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.

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SINGLE DUCT TERMINAL UNITS