

**Performance Data • Sound Power Levels**  
**3400 Series • Bypass**  
**Fiberglass Liner**



Inlet Size	Airflow		Min. Discharge ΔPs		Min Bypass ΔPs		Sound Power Octave Bands																	
							Discharge							Radiated										
														Bypass Closed							Bypass Open			
							cfm	l/s	"w.g.	Pa	"w.g.	Pa	2	3	4	5	6	7	2	3	4	5	6	7
6	400	189	0.01	2	0.14	35	63	59	55	50	42	40	42	37	33	24	20	20	54	55	52	52	51	37
	300	142	0.01	2	0.08	20	58	52	48	43	34	31	-	34	25	-	-	-	47	48	45	47	37	26
	200	94	0.01	2	0.04	10	56	46	41	34	23	20	-	-	-	-	-	-	-	38	34	32	-	-
	100	47	0.01	2	0.01	2	55	43	27	-	-	-	-	-	-	-	-	-	-	34	29	-	-	-
8	700	330	0.01	2	0.21	52	61	58	52	48	38	32	47	41	34	28	26	20	60	59	55	53	48	41
	500	236	0.01	2	0.11	27	57	49	43	38	27	20	43	34	27	-	-	-	52	50	46	43	30	28
	350	165	0.01	2	0.05	12	56	44	34	28	-	-	-	32	-	-	-	-	47	40	37	32	25	-
	200	94	0.01	2	0.02	5	56	43	-	-	-	-	-	-	-	-	-	-	43	30	-	-	-	-
10	1100	519	0.01	2	0.43	107	63	57	50	48	43	42	52	49	46	37	32	23	65	64	62	60	56	52
	800	378	0.01	2	0.23	57	59	50	44	40	35	33	49	43	39	28	26	-	56	55	52	50	46	41
	500	236	0.01	2	0.09	22	55	43	33	23	-	-	43	35	29	-	-	-	47	45	43	41	34	-
	200	94	0.01	2	0.01	3	53	42	-	-	-	-	-	-	-	-	-	-	42	30	-	-	-	-
12	1600	755	0.01	2	0.50	124	64	58	53	49	44	36	48	51	47	37	35	29	69	69	66	63	60	56
	1200	566	0.01	2	0.28	70	58	52	44	41	34	24	43	41	38	29	25	-	61	60	58	56	52	46
	800	378	0.01	2	0.13	32	54	44	33	28	-	-	40	33	29	-	-	-	50	49	49	46	39	31
	400	189	0.01	2	0.03	7	51	40	-	-	-	-	-	-	25	-	-	-	44	40	41	35	28	-
14	2100	991	0.20	49	0.50	124	70	64	58	53	50	45	54	58	56	49	49	41	69	69	67	65	61	57
	1550	731	0.10	25	0.27	68	62	55	50	45	41	33	48	50	49	42	40	29	62	62	60	57	53	48
	1000	472	0.04	10	0.11	28	56	45	37	32	26	-	44	40	38	29	-	-	51	50	50	45	40	31
	450	212	0.01	2	0.02	5	53	42	-	-	-	-	-	31	26	-	-	-	-	37	36	29	-	-
16	2750	1298	0.12	29	0.50	124	69	64	60	56	52	45	64	63	59	49	46	37	73	73	71	69	65	61
	2050	967	0.06	16	0.28	70	64	57	51	47	42	33	57	54	50	41	36	25	65	65	63	61	56	50
	1350	637	0.03	8	0.12	30	57	48	40	35	27	-	45	41	38	27	-	-	54	53	53	50	44	34
	650	307	0.01	2	0.03	7	54	44	32	28	22	-	-	-	-	-	-	-	40	35	33	25	-	-

For performance table notes, see page E13; highlighted numbers indicate embedded AHRI certification points.

BYPASS TERMINAL UNITS