

PTBR Performance Data: Return
IP/METRIC DATA: PTBR, 1-SLOT, RETURN (NO DAMPER)

	Linear Length	IP Data		NC	Metric Data		Octave Band, dB						
		Air Flow	Ps		Air Flow	Ps							
		CFM	"WG		L/s	Pa	2	3	4	5	6	7	
3/4" Slot Width	2'	40	-0.018	-	19	-4.4	15	21	-	-	-	-	
		90	-0.089	15	42	-22.1	29	37	32	24	14	-	
		115	-0.145	23	54	-36.0	33	42	39	33	23	15	
		140	-0.214	30	66	-53.4	36	46	45	40	31	24	
		190	-0.395	40	90	-98.3	42	52	55	50	43	37	
	4'	80	-0.018	-	38	-4.4	18	24	-	-	-	-	
		170	-0.079	17	80	-19.7	31	39	33	25	15	-	
		215	-0.126	24	101	-31.5	35	44	40	33	24	15	
		260	-0.185	31	123	-46.0	38	48	46	40	31	23	
		350	-0.335	41	165	-83.4	43	53	55	50	43	36	
	5'	100	-0.018	-	47	-4.4	19	25	11	-	-	-	
		200	-0.070	16	94	-17.4	31	39	32	24	13	-	
		250	-0.109	23	118	-27.2	35	43	39	32	22	13	
		300	-0.157	29	142	-39.2	38	47	45	38	29	21	
		400	-0.280	39	189	-69.7	43	53	53	48	40	33	
1" Slot Width	2'	60	-0.022	-	28	-5.4	38	22	-	-	-	-	
		130	-0.102	21	61	-25.4	51	35	33	-	-	-	
		165	-0.165	26	78	-41.0	55	39	40	12	-	-	
		200	-0.242	30	94	-60.2	58	42	45	18	-	-	
		270	-0.441	39	127	-109.8	63	46	54	26	17	-	
	4'	120	-0.022	-	57	-5.4	41	25	13	-	-	-	
		240	-0.087	23	113	-21.7	52	36	33	-	-	-	
		300	-0.136	27	142	-33.9	56	40	40	13	-	-	
		360	-0.196	31	170	-48.8	59	43	45	18	-	-	
		480	-0.348	39	227	-86.7	64	48	54	26	16	-	
	5'	140	-0.019	-	66	-4.7	40	25	12	-	-	-	
		290	-0.081	17	137	-20.3	53	37	33	-	-	-	
		365	-0.129	24	172	-32.1	57	41	40	13	-	-	
		440	-0.187	30	208	-46.6	60	44	45	18	-	-	
		590	-0.337	39	278	-83.9	65	48	54	27	17	-	
1 1/2" Slot Width	2'	90	-0.022	-	42	-5.5	29	37	32	24	14	-	
		200	-0.108	18	94	-27.0	43	53	56	52	45	39	
		255	-0.176	26	120	-43.9	47	58	64	60	55	50	
		310	-0.260	32	146	-64.8	50	61	70	67	62	58	
		420	-0.478	41	198	-119.0	56	67	79	78	74	71	
	4'	180	-0.022	-	85	-5.5	32	40	35	27	17	-	
		360	-0.088	18	170	-21.9	44	54	56	51	44	38	
		450	-0.137	25	212	-34.1	48	58	63	59	53	47	
		540	-0.197	31	255	-49.2	51	62	69	65	60	55	
		720	-0.351	40	340	-87.4	56	67	77	75	71	68	
	5'	210	-0.019	-	99	-4.8	32	40	34	26	15	-	
		430	-0.080	17	203	-20.0	44	54	56	51	43	37	
		540	-0.126	25	255	-31.5	48	58	63	59	52	46	
		650	-0.183	31	307	-45.6	51	62	68	65	59	54	
		870	-0.328	40	411	-81.7	56	68	77	75	71	67	

NOTES: Airflow is given for the length of the unit. NC values are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re10⁻¹² Watts. Dash in space denotes a NC or dB value of less than 10. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741. See selection software for performance data not shown, including octave band data.

PTBR Performance Data: Return
IP/METRIC DATA: PTBR, 2-SLOT, RETURN (NO DAMPER)

	Linear Length	IP Data			Metric Data		Octave Band, dB						
		Air Flow	Ps	NC	Air Flow	Ps							
		CFM	"WG		L/s	Pa	2	3	4	5	6	7	
3/4" Slot Width	2'	90	-0.022	-	42	-5.5	20	27	13	-	-	-	
		170	-0.079	17	80	-19.7	31	39	33	25	15	-	
		210	-0.121	24	99	-30.0	34	43	39	33	23	14	
		250	-0.171	30	118	-42.5	37	47	45	39	30	22	
		330	-0.298	39	156	-74.1	42	52	53	48	41	34	
	4'	180	-0.022	-	85	-5.5	23	30	16	-	-	-	
		330	-0.074	19	156	-18.5	33	42	35	27	16	-	
		405	-0.112	26	191	-27.9	37	46	41	34	24	16	
		480	-0.157	31	227	-39.2	40	49	47	40	31	23	
		630	-0.271	41	297	-67.5	44	54	55	50	42	35	
	5'	200	-0.018	-	94	-4.4	22	28	14	-	-	-	
		380	-0.063	18	179	-15.7	33	41	34	25	14	-	
		470	-0.097	24	222	-24.1	36	45	40	33	22	13	
		560	-0.137	30	264	-34.2	40	49	45	39	29	21	
		740	-0.240	40	349	-59.6	44	54	54	48	40	33	
1" Slot Width	2'	120	-0.022	-	57	-5.4	41	25	13	-	-	-	
		250	-0.095	24	118	-23.5	53	37	35	-	-	-	
		315	-0.150	29	149	-37.4	57	41	41	14	-	-	
		380	-0.218	33	179	-54.4	60	44	47	19	-	-	
		510	-0.393	41	241	-97.9	65	49	55	28	18	-	
	4'	240	-0.022	11	113	-5.4	44	28	16	-	-	-	
		460	-0.080	26	217	-19.9	55	39	35	-	-	-	
		570	-0.123	30	269	-30.6	58	42	41	14	-	-	
		680	-0.175	34	321	-43.5	61	45	47	19	-	-	
		900	-0.306	40	425	-76.2	66	50	55	27	17	-	
	5'	280	-0.019	-	132	-4.7	43	28	15	-	-	-	
		550	-0.073	19	260	-18.2	55	39	35	-	-	-	
		685	-0.114	25	323	-28.3	59	43	41	14	-	-	
		820	-0.163	31	387	-40.5	62	45	46	19	-	-	
		1090	-0.287	40	514	-71.6	66	50	55	27	17	-	
1 1/2" Slot Width	2'	180	-0.022	-	85	-5.5	32	40	35	27	17	-	
		360	-0.088	18	170	-21.9	44	54	56	51	44	38	
		450	-0.137	25	212	-34.1	48	58	63	59	53	47	
		540	-0.197	31	255	-49.2	51	62	69	65	60	55	
		720	-0.351	40	340	-87.4	56	67	77	75	71	68	
	4'	360	-0.022	-	170	-5.5	35	43	38	30	20	-	
		680	-0.078	20	321	-19.5	46	56	57	52	45	38	
		840	-0.119	26	396	-29.7	49	60	64	60	53	47	
		1000	-0.169	32	472	-42.2	53	63	69	66	60	55	
		1320	-0.295	40	623	-73.5	57	69	78	75	71	67	
	5'	400	-0.017	-	189	-4.3	34	42	35	27	16	-	
		800	-0.069	18	378	-17.3	46	56	56	51	43	36	
		1000	-0.108	26	472	-27.0	50	60	63	59	52	46	
		1200	-0.156	31	566	-38.9	53	63	69	65	59	54	
		1600	-0.277	40	755	-69.1	58	69	78	75	70	67	

NOTES: Airflow is given for the length of the unit. NC values are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re10⁻¹² Watts. Dash in space denotes a NC or dB value of less than 10. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741. See selection software for performance data not shown, including octave band data.