

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

	Linear Length	IP Data		NC	Metric Data		Octave Band, dB					
		Air Flow	Ps		Air Flow	Ps	2	3	4	5	6	7
		CFM	"WG		L/s	Pa						
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'	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		
1" Slot Width	2'	60	-0.022	-	28	-5.4	22	29	19	-	-	-
		130	-0.102	21	61	-25.4	35	44	43	37	28	20
		165	-0.165	26	78	-41.0	39	49	50	45	37	31
		200	-0.242	30	94	-60.2	43	53	56	52	45	39
	270	-0.441	39	127	-109.8	48	59	66	62	57	52	
	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	-		
1 1/2" Slot Width	2'	90	-0.022	-	42	-5.5	29	37	32	24	14	-
		190	-0.098	16	90	-24.4	42	52	55	50	43	37
		240	-0.156	24	113	-38.9	46	56	62	58	52	47
		290	-0.228	30	137	-56.7	49	60	68	65	60	55
	390	-0.412	39	184	-102.6	54	66	77	75	71	68	
	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		

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<sup>-12</sup> 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: PFTBR, 2-SLOT, RETURN (NO DAMPER)

PLENUM SLOT DIFFUSERS

	Linear Length	IP Data			Metric Data		Octave Band, dB						
		Air Flow	Ps	NC	Air Flow	Ps	2	3	4	5	6	7	
		CFM	"WG		L/s	Pa							
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	-	-	-	
		320	-0.070	18	151	-17.4	33	41	34	26	15	-	
		390	-0.104	24	184	-25.9	36	45	40	33	23	14	
		460	-0.145	30	217	-36.0	39	48	45	39	29	21	
		600	-0.246	39	283	-61.3	44	53	54	48	40	33	
1" Slot Width	2'	120	-0.022	-	57	-5.4	25	32	22	13	-	-	
		240	-0.087	23	113	-21.7	37	46	44	37	28	20	
		300	-0.136	27	142	-33.9	41	50	50	45	37	30	
		360	-0.196	31	170	-48.8	44	54	56	51	44	38	
		480	-0.348	39	227	-86.7	49	59	65	61	55	50	
	4'	250	-0.024	12	118	-5.9	44	29	17	-	-	-	
		450	-0.077	25	212	-19.1	54	38	34	-	-	-	
		550	-0.114	29	260	-28.5	58	42	40	13	-	-	
		650	-0.160	33	307	-39.8	61	44	45	18	-	-	
		850	-0.273	39	401	-68.0	65	49	53	26	16	-	
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'	250	-0.011	-	118	-2.6	28	36	27	18	-	-	
		600	-0.061	17	283	-15.2	44	53	54	48	40	33	
		775	-0.102	23	366	-25.3	48	58	61	57	50	44	
		950	-0.153	30	448	-38.0	52	62	68	64	58	53	
		1300	-0.286	40	614	-71.2	57	68	77	75	70	66	

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<sup>-12</sup> 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.

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