



AIR ZONE INDUSTRIES, INC.

Series: PAS
ARI Performance

PERFORMANCE DATA

ARI STANDARD RATINGS FOR VARIABLE AIR VOLUME TERMINALS

MODEL OR SIZE	RATED AIRFLOW CFM	MIN. OPER. PRES. REQ. IN WATER	Rectified Sound Power Level, dB															
			Standard Air Flow						50% Std. Flow									
			Mln. Oper. Pres.		Mln. Oper. Pres. plus 1 1/2 Inchea water		kHertz Octave Band		Mln. Oper. Pres. plus 1 1/2 Inchea water		Mln. Oper. Pres. plus 1 1/2 Inchea water							
0.125	0.25	0.5	1	2	4	0.125	0.25	0.5	1	2	4	0.125	0.25	0.5	1	2	4	
4	200	0.044	43	40	42	28	24	23	24	23	24	19	49	46	41	38	28	25
5	400	0.052	50	46	51	30	27	26	30	30	30	32	56	53	49	41	34	31
6	550	0.060	52	53	56	34	32	30	34	34	33	39	59	57	53	45	37	35
8	1000	0.075	56	55	62	38	34	32	38	38	41	41	62	58	58	47	40	36
10	1600	0.090	60	58	63	43	42	41	43	43	44	46	62	60	57	49	43	40
12	2200	0.108	61	58	65	46	43	39	43	43	46	46	61	59	57	49	42	41
14	2800	0.205	63	60	63	45	42	38	43	43	44	44	63	59	57	51	46	39
16	3500	0.633	66	61	61	46	43	38	43	43	44	44	64	62	60	56	53	53
18	5000	0.410	70	65	62	54	50	46	48	48	53	53	65	62	59	54	51	47
20	6500	0.265	68	64	61	53	47	42	47	47	48	47	65	62	59	53	50	46
24	10000	0.015	73	69	66	55	50	47	47	47	48	48	69	66	60	53	51	49

MODEL OR SIZE	RATED AIRFLOW CFM	MIN. OPER. PRES. REQ. IN WATER	Discharge Sound Power Level, dB															
			Standard Air Flow						50% Std. Flow									
			Mln. Oper. Pres.		Mln. Oper. Pres. plus 1 1/2 Inchea water		Center Frequency		Mln. Oper. Pres. plus 1 1/2 Inchea water		Mln. Oper. Pres. plus 1 1/2 Inchea water							
0.125	0.25	0.5	1	2	4	0.125	0.25	0.5	1	2	4	0.125	0.25	0.5	1	2	4	
4	200	0.044	46	48	46	40	33	31	31	31	31	24	80	85	81	58	55	54
5	400	0.052	52	53	64	45	39	38	38	38	38	38	73	74	70	64	61	62
6	550	0.060	56	58	59	47	39	39	39	39	39	39	75	76	74	69	64	60
8	1000	0.075	63	63	68	50	44	42	42	42	42	42	78	79	77	70	68	65
10	1600	0.090	72	71	73	60	53	51	51	51	51	51	78	79	78	73	68	63
12	2200	0.108	73	71	67	60	51	52	52	52	52	52	79	79	79	74	69	65
14	2800	0.205	74	72	71	64	59	55	55	55	55	55	81	81	81	77	71	67
16	3500	0.680	80	76	74	69	63	58	58	58	58	58	83	82	83	78	71	69
18	5000	0.410	75	77	74	69	62	56	56	56	56	56	77	77	77	74	66	61
20	6500	0.265	77	76	75	70	63	60	60	60	60	60	84	82	82	78	75	68
24	10000	0.015	81	82	77	71	65	61	61	61	61	61	88	87	83	75	70	63