

2002 Audiobahn Woofer Specifications

	AW1051Q	AWC10Q	AW100Q	AW1000Q	ALUM10Q	AW1005Q	AW1006Q	AW1008Q	AWT10X	AWP210Q	AWP310Q
Fs	42.7 Hz	32.6 Hz	30.5 Hz	30.0 Hz	26.4 Hz	35.2 Hz	35.2 Hz	35.1 Hz	30.4 Hz	TBD	TBD
Qts	0.82	0.55	0.35	0.41	0.47	0.44	0.72	0.43	0.35		
Qes	0.96	0.65	0.38	0.44	0.51	0.47	0.89	0.49	0.38		
Qms	5.64	3.78	4.76	5.3	4.9	7.03	3.93	3.3	5.7		
Vas	20 Liters	35 Liters	24 Liters	23 Liters	35 Liters	13 Liters	12 Liters	12 Liters	8.3 Liters		
Vas	0.7 Cu.Ft.	1.20 Cu.Ft.	0.85 Cu.Ft.	0.80 Cu.Ft.	1.24 Cu.Ft.	0.45 Cu.Ft.	0.42 Cu. Ft.	0.4 Cu. Ft.	0.3 Cu.Ft.		
Re	3.0 ohms	3.2 ohms	3.0 ohms	3.2 ohms	6.0 ohms	2.0 ohms	3.0 ohms	1.85 ohms	2.05 ohms		
Le	1.4 mH	1.35 mH	3.0 mH	1.95 mH	2.50 mH	1.05 mH	1.3 mH	1.4 mH	1.2 mH		
Mmd	105 Grams	109 Grams	185 Grams	143 Grams	158 Grams	202 Grams	245 Grams	240 Grams			
Xmax	+/- 13mm	+/- 7mm	+/- 10mm	+/- 12 mm	+/- 13 mm	+/-16mm	+/-19mm	+/-20 mm	+/- 17mm		
RMS	300 watts	400 watts	400 watts	600 watts	800 watts	900 watts	900 watts	1000 watts	1000 watts		
Sd	0.033 M2	0.034 M2	0.034 M2	0.030 M2	0.033 M2	0.030 M2	0.031 M2	0.031 M2	M2		
EBP	44	50	80	70	75	75	40	72	80		
Freq. Resp.	28Hz-1kHz	25Hz-800Hz	29Hz-1kHz	23Hz-500Hz	20Hz-500Hz	25Hz-700Hz	22Hz-500Hz	22Hz-500Hz	20Hz-500Hz		
Efficiency	91 dB	92.5 dB	92.3 dB	91.1 dB	95.6 dB	91.7 dB	95 dB	90 dB	89.7 dB		
Dimensions											
Depth	4 5/8"	4 3/4"	5"	5"	5"	5 3/4"	6"	6"	6 1/2"		
Hole	9"	9"	9"	9 1/4"	9 1/4"	9 1/4"	9"	9 1/4"	10 5/16"		
Diameter	10 1/4"	10 1/4"	10 1/4"	10 7/8"	10 7/8"	10 7/8"	10 1/4"	10 7/8"	11 7/16"		
Dis.	0.10 Cu. Ft.	0.10 Cu. Ft.	0.10 Cu. Ft.	0.15 Cu. Ft.	0.15 Cu. Ft.	0.17 Cu. Ft.	0.21 Cu. Ft.	0.22 Cu. Ft.	0.30 Cu. Ft.	0.10 Cu. Ft.	0.17 Cu. Ft.

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	AW1251Q	AWC12Q	AW120Q	AW1200Q	ALUM12Q	AW1205Q	AW1206Q	AW1208Q	AWT12X	AWP212Q	AWP312Q
Fs	37.4 Hz	31.4 Hz	32.4 Hz	31.2 Hz	24.4 Hz	31 Hz	31.5 Hz	28.9 Hz	29.7 Hz	TBD	TBD
Qts	0.76	0.59	0.39	0.6	0.47	0.34	0.35	0.31	0.36		
Qes	0.88	0.71	0.42	0.67	0.52	0.37	0.4	0.36	0.38		
Qms	5.28	3.57	4.43	6.23	4.8	4.7	2.53	2.16	6.2		
Vas	69 Liters	69 Liters	45 Liters	51 Liters	76 Liters	33 Liters	33 Liters	33 Liters	18 Liters		
Vas	2.45 Cu.Ft.	2.45 Cu.Ft.	1.6 Cu.Ft.	1.8 Cu. Ft.	2.66 Cu.Ft.	1.15 Cu.Ft.	1.2 Cu.Ft.	1.2 Cu.Ft.	0.65 Cu. Ft.		
Re	3.50 ohms	3.3 ohms	3.25 ohms	3.3 ohms	5.4 ohms	2.1 ohms	3.0 ohms	1.85 ohms	1.95 ohms		
Le	1.40 mH	1.5 mH	2.55 mH	2.20 mH	2.7 mH	0.85 mH	1.50 mH	1.55 mH	1.1 mH		
Mmd	94 grams	130 grams	144 grams	135 grams	186 Grams	228 grams	240 grams	239 grams			
Xmax	+/- 7 mm	+/- 8mm	+/- 10 mm	+/- 12.5 mm	+/-14 mm	+/- 16 mm	+/-18mm	+/-20 mm	+/-20 mm		
RMS	500 Watts	500 Watts	500 Watts	700 watts	1000 Watts	1000 Watts	1100 Watts	1500 Watts	2000 Watts		
Sd	0.052 M2	0.051 M2	0.045 M2	0.045 M2	0.049 M2	0.045 M2	0.044 M2	0.044 M2	M2		
EBP	42	44	77	48	47	83	79	80	78		
Freq. Resp.	24Hz-1kHz	25Hz-800Hz	26 Hz-1kHz	20Hz-500Hz	18Hz-500Hz	23Hz-700Hz	20Hz-500Hz	20Hz-500Hz	20Hz-500Hz		
Efficiency	92.1 dB	92.9 dB	92.8 dB	92.7 dB	96.4 dB	92.9 dB	96.4 dB	91 dB	87.3 dB		
Dimensions											
Depth	5 1/4"	5 1/16"	5 3/8"	5 5/8"	5 5/8"	6 3/8"	6 1/2"	6 3/4"	7 1/8"		
Hole	10 7/8"	10 7/8"	10 7/8"	11 1/8"	11 1/8"	11 1/8"	10 7/8"	11 1/8"	12 3/8"		
Diameter	12 1/2"	12 1/2"	12 1/2"	12 3/4"	12 3/4"	12 3/4"	12 5/16"	12 3/4"	13 3/8"		
Dis.	0.15 Cu. Ft.	0.15 Cu.Ft.	0.15 Cu.Ft.	0.18 Cu.Ft.	0.18 Cu.Ft.	0.22 Cu.Ft.	0.27 Cu.Ft.	0.27 Cu.Ft.	0.417 Cu.Ft.	0.15 Cu.Ft.	0.22 Cu.Ft.

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	AW1571Q	AW150Q	AW1500Q	ALUM15Q	AW1505Q	AW1506Q	AW1508Q	AWT15X	
Fs	28.2 Hz	30.6 Hz	28.3 Hz	24.4 Hz	28.2 Hz	30.2 Hz	28.4 Hz	27.5 Hz	
Qts	0.49	0.54	0.52	0.56	0.33	0.59	0.32	0.4	
Qes	0.55	0.59	0.56	0.63	0.36	0.71	0.36	0.43	
Qms	4.65	5.92	7.4	5.64	4.4	3.74	2.95	6.2	
Vas	132 Liters	95 Liters	108 Liters	130 Liters	77 Liters	67 Liters	88 Liters	42 Liters	
Vas	4.7 Cu.Ft.	3.33 Cu. Ft.	3.80Cu. Ft.	4.5 Cu.Ft.	2.7 Cu.Ft.	2.37 Cu.Ft.	3.1 Cu.Ft.	1.48 Cu.Ft.	
Re	3.2 ohms	3.2 ohms	3.2 ohms	5.5 ohms	2.0 ohms	3.4 ohms	1.90 ohms	2.15 ohms	
Le	1.00 mH	2.1 mH	2.6 mH	3.15 mH	1.1 mH	2.5 mH	2.45 mH	1.35 mH	
Mmd	180 grams	219 Grams	222 Grams	290 Grams	320 grams	318 grams	272 grams		
Zmax	+/- 11 mm	+/-10mm	+/-15mm	+/-16 mm	+/- 15 mm	+/-19 mm	+/-20 mm	+/- 21 mm	
RMS	500 watts	800 watts	800 watts	1100 watts	1000 watts	1300 watts	2000 watts	3000 watts	
Sd	0.078 M2	0.075 M2	0.075 M2	0.085 M2	0.075 M2	0.075 M2	0.075 M2	M2	
EBP	51	52	50	39	78	42	79	69	
Freq. Resp.	21Hz-1kHz	18Hz-500Hz	18Hz-500Hz	18Hz-500Hz	20Hz-700Hz	18Hz-500Hz	18Hz-500Hz	18Hz-500Hz	
Efficiency	93.4 dB	93.9 dB	93.9 dB	96.4 dB	94.8 dB	96.4 dB	89 dB	87.3 dB	
Dimensions									
Depth	6 7/8"	7 1/8"	7 1/8"	7 1/4"	7 5/8"	8"	8"	7 3/4"	
Hole	13 7/8"	14"	14"	14"	14"	13 3/4"	14"	15"	
Diameter	15 3/8"	15 1/2"	15 1/2"	15 1/2"	15 1/2"	15 3/8"	15 1/2"	16 3/8"	
Displacement	0.21 Cu.Ft.	0.21 Cu.Ft.	0.23 Cu.Ft.	0.23 Cu.Ft.	0.27 Cu.Ft.	0.47 Cu.Ft.	0.47 Cu.Ft.	0.51 Cu.Ft.	

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	AW831Q	AW800Q	AW1805Q	AWT18X	AWT34X	AMD50	AMD60	
Fs	38.6 Hz	29.0 Hz	23.2Hz	20.4Hz	13.6Hz	63Hz	39Hz	
Qts	0.36	0.27	0.41	0.53	0.968	0.89	0.22	
Qes	0.4	0.3	0.44	0.58	1	1.2	0.24	
Qms	3.72	3.81	5.27	6.2	11.65	3.2	3.6	
Vas	12.5 Liters	17 liters	133 liters	131 Liters	743 Liters	4.5 Liters	7 Liters	
Vas	0.45 Cu.Ft.	0.6 C. Ft.	4.70 Cu.Ft.	4.6 Cu.Ft.	26.2 Cu. Ft.	0.15 Cu.Ft.	0.25 Cu.Ft.	
Re	3.3 ohms	4.0 ohms	3.3 ohms	1.95 ohms	1.95 ohms	3.6 ohms	3.15 ohms	
Le	0.75 mH	1.55 mH	2.85 mH	1.06mH	1.15mH	0.26mH	1.7mH	
Mmd	69 grams	97 grams	610 grams					
Zmax	+/- 7 mm	+/- 12 mm	+/- 26 mm	+/- 23 mm	+/- 30mm	+/- 3mm	+/- 6mm	
RMS	200 watts	300 watts	1200 watts	4000 watts	5000 watts	200 watts	200 watts	
Sd	0.020 M2	0.0196 M2	0.110 M2	M2	M2	M2	M2	
EBP	96	97	53	35	14	n/a	177	
Freq. Resp.	30Hz-1kHz	34KHz-1KHz	16Hz-500Hz	18Hz-500Hz	10Hz-400Hz	35Hz-5kHz	30Hz-5kHz	
Efficiency	90.3 dB	89.9 dB	97dB	88.7 dB	88.9 dB	92 dB	93 dB	
Dimensions								
Depth	3 7/16"	4 3/8"	7 3/4"	9 3/8"	14 1/2"	2.125"	3.25	
Hole	7"	7 1/4"	16 3/4"	17 7/8"	34"			
Diameter	8 3/8"	8.5"	18 1/2"	20 1/4"	36 1/4"			
Displacement	0.08 Cu.Ft.	0.10 Cu.Ft.	0.37 Cu.Ft.	0.89 Cu.Ft.	1.65 Cu. Ft.	.077 Cu.Ft.	.089 Cu.Ft.	