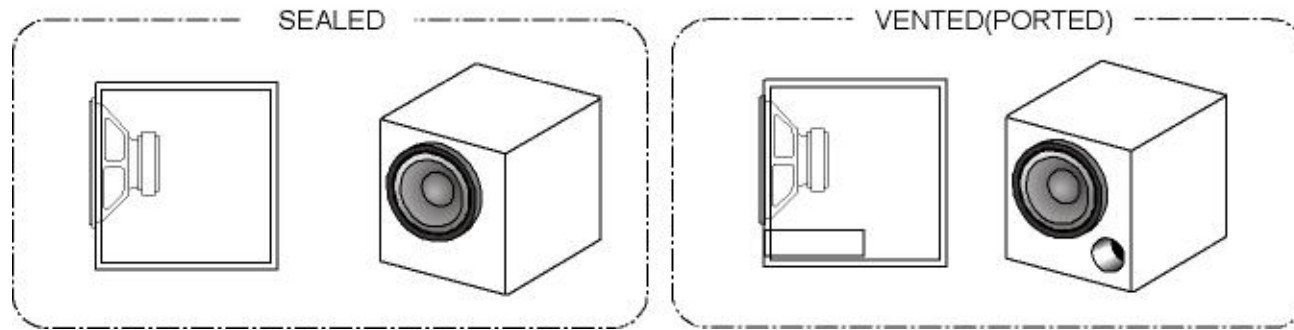




Thiele - Small Parameters for 2002 Woofers

Technical Data

Subwoofer	Power Peak	Power Continuous	FS	Qts	Qes	Qms	Vas (Cu Ft)	Xmax (in)	Efficiency (dB 1W / 1m)	Re (ohm)	Impedance
CPT-15	1250	880	33.66	0.363	0.384	6.432	2.305	0.413	89.9	0.7	Dual 2 ohm
CPT-12	1000	700	41.99	0.470	0.513	5.677	0.7037	0.413	86.46	0.8	Dual 2 ohm
CEX-15	840	590	22.09	0.461	0.508	5.061	6.963	0.492	88.1	5.6	Dual 6 ohm
CEX-12	650	460	25.99	0.399	0.437	4.702	2.805	0.492	86.92	5.6	Dual 6 ohm
CEX-10	400	280	27.21	0.351	0.382	4.289	1.437	0.492	85.19	5.6	Dual 6 ohm
CSX-15	800	560	24.44	0.466	0.541	3.334	5.507	0.492	88.1	3.2	Dual 4 ohm
CSX-12	600	425	26.02	0.376	0.413	4.19	3.207	0.492	87.7	3.2	Dual 4 ohm
CSX-10	375	265	27.27	0.406	0.449	4.268	1.842	0.492	85.6	3.2	Dual 4 ohm
CSS-15	750	530	24.141	0.433	0.489	3.818	7.132	0.472	89.5	3.2	Dual 4 ohm
CSS-12	550	385	20.75	0.342	0.372	4.218	4.585	0.472	86.81	3.2	Dual 4 ohm
CSS-10	350	250	26.1	0.347	0.377	4.34	1.678	0.472	85.38	3.2	Dual 4 ohm
CFT-15	650	450	26.1	0.410	0.437	6.598	8.988	0.256	92.03	3.2	Single 4 ohm
CFT-12	450	300	26.54	0.308	0.325	5.912	3.945	0.256	89.96	3.2	Single 4 ohm
CFT-10	250	170	29.83	0.293	0.311	4.924	1.831	0.265	88.33	3.2	Single 4 ohm
CSE-12	450	300	26.54	0.308	0.538	6.286	3.945	0.256	89.96	3.2	Single 4 ohm
CSE-10	250	170	28.65	0.495	0.538	4.924	2.988	0.256	87.6	3.2	Single 4 ohm
CSE-126	450	300	26.54	0.308	0.538	6.286	3.945	0.256	89.96	5.6	Single 6 ohm
CSE-106	250	170	28.65	0.495	0.538	4.924	2.988	0.256	87.6	5.6	Single 6 ohm



RECOMMENDED ENCLOSURE SIZES

Recommended
Enclosures

Subwoofer	Sealed (cu. Ft.)	Ported (cu. Ft.)	Port Dimensions (dia. X Length in Inches)	Tuning Frequency (Hz)	Outside Diameter	Cutout Diameter	Mounting Depth	Displacement (Cu Ft)
CPT-15	1.24 - 1.5	1.73 / 2.0	5 X 17.98 / 5 X 16.76	37 / 36	15 1/2"	13 7/8"	8"	0.263
CPT-12	0.29 - 1.0	1.25 / 1.5	4 X 17.65 / 4 X 16.38	36 / 34	12 1/2"	11 1/8"	6 1/2"	0.157
CEX-15	1.50 - 3.0	1.5 / 2.0	4 X 15.5 / 4 X 13.6	35 / 32	15 1/2"	13 7/8"	8"	0.242
CEX-12	1.0 - 1.50	1.0 / 1.25	3 X 12 / 3 X 11	35 / 33	12 1/2"	11 1/8"	6"	0.135
CEX-10	0.35 - 0.70	0.6 / 1.0	2.5 X 16 / 2.5 X 13	35 / 29	10 1/2"	9 1/4"	5 1/2"	0.100
CSX-15	1.5 - 2.95	1.5 / 2.5	3 X 7.34 / 4 X 11	37.5 / 42.3	15 1/2"	13 7/8"	8"	0.241
CSX-12	0.3 - 0.9	1.00 / 2.5	3 X 11 / 3 X 7	31.5 / 38.5	12 1/2"	11 1/8"	6"	0.129
CSX-10	0.3 - 0.75	0.75 / 1.25	2.5 X 11	31 / 28	10 1/2"	9 1/4"	5 1/2"	0.091
CSS-15	1.50 - 2.25	1.5 / 2.0 / 3.0	5 X 16.7 / 5 X 14.5 / 5 X 12	41 / 38 / 33	15 1/4"	14"	7 1/8"	0.241
CSS-12	0.77 - 1.0	1.25 / 2.0	3 X 13.6 / 4 X 20.65	31 / 27	12 1/4"	11 1/4"	6 1/8"	0.122
CSS-10	0.31 - 0.60	1.08 / 1.25	3 X 17 / 3 X 16	30 / 29	10 1/8"	9 1/4"	5 3/4"	0.090
CFT-15	1.5 - 2.5	2.0 / 3.0	5 X 11.7 / 5 X 9.5	42 / 37	15 1/4"	14"	6 1/4"	0.225
CFT-12	0.23 - 0.75	1.25	3 X 15.4	29	12 1/4"	11 1/4"	6 1/2"	0.112
CFT-10	0.22 - 0.5	0.64 / 1.0	3 X 15 / 3 X 12.5	41 / 36	10 1/8"	9 1/4"	5"	0.077
CSE-12	0.23 - 0.75	1.25	3 X 15.4	29	12 1/4"	11 1/4"	6 1/2"	0.112
CSE-10	0.22 - 0.5	0.64 / 1.0	3 X 15 / 3 X 12.5	41 / 36	10 1/8"	9 1/4"	5"	0.077
CSE-126	0.23 - 0.75	1.25	3 X 15.4	29	12 1/4"	11 1/4"	6 1/2"	0.112
CSE-106	0.22 - 0.5	0.64 / 1.0	3 X 15 / 3 X 12.5	41 / 36	10 1/8"	9 1/4"	5"	0.077