

SLAPS-15v2 INTERNAL NET BOX SIZES IN CUBIC FEET WITH 1/4 CUBIC FEET INCREMENTS

1.5 ft³		1.75 ft³		2 ft³		2.25 ft³		2.5 ft³		2.75 ft³		3 ft³	
Tuning Hz	Added Mass	Tuning Hz	Added Mass	Tuning Hz	Added Mass	Tuning Hz	Added Mass	Tuning Hz	Added Mass	Tuning Hz	Added Mass	Tuning Hz	Added Mass
15	1194	15	880	15	644	15	461	15	315	15	195	15	95
16	927	16	652	16	445	16	284	16	155	16	50	16	-38
17	707	17	463	17	279	17	137	17	23	17	-71	17	-149
18	522	18	304	18	141	18	13	18	-88	18	-172	18	-241
19	366	19	170	19	23	19	-91	19	-182	19	-257	19	-319
20	232	20	56	20	-77	20	-180	20	-262	20	-330	20	-386
21	117	21	-43	21	-163	21	-257	21	-331	21	-392	21	-443
22	18	22	-128	22	-238	22	-323	22	-391	22	-447	22	-493
23	-69	23	-203	23	-303	23	-381	23	-443	23	-494	23	-537
24	-146	24	-268	24	-360	24	-432	24	-489	24	-536	24	-575
25	-213	25	-326	25	-411	25	-477	25	-529	25	-572	25	-608
26	-273	26	-377	26	-455	26	-516	26	-565	26	-605	26	-638
27	-326	27	-423	27	-495	27	-552	27	-597	27	-639	27	-665
28	-373	28	-463	28	-531	28	-584	28	-626	28	-669	28	-689
29	-416	29	-500	29	-563	29	-612	29	-651	29	-695	29	-710
30	-455	30	-533	30	-592	30	-638	30	-674	30	-714	30	-729
31	-489	31	-563	31	-618	31	-681	31	-697	31	-723	31	-747
32	-521	32	-590	32	-642	32	-702	32	-714	32	-741	32	-763
33	-550	33	-615	33	-663	33	-719	33	-732	33	-756	33	-777
34	-576	34	-637	34	-683	34	-739	34	-747	34	-771	34	-790
35	-600	35	-658	35	-701	35	-755	35	-762	35	-784	35	-802
36	-622	36	-677	36	-718	36	-750	36	-775	36	-796	36	-813
37	-643	37	-694	37	-733	37	-763	37	-787	37	-807	37	-823
38	-662	38	-710	38	-747	38	-776	38	-799	38	-817	38	-833
39	-679	39	-725	39	-760	39	-787	39	-809	39	-827	39	-841
40	-695	40	-739	40	-772	40	-798	40	-819	40	-835	40	-849
41	-710	41	-752	41	-783	41	-808	41	-827	41	-844	41	-857
42	-724	42	-764	42	-794	42	-817	42	-836	42	-851	42	-864
43	-737	43	-775	43	-803	43	-826	43	-844	43	-858	43	-870
44	-749	44	-785	44	-812	44	-834	44	-851	44	-865	44	-876
45	-760	45	-795	45	-821	45	-841	45	-871	45	-871	45	-882
46	-770	46	-804	46	-829	46	-848	46	-877	46	-877	46	-887
47	-780	47	-812	47	-836	47	-855	47	-882	47	-882	47	-892
48	-789	48	-820	48	-843	48	-861	48	-887	48	-887	48	-897
49	-798	49	-827	49	-850	49	-867	49	-892	49	-892	49	-901
50	-806	50	-834	50	-856	50	-872	50	-896	50	-896	50	-905

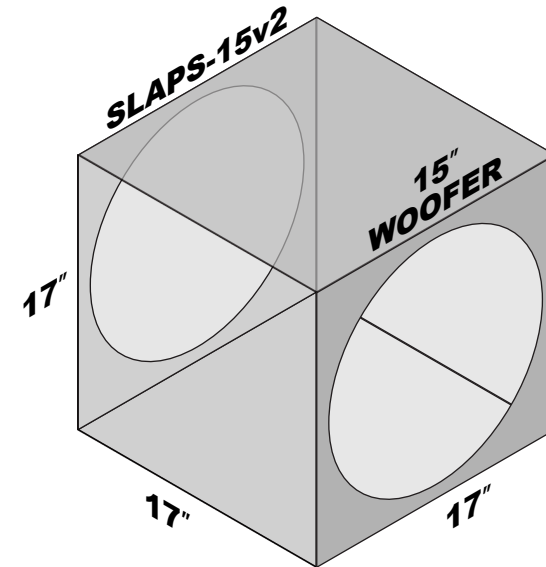
Do Not Use

Not Recommended
 Optimal
 Do Not Used

**ALL ASPECTS BELOW ARE WITH ZERO ADDED MASS
ASSUMING SURROUND LOSSES OF $Q_{md} = 7 @ 20\text{Hz}$**

Mass to Deflection	8.4 kgs
Deflection in Meters, X	0.015 m
CMS, CMP	0.00018203 N · m
Diameter Peak to Peak, D	21.12 cm
Active Piston Area Sd	760.6240858 cm
Active Piston Area Sd	0.076062409 m
Vas in Liters	149.5448485 L
Vas in Cubic Feet	5.26566368 ft ³
Air Mass Mmr In Kgs	0.012062101 kgs
Air Mass Mmr In Grams	12.06210084 g
Moving Mass In Grams	983 g
Mms = Mmp In Grams	995.0621008 g
Free Air Resonance Fs = Fp	11.82558245 Hz
Qm	9.5
Qt	0.35
Peak To Peak Excursion	4 in / 10.16 cm

3/4" Thick Wood
(1) 15" Active Driver
(1) 15" SLAPS-15v2 Passive Radiator



3/4" Thick Wood
(1) 15" Active Driver
(2) 15" SLAPS-15v2 Passive Radiators

