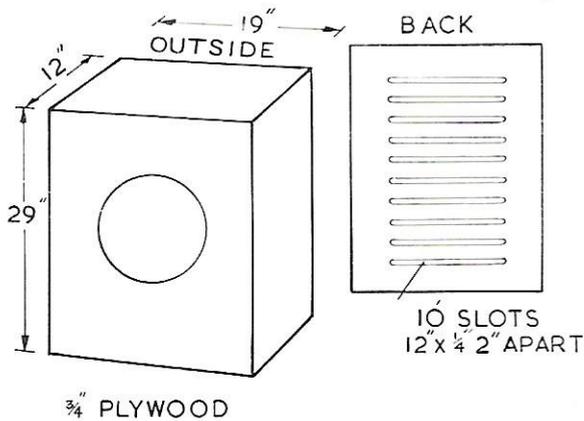


**FIG. R3—3 cu.ft.**



DP cabinet suitable for all 8", 10" and 12" units and specially recommended for the coaxial 12, Super 12/RS/DD and RS12/DD full range speakers.

**Materials**

3/4" plywood lined on all four sides with about 1" absorbent. Back lined with soft woollen cloth.

**Weight**

42 lb. approx.

A treble enclosure as per Figs. R6 and R7 can be used here when required.

N.B. Each slot in the back can be replaced by 15 holes 1/2" diameter.

**Alternative tuning**

Vent 12" x 1" in front panel, with solid back.

**FIG. R4—4, 5 and 6 cu.ft.**

**FLAT CORNER PANEL—SAND-FILLED—WITH TOP**

These enclosures are simple to construct and give very good results.

Height inside in.	Width inside in.	Distance along wall inside in.	Approx. Volume cu.ft.	Sand Thickness in.	Total Port Area sq.in.
31	30	21 1/4	4	3/4	10
38 1/2	30	21 1/4	5	3/4	14
40	32 1/4	22 3/4	6	1	20

**Materials**

Solid wood frame of thickness to give required sand-filling, faced both sides with 3/4" plywood. Top in 3/4" plywood. For maximum bass response an airtight fit to walls should be ensured by fitting strips of felt or Bostik white sealing strip.

The panel could also be made of marble, slate or metal with excellent results in the acoustic sense.

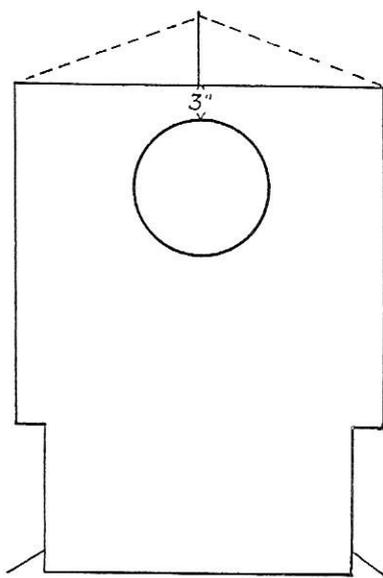
*Absorbents not usually required here.*

The following units can be used:

4 cu.ft. size: Any 8" or 10" speaker. Also the RS 12" units.

5 cu.ft. size: As above, plus FS 12" and RS 15" units.

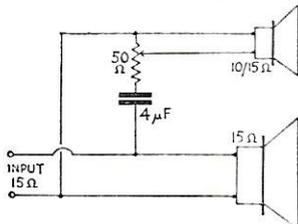
6 cu.ft. size: All models including FS 15" units.



These corner enclosures are big enough to accommodate a Super 3 tweeter, boxed in and lined with soft absorbent, facing forwards or upwards according to taste or stereo requirements. See Figs. R6 and R7. This little box must be acoustically sealed from the bass sound waves, otherwise very peculiar buzzing or vibration effects may be heard.

**ADDING A TWEETER**

When it is desired merely to improve the HF response, without rolling off the main speaker, this simple circuit can be used, and in fact often reduces audible mid-range coloration.



*Tweeter with volume control. If the impedance of the main loudspeaker is 2/3 ohms, the filter capacitor and VC should then be 12 Mfd and 20 ohms respectively.*