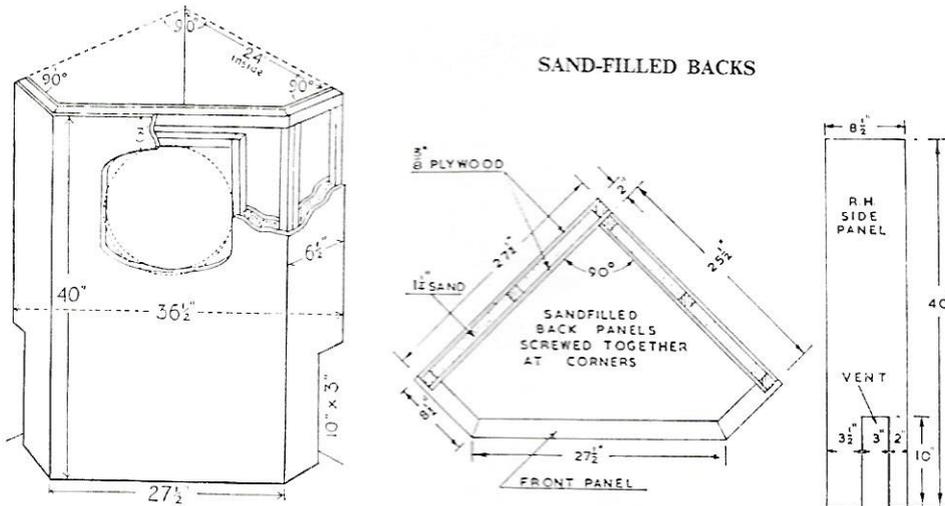


FIG. R8—9 cu.ft.
SAND-FILLED CORNER PANEL



Distance along wall from corner to front of lid is $26\frac{1}{4}$ ". Weight of front panel 124 lb.

Materials

Solid wood frame 1" thick, faced on both sides with sheets of $\frac{1}{2}$ " plywood. Space between plywood filled with tightly-packed dry sand. Top in 1" plywood or blockboard. For maximum bass response an airtight fit to walls must be ensured.

Sub-baffle about 16" x 16" in $\frac{3}{8}$ " plywood should be fitted up to the rear side of the front plywood panel, inside the frame shown in drawings, to avoid a cavity in front of the cone.

Units

In spite of the excellent quality of bass down to 30 cycles now obtainable from properly designed 12" units in compact enclosures of around 2 cu.ft., the fact remains that the 9 cu.ft. corner system is still worth having where room is available.

As to suitable units, almost anything goes as this enclosure gives remarkable bass even with an 8" speaker. For optimum results, the W15/RS or W15/FS should be used, but 12" RS, FS and CS models are satisfactory even when twin treble systems are added.

The Coaxial 12 and Super 12/RS/DD also perform well in this enclosure.

SAND-FILLED BACKS

Where a solidly built corner is not available, the enclosure should be completed by fitting a pair of sand-filled backs as shown above.

The width of the two side panels is increased to $8\frac{1}{2}$ " to cover the edges of the back panels, the vents being cut out as indicated in the drawing.

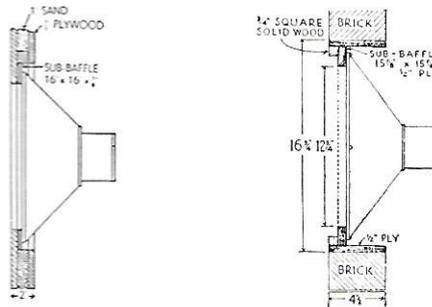


Diagram to show method of fitting sub-baffle to sand-filled panel.

Side view of brick panel showing method of fixing sub-baffle.

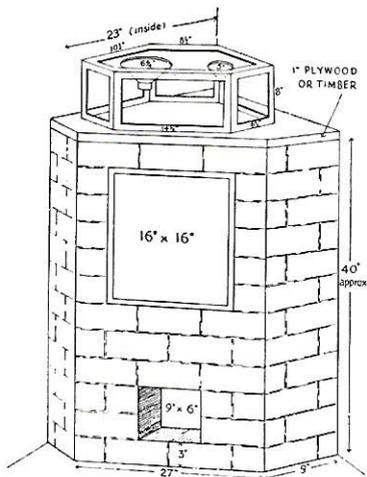


FIG. R9 BRICK REFLEX

Readers who may be removing, redecorating, or building a house are strongly advised to construct a brick enclosure along the lines of this drawing. The cost is low, but the results are superb.

The wooden frame is recessed to take a sub-baffle with bass unit. This baffle should be fixed as near as possible to the front of the structure, and may be $\frac{1}{2}$ " plywood.

The distance along the wall inside the enclosure is 23", and along the front is 27" outside. A 15" unit is the ideal bass speaker, with a treble unit or middle and top units, mounted as shown in Fig. R10.

Other speakers give a good account of themselves in brick surroundings.