

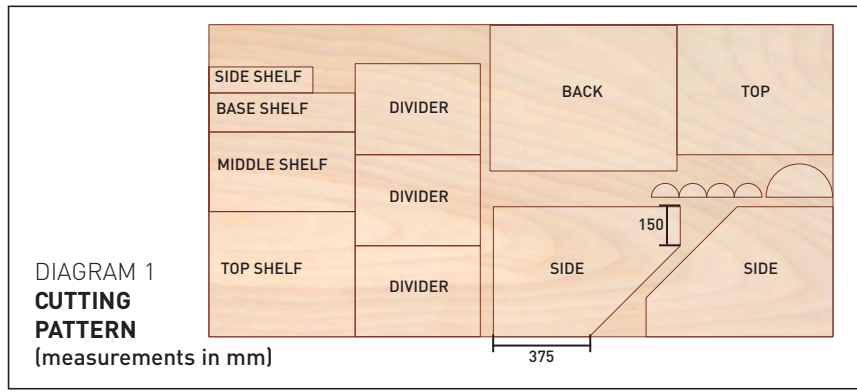
# Air compressor shelf

Build a wall-mounted unit to keep this handy tool tidy

**B**uild the shelf from one sheet of 19mm CD-grade plywood, costing about \$95, and have the supplier cut the pieces for accurate assembly (see Diagram 1), for about \$2 a cut.

You'll also need a 2400mm length of 38 x 19mm pine to make the 6mm trim.

**TIP** For a better quality finish use BB-grade hoop pine, which costs about \$170 a sheet.

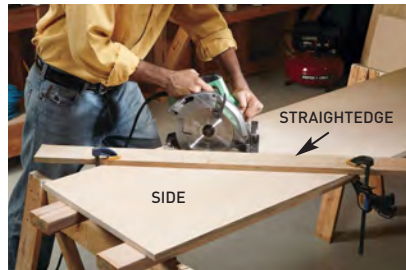


**HOW TO**

# Build the wall unit

**DIY \$160**

HAVE IT DONE FOR \$400

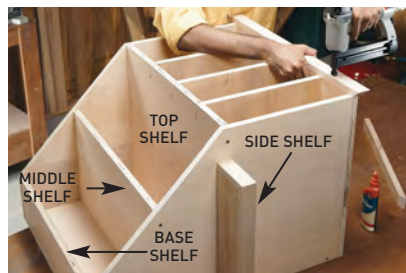
**SKILL 123456789****TIME 6 HOURS**

## 1 Cut the parts

If the supplier hasn't cut the parts, mark up the plywood (see Diagram 1) measure the offset distance on the circular saw from the blade to the edge of the baseplate. Clamp a straightedge at the offset distance from the cut line to cut.

## 2 Make the hose holder

Mark out four half circles, 165mm in diameter, and one 260mm in diameter, and cut using a jigsaw. Join the smaller half circles, securing with adhesive, clamp and leave to dry. Smooth with a belt sander then secure to the larger half circle.



## Fix to the wall

Locate the wall studs and drill four clearance holes in the plywood back. Secure with 90 x 6mm coach screws and washers.

## 3 Assemble the unit

Mark the centre of the sides, dividers, and shelves on the back and top to drill 2mm pilot holes join the sides to the back, then secure the top. Attach the outside shelf and hose holder, dividers, the wide shelf and the smaller shelves (see Diagram 2).

## 4 Add the trim and finish

Cut the pine to make trim for the top, with mitres on front corners and position on the top with a 19mm lip, securing with adhesive and nails. Cut 19 x 6mm strips of pine to cover the raw edges, securing with adhesive. Apply two coats of clear polyurethane.

## CUTTING LIST

(measurements in mm)

PART	SIZE	NO.
<b>PLYWOOD</b>		
Sides	730 x 510 x 19	2
Back	730 x 570 x 19	1
Top	608 x 510 x 19	1
Vertical divider	491 x 356 x 19	3
Top shelf	570 x 491 x 19	1
Base shelf	570 x 130 x 19	1
Middle shelf	570 x 310 x 19	1
Side shelf	400 x 100 x 19	1
Small half circle	165 diam x 19	4
Large half circle	260 diam x 19	1
<b>PINE TRIM</b>		
Top side	529 x 38 x 19	2
Top front	646 x 38 x 19	1
Side shelf side	419 x 38 x 19	1
Side shelf front	119 x 38 x 19	1
Division front	356 x 19 x 6	3
Shelf front	570 x 19 x 6	3
Side front	750 x 19 x 6	2

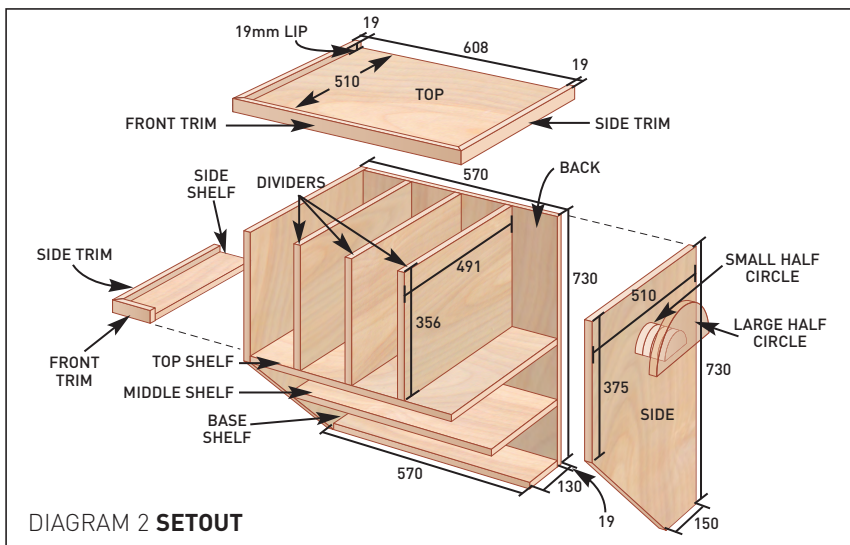


DIAGRAM 2 SETOUT

**Handyman** handyman.net.au

Visit for more on how to operate and compare air compressors.