

Ventilation Box Construction Plan

Part + Details	Quantity	Total Price
PC Fan 120mm	1	14,51€
Plywood 120cmx60cm	2	29,90€
Screws 3mmx30mm	1 box	9,01€
Superglue	1	4,15€
Gasket 5m	1	8,49€
Tension Clasps	4	8,05€
Stainless Steel Filter Screen 22cmx27cm	1	8,46€
Silicone 310 ml	1	8,98€
Air Tubing Flansches 125mm	2	14,10€
Air Tubing 125mm	1	16,13€
Felt (or thick cloth)	1	14,21€
		=135,99€

Optional/ dependent on your individual setting:

Wall Mounts 2x

Rubber Mat

Cable Duct

USB Cable Extension

USB Power Supply

Recommended Tools

Jigsaw

90° angle

Big ruler

Level

Drill

Cartridge Press

Sandpaper

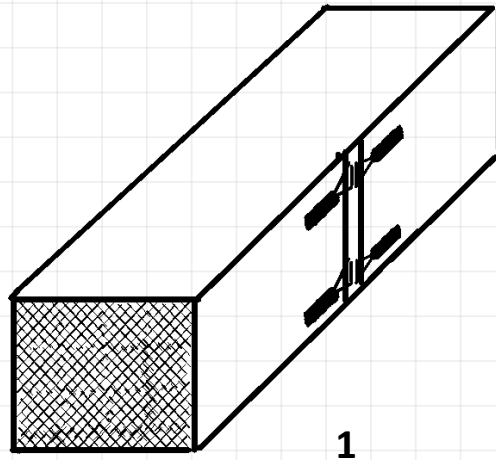
Clamps

Pencil

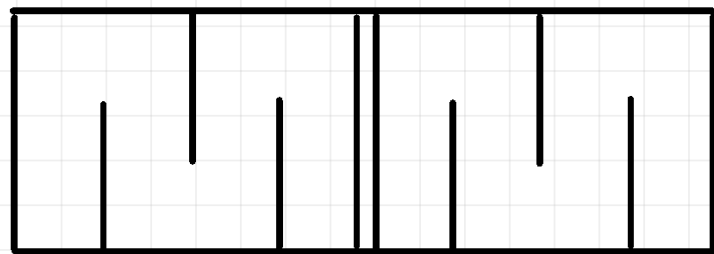
Screwdrivers

Scissors

Small Wood Drill Bits



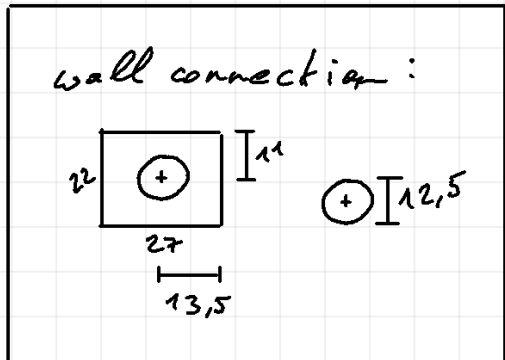
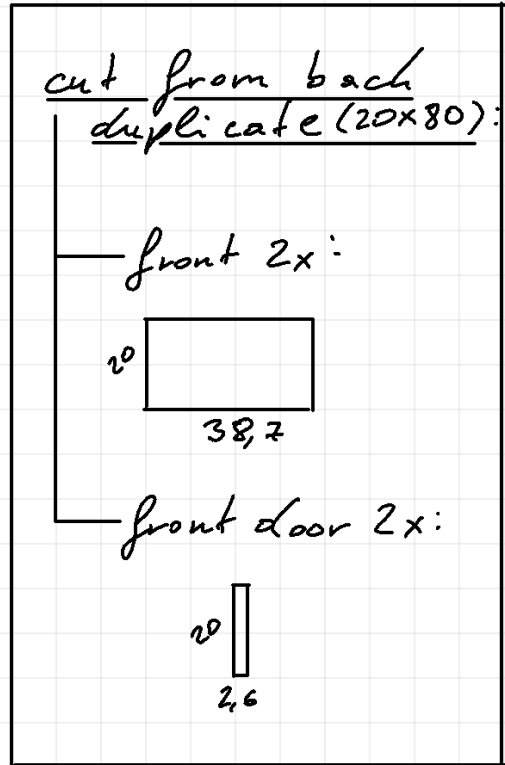
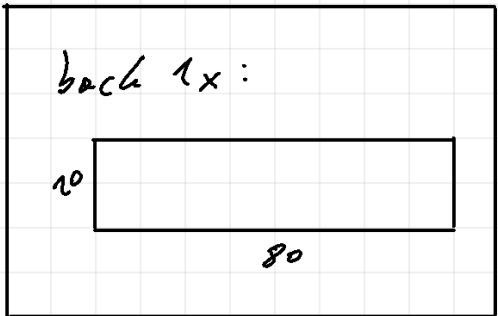
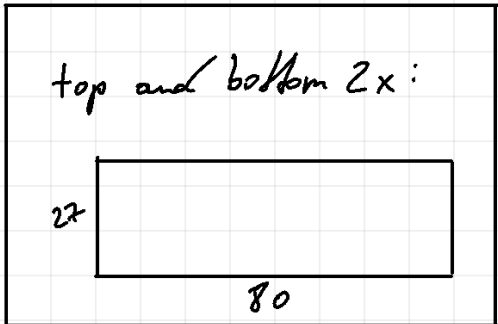
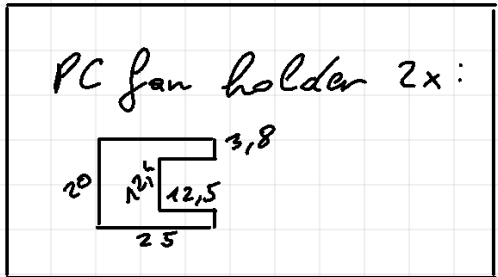
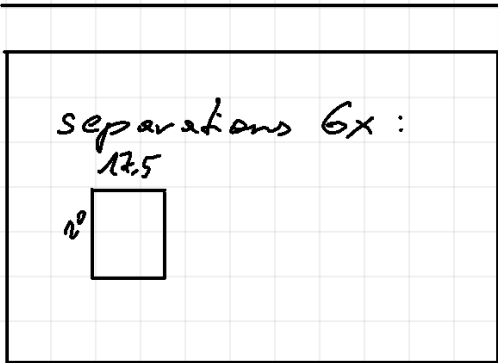
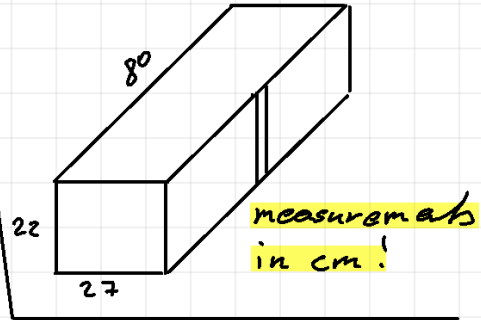
top-down (open)



1. Sketch of the ventilation box

2. Top-down view of partition wall placement inside the box

ventilation box



The PC fan holder and the front door need to be doubled up.

All measurements assume a plywood thickness of 1cm.

Be sure to testfit and adapt regularly, especially around the PC fan and the service door, where gaskets need to have a tight fit.