A drawing of a vent in a wall

AI-generated content may be incorrect. A drawing of a metal box

AI-generated content may be incorrect.

caseDoor\_back

caseDoor\_front

A black rectangular object with a white background

AI-generated content may be incorrect. A white rectangular object with black trim

AI-generated content may be incorrect.

caseDoor+Rubber\_Seal

Rubber\_Seal

A drawing of a box

AI-generated content may be incorrect. A blue and black drawing of a rectangular object

AI-generated content may be incorrect.

basePlate

caseBody

A white box with a blue door

AI-generated content may be incorrect. A white box with a lid

AI-generated content may be incorrect.

Fully assembled case

caseBody+basePlate

\*This is the rough design (All dimensions are assumptions based on the dimensions of the thing we will likely use so we can change them later.)

\*I put the top roof because I want to block direct sunlight to the top of the case but since the size cannot be too large so distance between the roof and top surface of the case is just 2.5 cm so I don’t know whether it is effective, I don’t know whether should remove that part.

\*I haven’t had any idea about the material for the case to use because I don’t have any knowledge about that. But I’ll also try to think about later.

\*I put the louvre window so that the hot air inside the case can go out while reducing the risk of water going inside the case. But I think it will be better if we also use Acoustic Mesh to cover the holes from inside so that the dust cannot enter.