# Print settings:

* Print material: PLA and TPU
* Rotation of the objects: No comment.
* Support: No
* Skirt, brim: Skirt.
* Infill: 50% for PLA and 20% for TPU
* Print the ‘Inner fan ceiling mount 01’ with the side of the pipe connection at the building plate so the parts where the magnets are located doesn’t need support.

# Additional instructions

* None

# Materials needed

* Filament. Started with ABS, but the adhesive between the layers of the used ABS was not strong and therefore switched to PLA
* 4 x Bolt M4 x 40 or 8 x M4 x 15
* 4 x Lock nuts M4 or 8 when using M4 x 15

# Log history

# Version 0.12

* Increased the airgap to have a better flow. Extended the legs of ‘Inner fan ceiling mount cover 03’ by 22mm and widened the sides with 10mm on all sides so the chance of looking into the gap is reduced

# Version 0.11

* Added the box for the ESP
  + ESP bottom 01
  + ESP Top 01
  + ESP side short cables in 01
  + ESP side short USB side 01
  + ESP side long 01

# Version 0.10

* ‘Inner fan ceiling mount cover matching the loose pipe model 03’ added magnets to mount the cover to the main part. This could be solved differently, by adding fix positions at the ‘Inner fan ceiling mount loose pipe model’ and use screws to connect. As my part was already printed I needed to reprint or adjust the cover. I chose to change the cover.
* After test printing the fitting between the cover and the other parts was too tight. Therefor the gaps were extended

# Version 0.9

* ‘Inner fan ceiling mount cover 02’ made the material around the magnet 2mm wider
* ‘Inner fan ceiling mount cover matching the loose pipe model 02’ made the material around the magnet 2mm wider
* ‘Inner fan ceiling mount cover matching the loose pipe model 02’ made the material around the magnet 2mm wider
* ‘Inner fan ceiling mount loose pipe model 02’ made the material around the magnet 2mm wider and enlarged the connection to the tube by 0.2mm
* Changed the material from ABS to PLA as the ABS doesn’t deliver a solid layer for both test prints of ‘Inner fan ceiling mount loose pipe model 02’ and the pipe
* ‘Inner fan ceiling mount loose pipe of loose pipe model 02’ enlarged to snug fit better the outer diameter to 59.05 mm
* ‘Inner fan ceiling mount loose pipe model 02’ Removed the holes in the outer rim as they will not fit with the old holes in the concrete

# Version 0.8

* ‘Inner fan ceiling mount 02’ adjusted the mounting holes to fit the available M2.9x25mm screws
* Added additional mounting holes for the case that the outer mounting holes will not fit. Inner fan ceiling mount loose pipe model 02’
* Added a new model which makes the printing easier and future upgrades. The pipe fitting into the 125mm pipe (‘Inner fan ceiling mount loose pipe model 01’ ) is now a separate part which will be screwed upon the ‘Inner fan ceiling mount loose pipe model 01’.
* Modified the ‘Inner fan ceiling mount cover matching the loose pipe model 01’

# Version 0.7

* ‘Inner fan ceiling mount 02’ Moved the cable guidance gap to the other side to ensure a shorter path
* ‘Inner fan ceiling mount 03’ adjusted the diameter of the 62mm circle to fit it into the 62,5mm wide pipe. The width of the pipe is 3mm, hence this part needs to fit in
* Added cover ‘Inner fan ceiling mount cover 01’

# Version 0.6

* Added ‘Connection fan extended 01’ to fit the new dakdoorvoer.

# Made

# Version 0.5

* Added ‘Inner fan ceiling mount cover 01’
* Made small adjustments to ‘Inner fan ceiling mount 02’

# Version 0.4

* Added ‘Inner fan ceiling mount 01’

# Added ‘ring TPU

# Version 0.3

* Added ‘air valve 01’
* Added ‘ring TPU 02’ for in the 125mm 90 degree curve which doesn’t have a rubber closing ring
* Added ‘seal for fan’.
* ‘Connection fan 03’ and ‘Connection fan 03 with straith end at circle’ Made the holes for the bolts wider for a better fit to 2.3mm

# Version 0.2

* The ‘Connection fan 01’ fitted too tight and broke the circle from the base when removing from the 90’ curve. Reduced the diameter from 62,5 to 62mm
* Made the last part of the circle slightly curved to the inside to ensure an easier slide in.

# Version 0.1

* First release