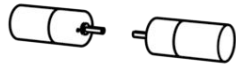


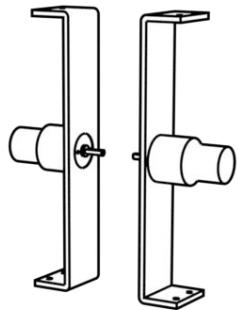
# HealthOS Ventilator Assembly instructions

V 0.5

# Motors

12V electric motors with a 60RPM  
gear reduction

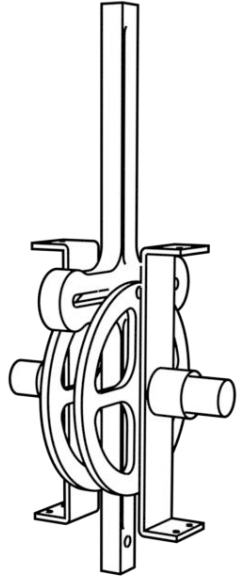




# Brackets

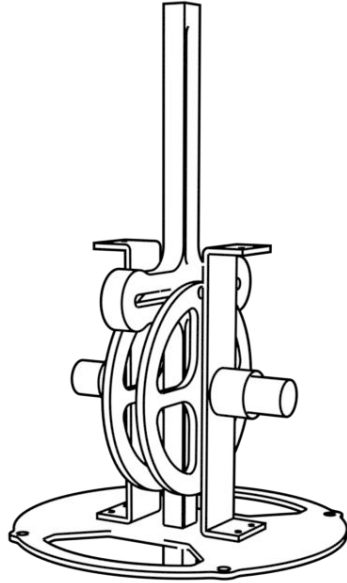
Push the motors into the mounting tubes.

Add glue if necessary to hold in place



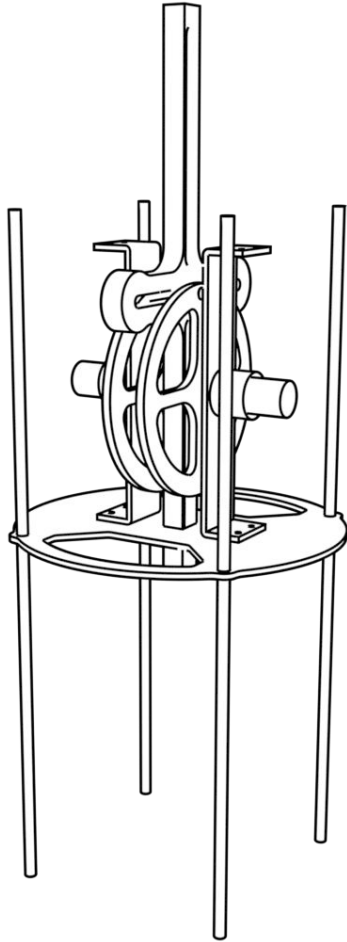
## Disc and Plunger

Connect the discs to each motor mount and use M8 threaded bar to connect through plunger slot.



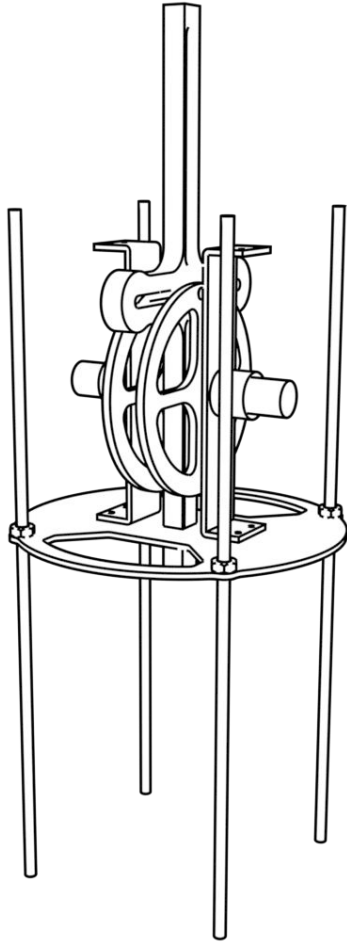
## Middle Plate

Screw the brackets onto the middle plate



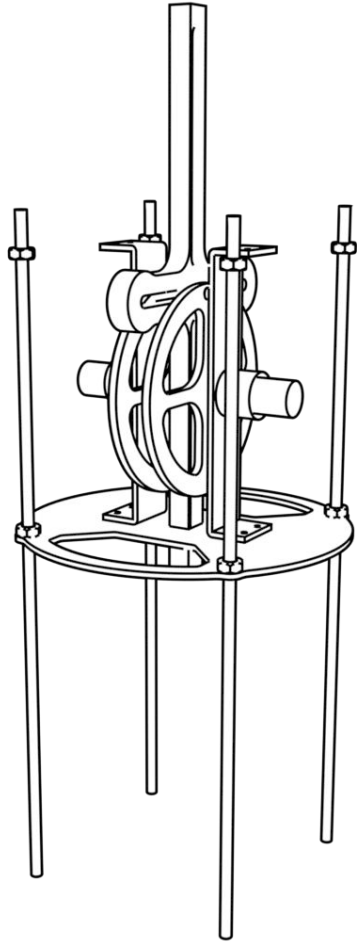
# Threaded Rods

Insert threaded rods through plate



# Nuts

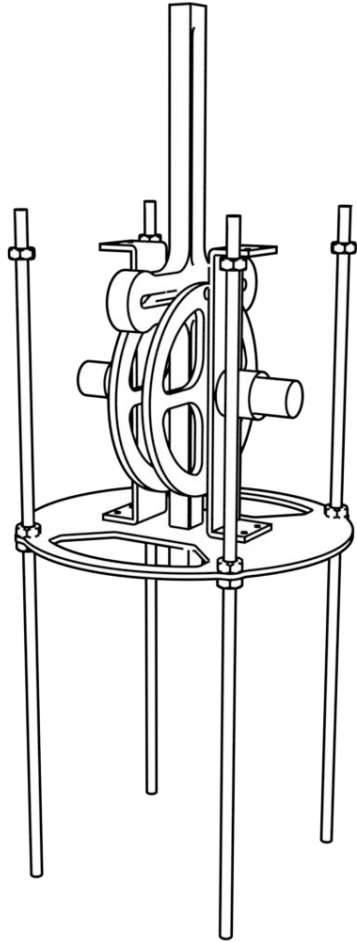
Add nuts to threaded bars



## Nuts

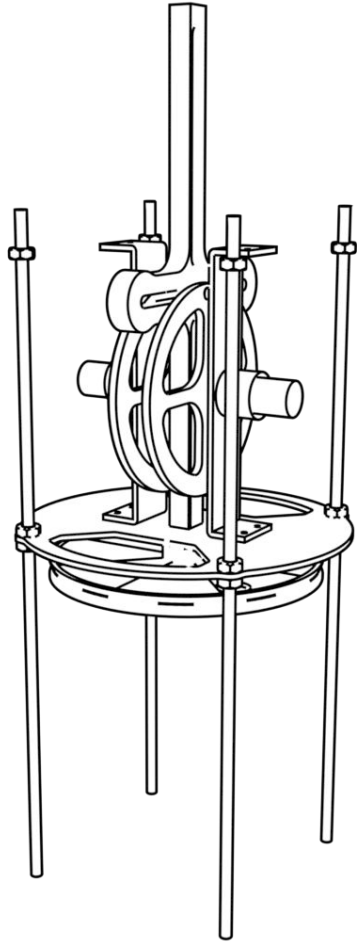
Add four more nuts to support top plate





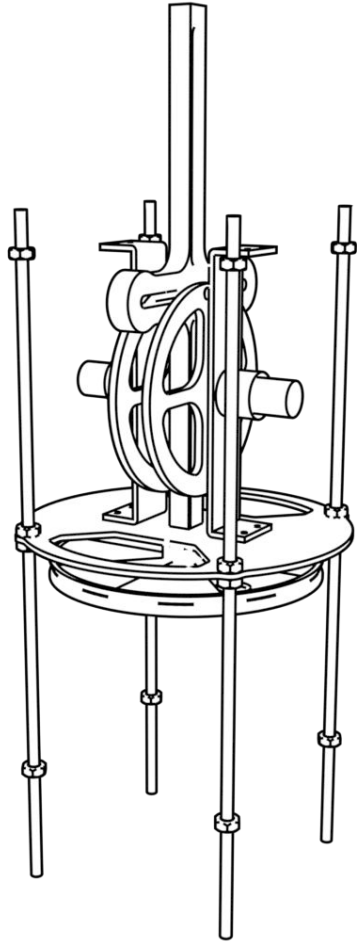
## Nuts

Add four more nuts to support middle plate



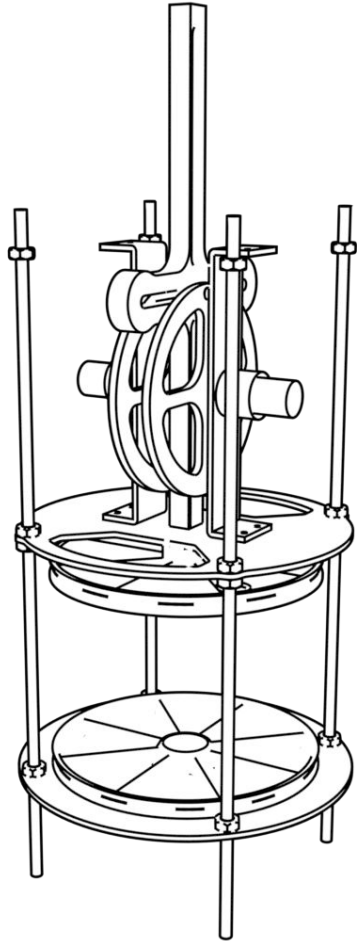
## Top Bellow Plate

Connect the top bellow plate to the plunger



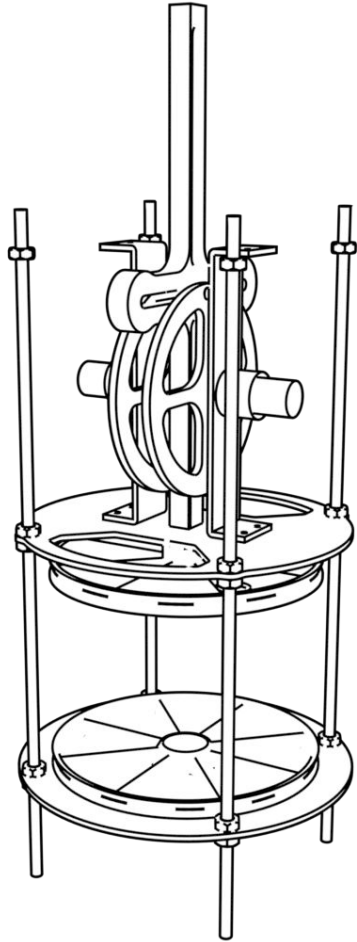
# Nuts

Add four more nuts to the threaded bars



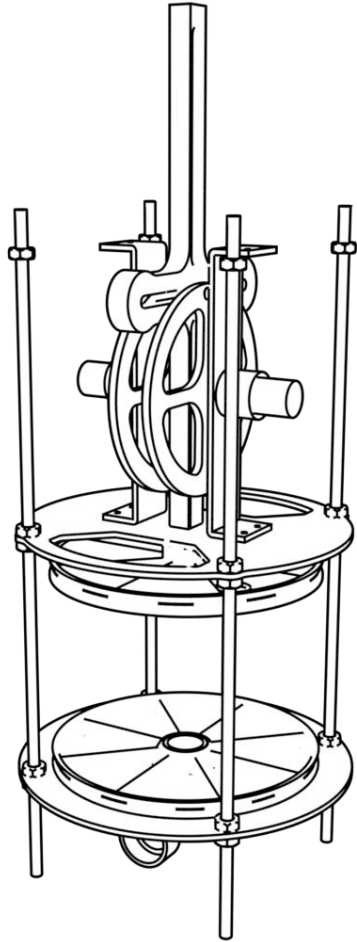
## Lower Bellow Plate

Add the lower bellow plate



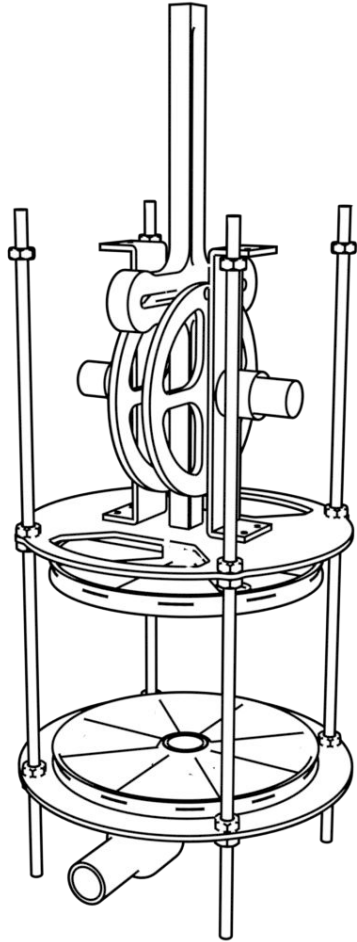
## Nuts

Add four more nuts to support the bellow plate



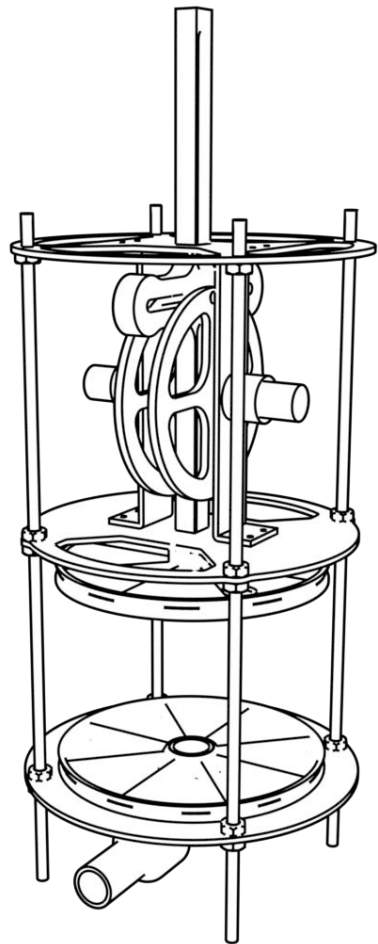
## Exit Pipe

Insert the exit pipe under the lower plate



# Valve

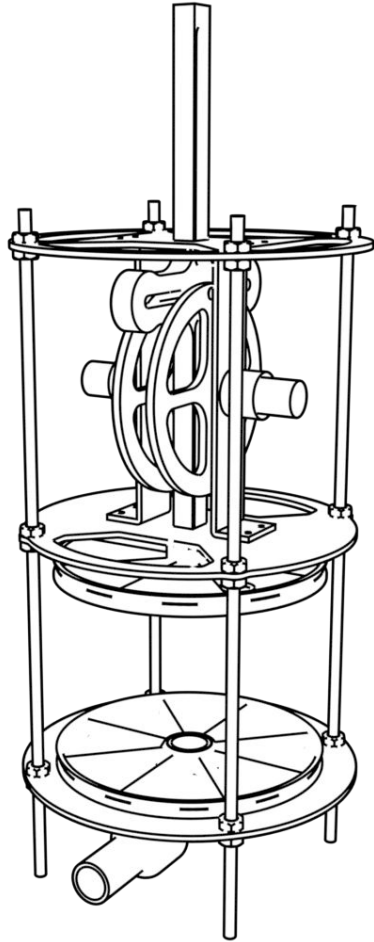
Connect valve to exit pipe



# Top Plate

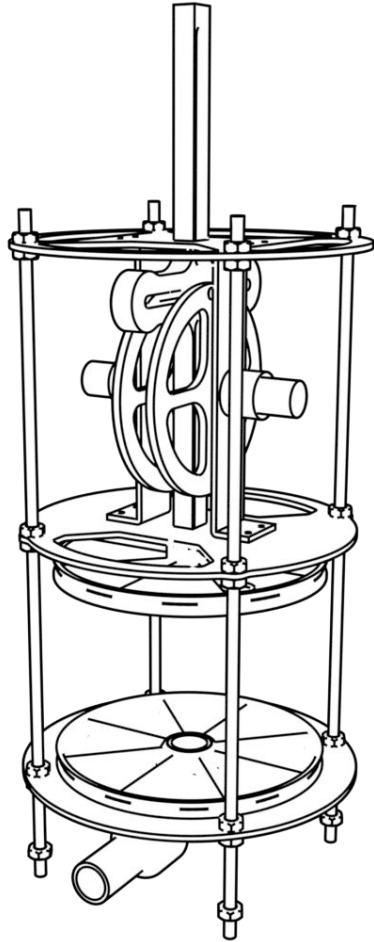
Add top plate





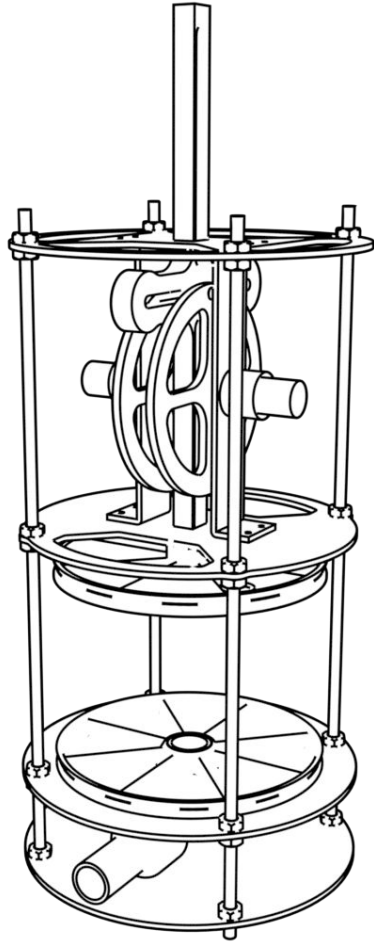
# Nuts

Add nuts to secure top plate



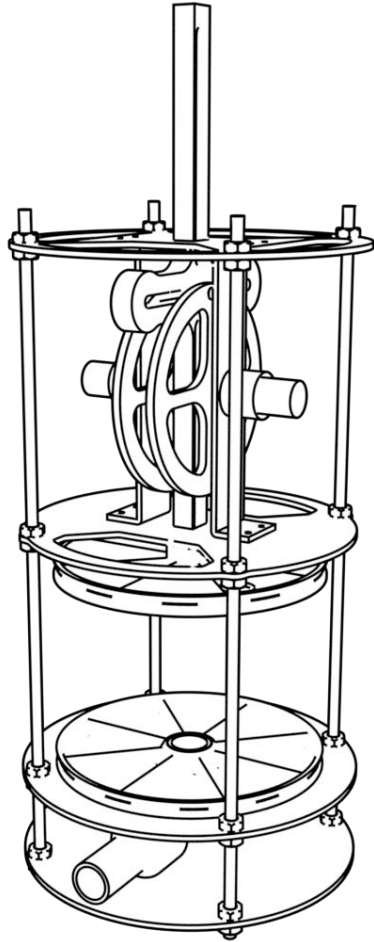
# Nuts

Add four more nuts to threaded bar



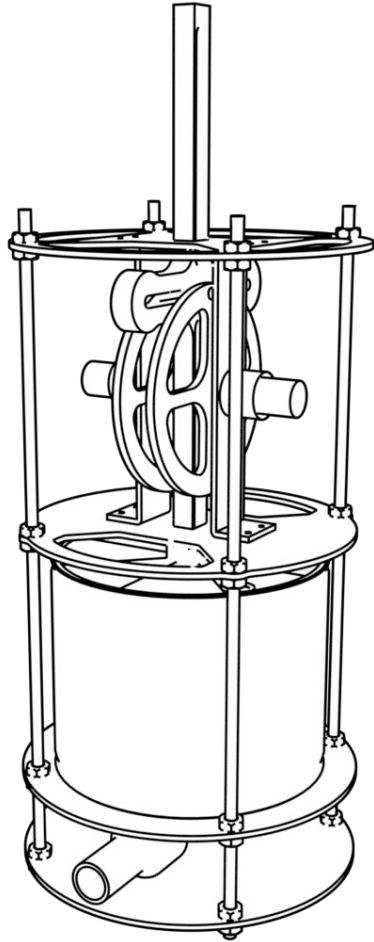
# Bottom Plate

Add bottom plate



# Nuts

Secure bottom plate with four more nuts



# Bellow Membrane

Secure bellow membrane with zip ties