

The background features abstract, overlapping geometric shapes in various shades of blue, ranging from light sky blue to deep navy blue. These shapes are primarily located on the left and right sides of the frame, creating a modern, architectural feel. The central area is a plain white space where the text is located.

# System design

Marvin Ingi Einarsson

# Location

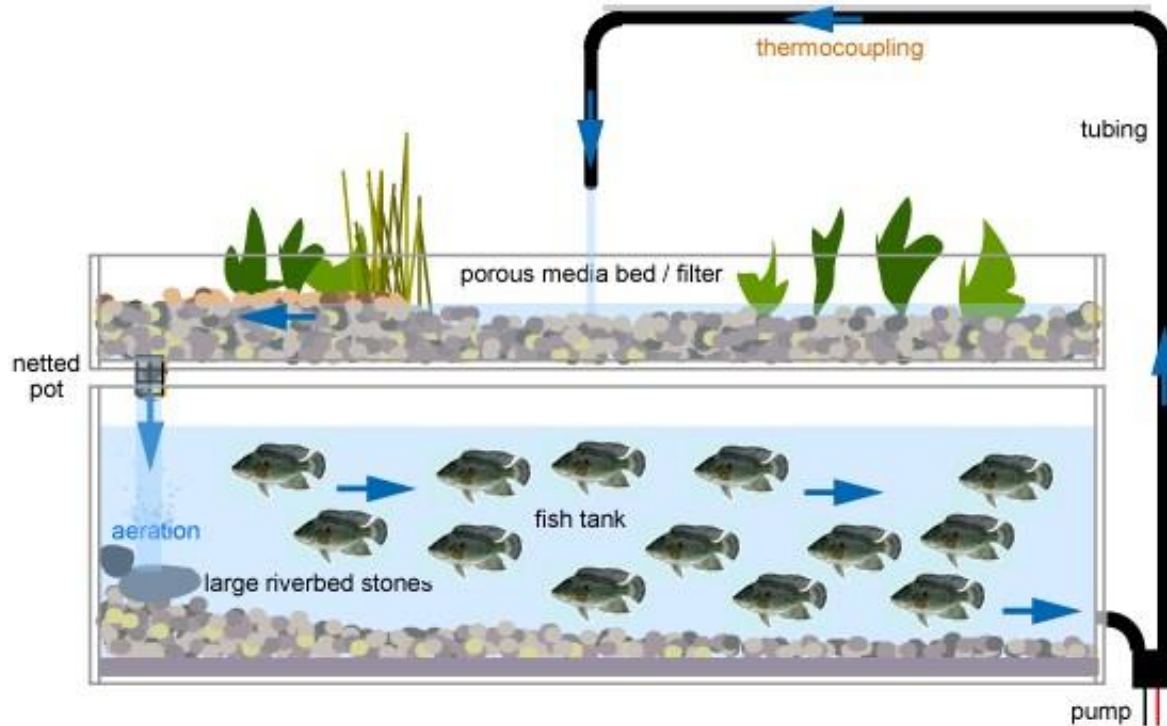
- Industrial buildings
  - Lighting is needed
  - Good heat control
  - Good use of space
- Greenhouse
  - Sunlight
  - Temp swing
  - Expensive heating



# Aquaponic System Designs

- ☐ Media-Based Growbed
- ☐ Raft System
- ☐ NFT (Nutrient Film Technique)
- ☐ Towers
- ☐ VertiGro

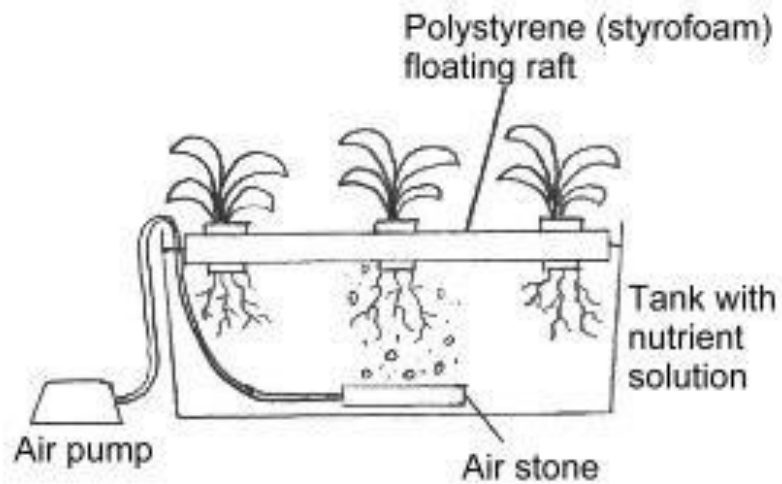
# Media-Based Growbed







# Raft system







# Nutrient Film Technique





# Towers

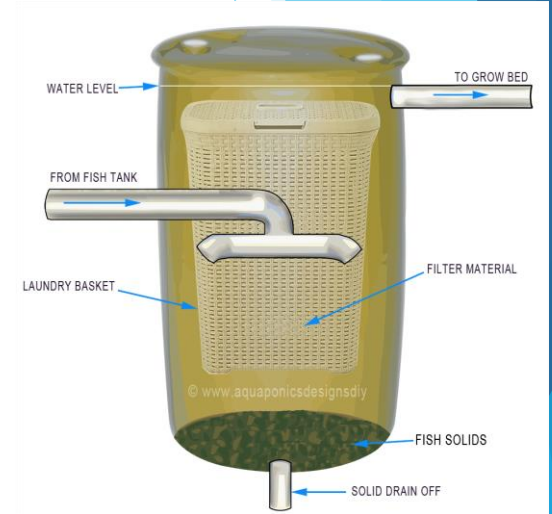
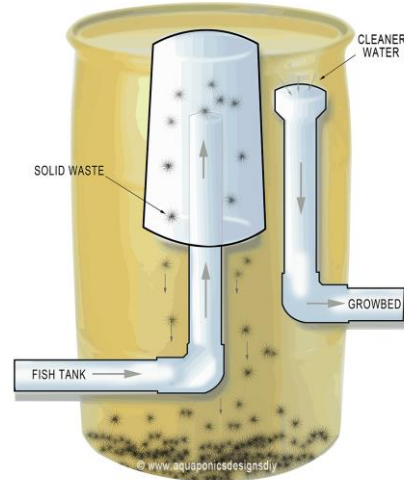


# VertiGro



# Filtration

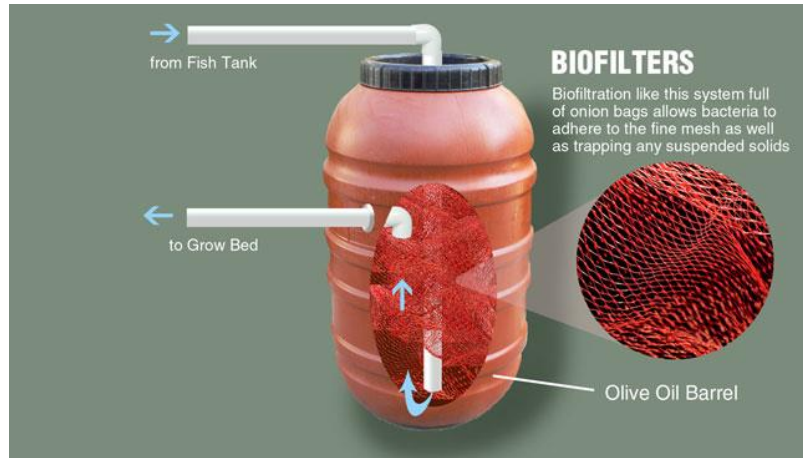
- Solid removal filter
  - Aquarium filter
  - Barrel filter
  - Settling tank
  - Drum filter



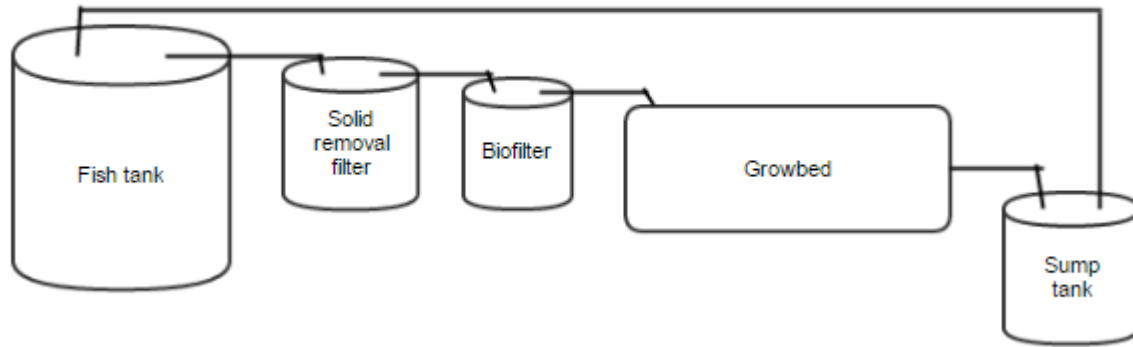


# Filtration

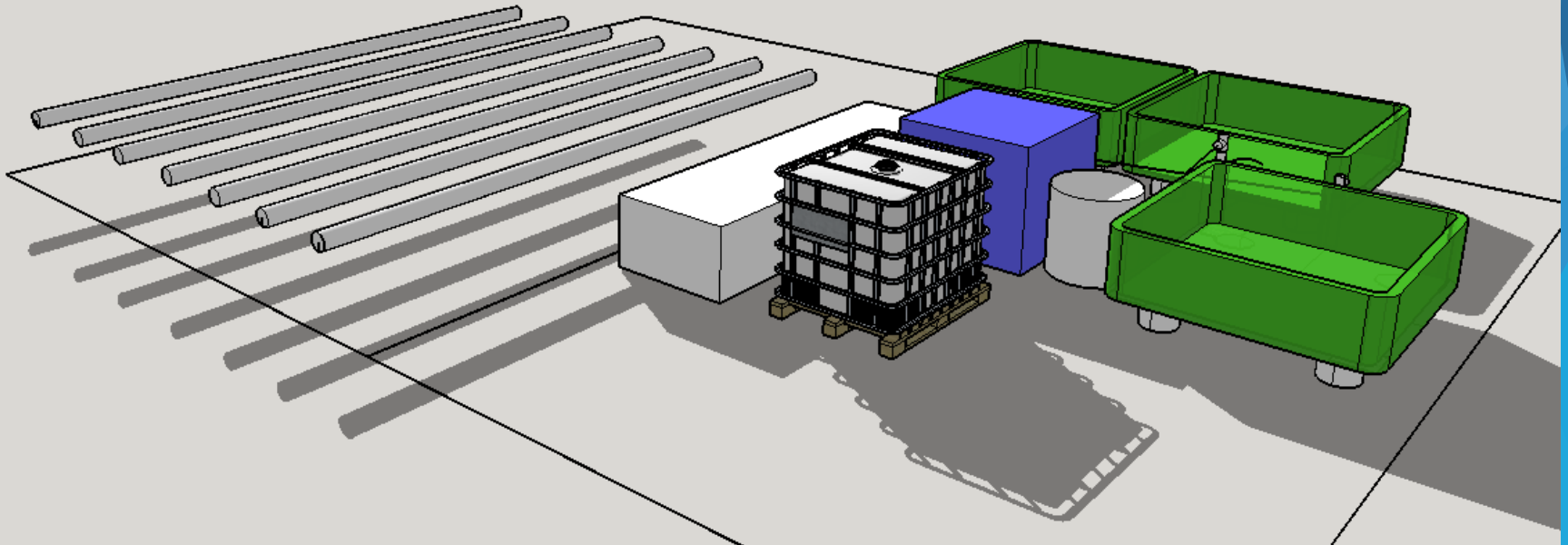
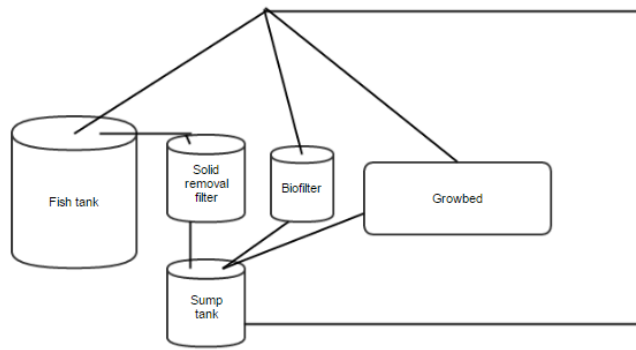
- Biofiltration
  - Media
  - Bead filter



# Setup



# Akur





Akur

00 The image cannot be displayed.

00 The image cannot be displayed.

