

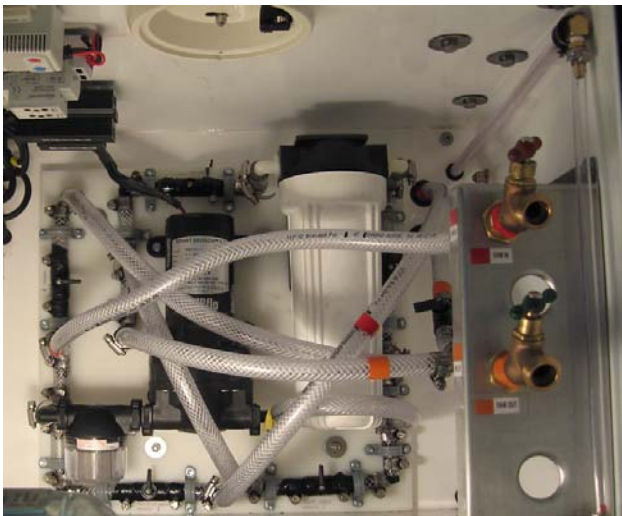
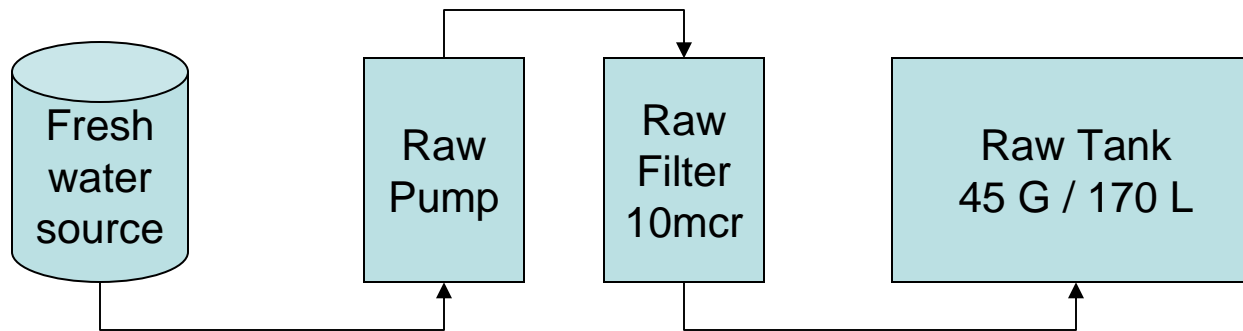
# Hackney Fuso Basecamp Expedition Vehicle

## Water System Overview

# Fresh Water System Overview

- 45 G / 170 L Raw Water Capacity
- 32 G / 122 L Fresh Water Capacity
- 77 G / 292 L Total Water Capacity
- Raw water filtered to 10 microns
- Fresh water filtered to 1 micron
- Fresh water sterilized via UV

# Raw Water Provisioning Mode



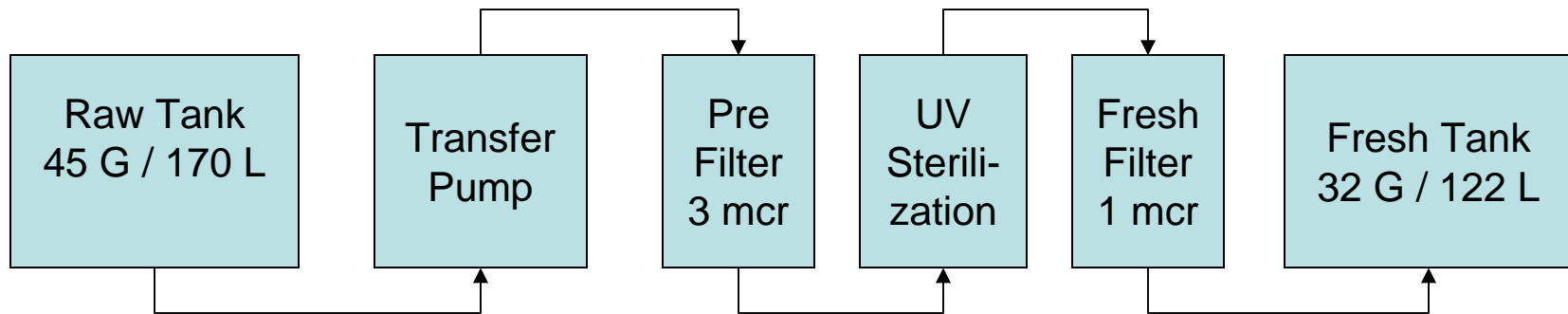
Raw water pump and filter assembly



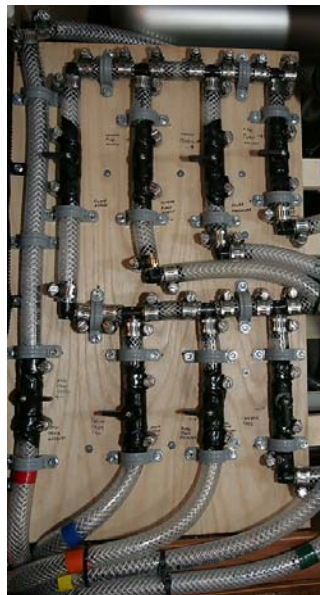
Raw water provisioning  
Argentina (above), Chile (right)



# Fresh Water Provisioning Mode



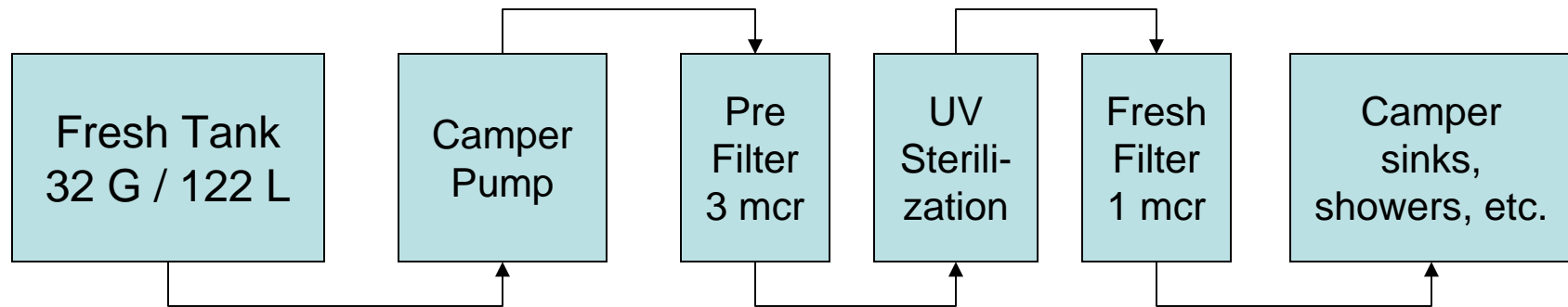
Fresh water  
valve array



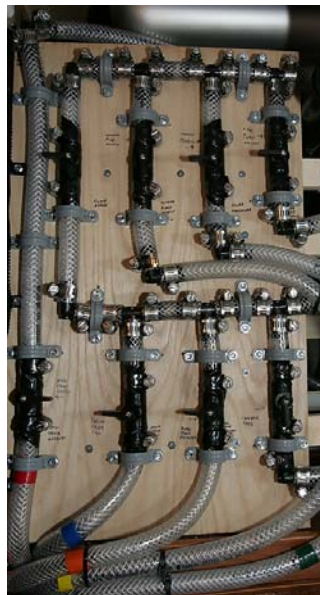
Fresh water transfer pump  
and UV filter assembly



# Fresh Water Distribution Mode



Fresh water  
valve array



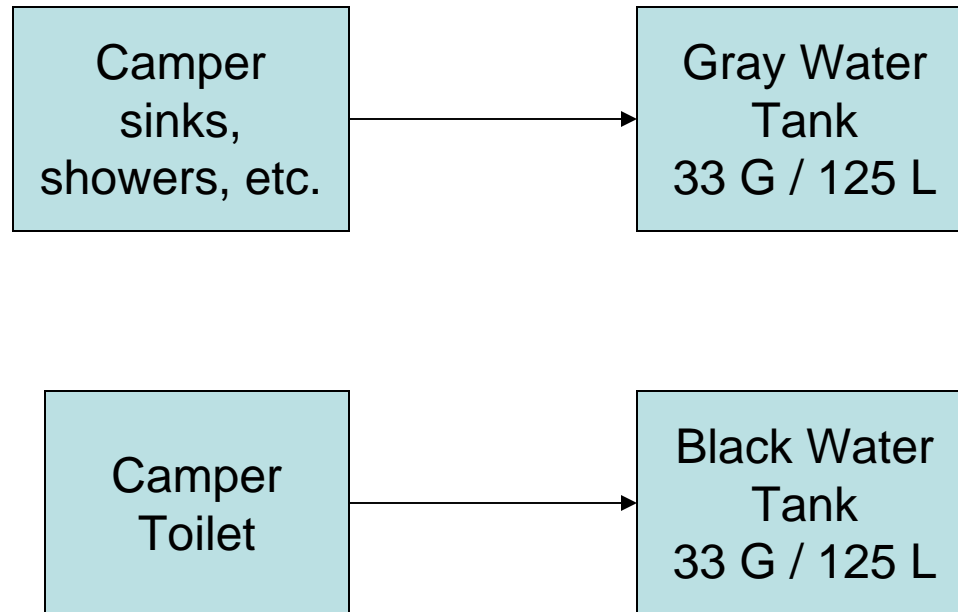
Fresh water transfer pump  
and UV filter assembly



# Waste Water Overview

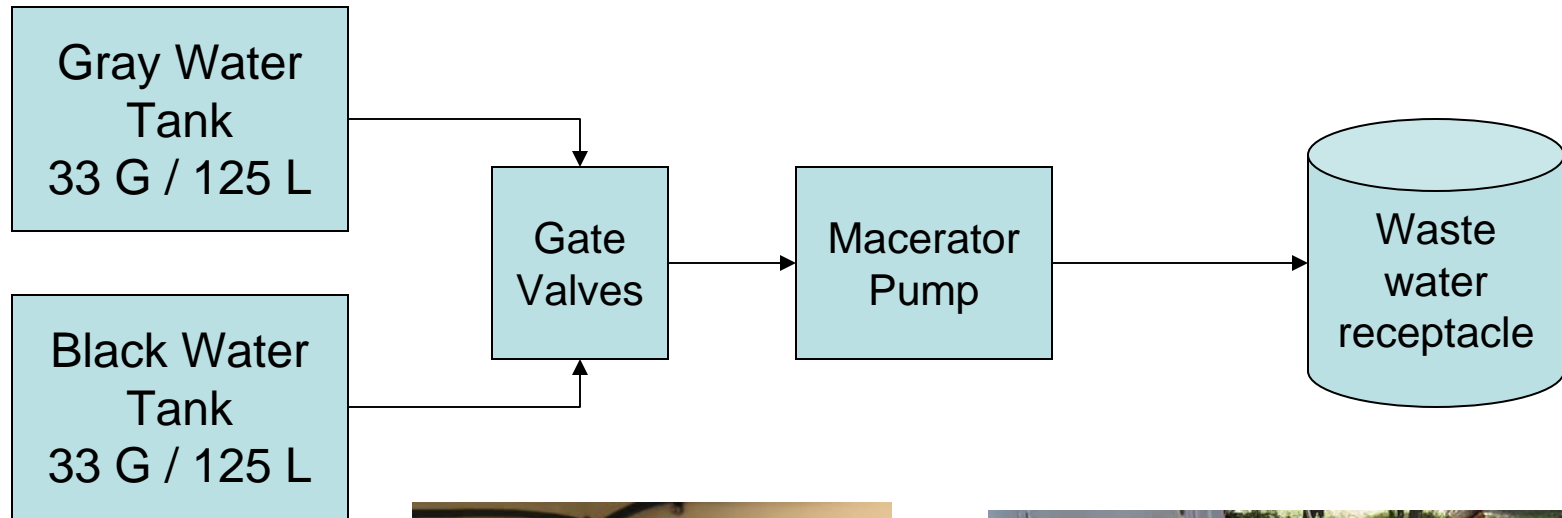
- 32 G / 122 L Gray Water Capacity
- 32 G / 122 L Black Water Capacity
- 64 G / 244 L Total Waste Water Capacity
- Macerator pump system for disposal
- Macerator capable of pumping waste water up to 75 ft / 33 m

# Waste Water Collection Mode

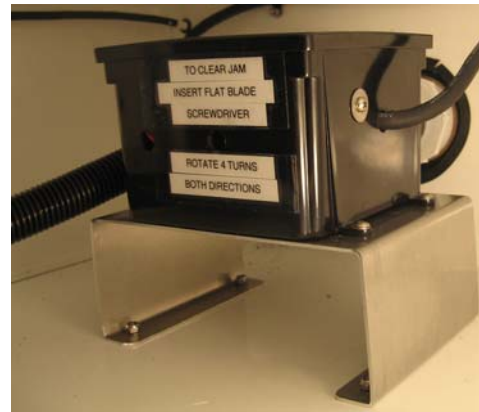




# Waste Water Dump Mode



Waste water input  
to macerator pump



Macerator Pump



Macerator output hose deployed