



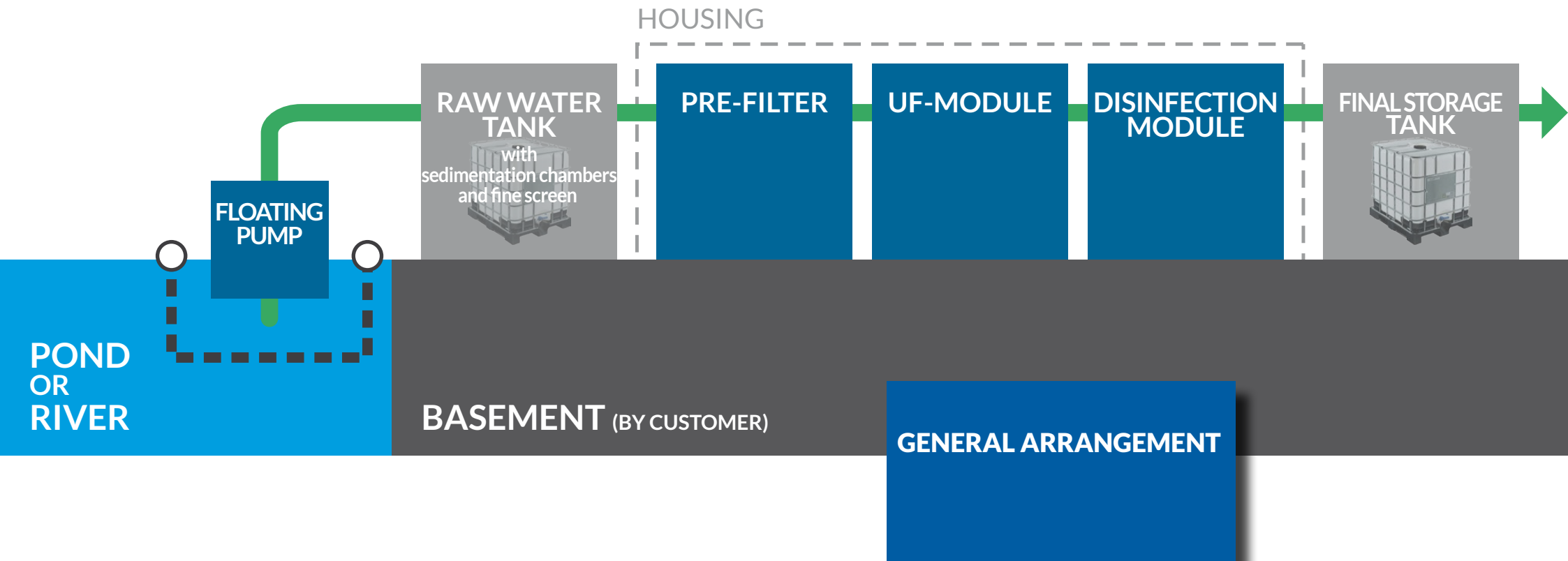
**ULTRAFILTRATION
SYSTEM**
UFS 1000 LPH

ULTRAFILTRATION SYSTEM

UFS 1000 LPH

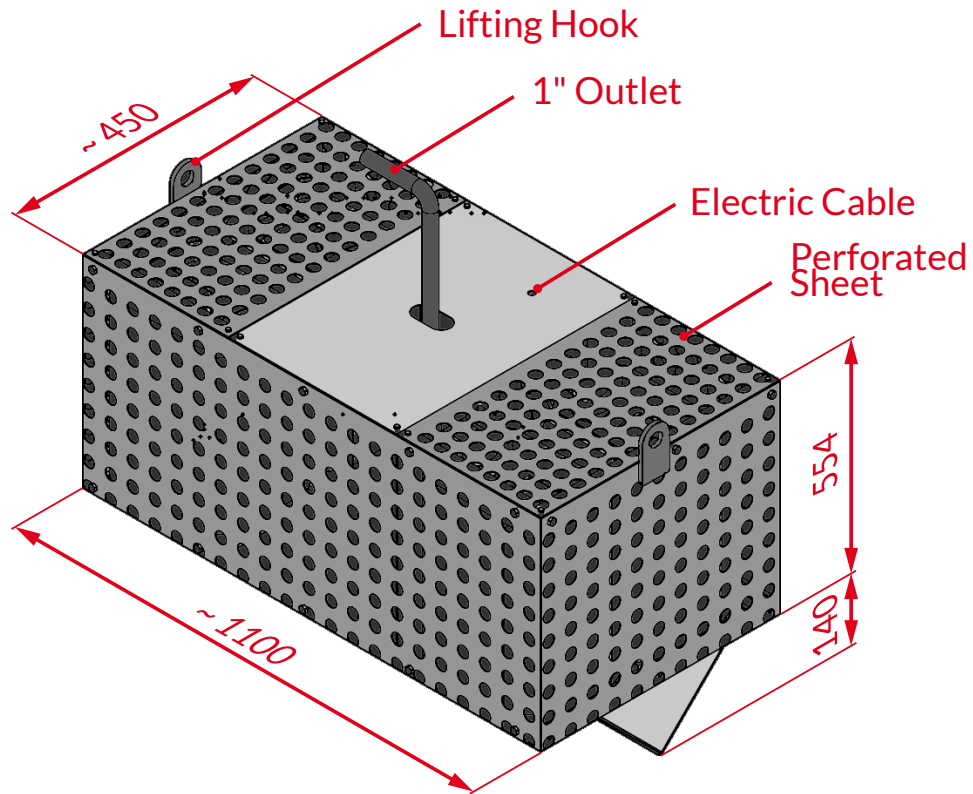
► Compact Ultrafiltration unit to reduce turbidity, suspended solids and macromolecules (including certain bacteria and viruses)

► Net filtrate capacity: 1 m³ /h



ULTRAFILTRATION SYSTEM

UFS 1000 LPH



DETAILS

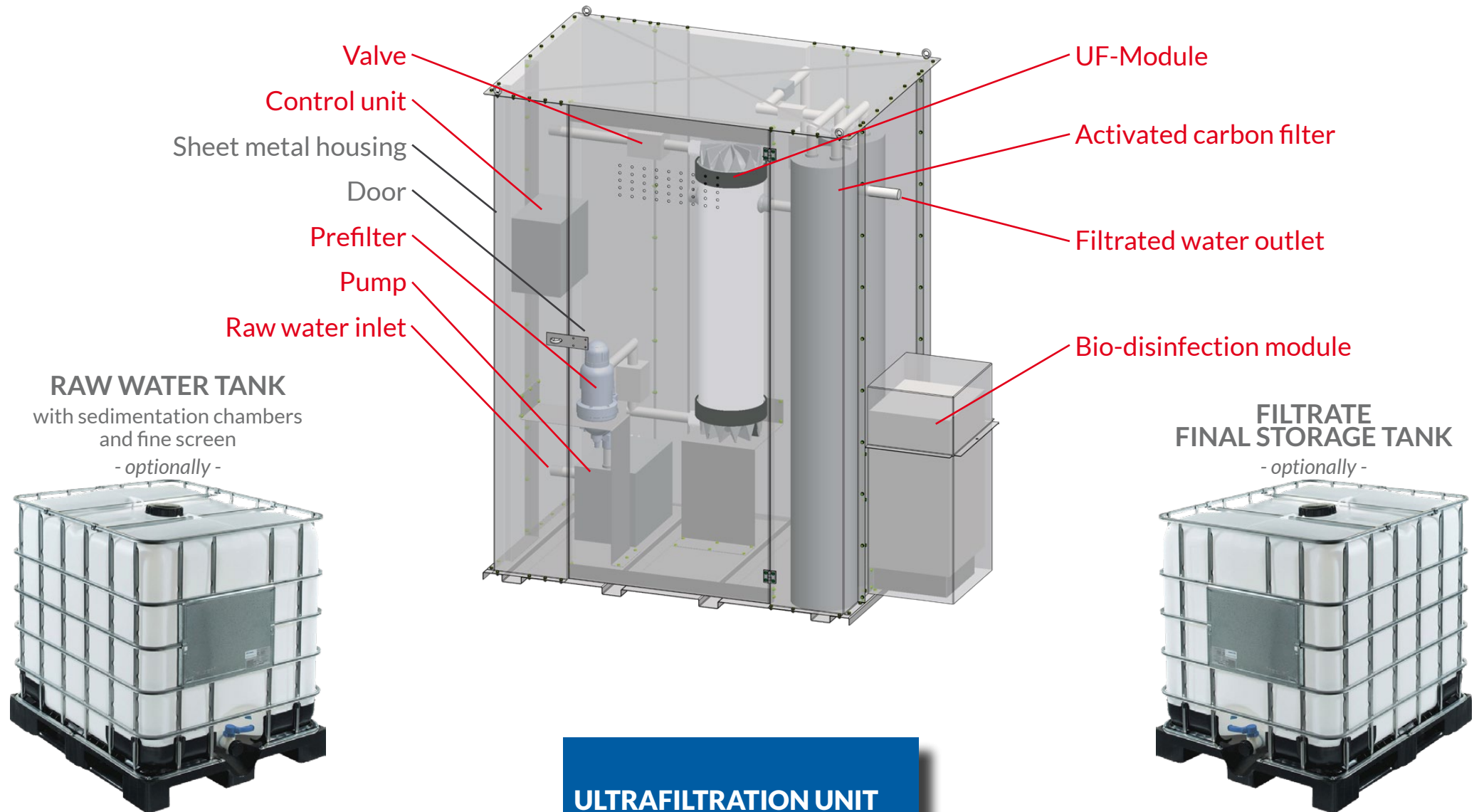
- FLOATING PUMP
Capacity: 40-80 l/min @ 30m
Rated Voltage: 220V, 50Hz

mounted in
- COARSE SCREEN BOX
made of perforated sheets

FLOATING PUMP UNIT

ULTRAFILTRATION SYSTEM

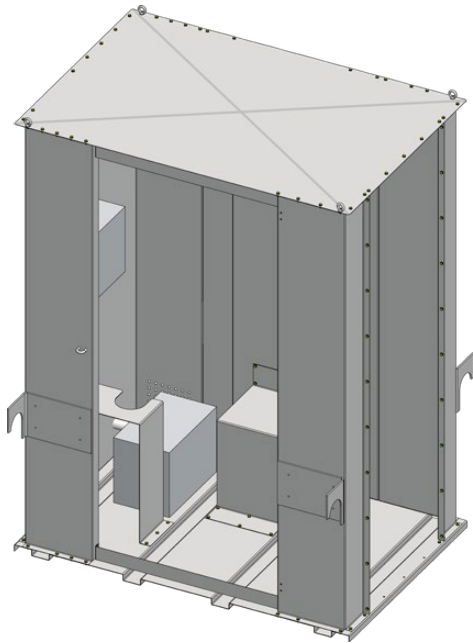
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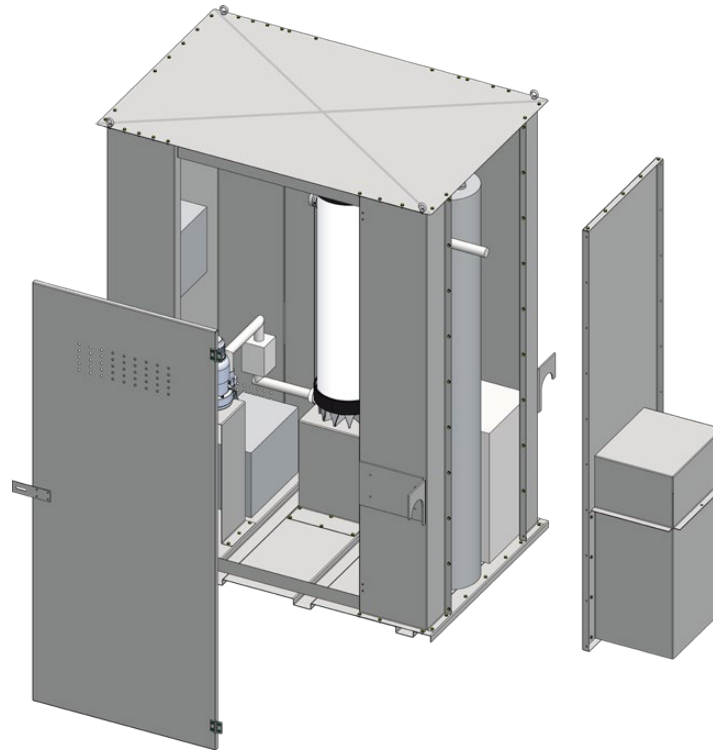
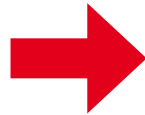
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► Transport and assembly (for use at extraction points without vehicular access)

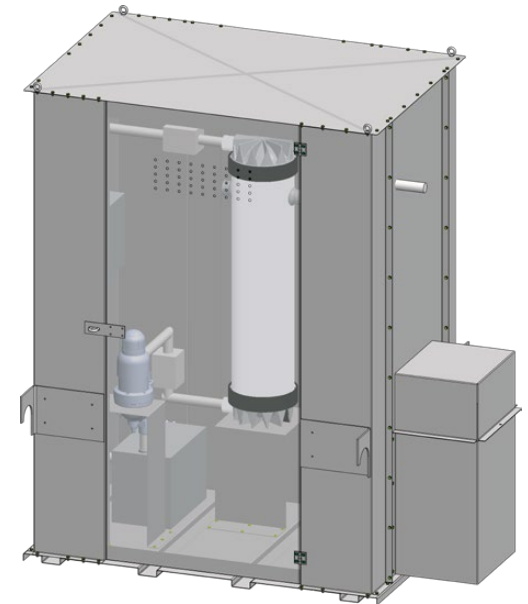


Transport of single components
to the extraction point
- heaviest single part ~150kg -



Assembly of

- Ultrafiltration Module
- AC-Filter
- Prefilter
- Sidewall with Bio-disinfection module
- Door



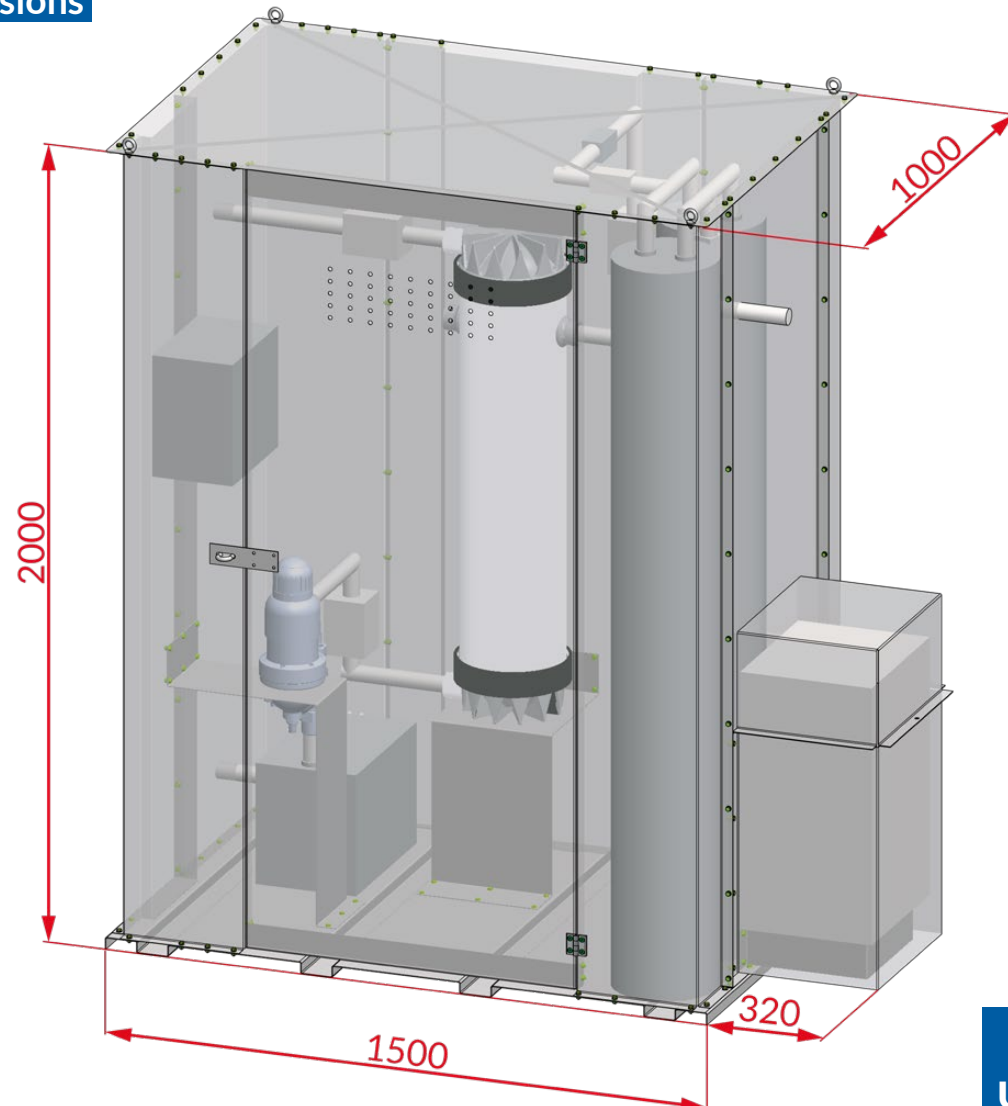
Mounting of housing
- total weight (unfilled) ~300kg -

ULTRAFILTRATION UNIT

ULTRAFILTRATION SYSTEM

UFS 1000 LPH

► Dimensions



EXTENDED NOTES ON WATER PURIFICATION

- The UF-Unit will not reduce dissolved solids, salts or other dissolved components like pesticides, heavy metals or other chemicals.
- To reduce this dissolved components, we recommend to use a coagulant dosing system and flocculator system (optional available) as a pre-stage to the UF-Unit.
- Fat, grease, oil, petrochemical products etc. also have to be removed before the UF-unit.
- We strongly recommend to analyze the raw water and the filtrate on a regular basis and also at events that might change the raw water consistence (like rainfalls, flood events, accidents that release hazardous or harmful substances to the water intake area etc).

ULTRAFILTRATION UNIT