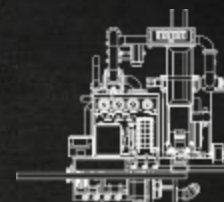
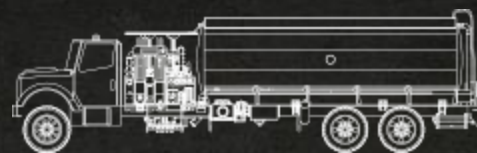
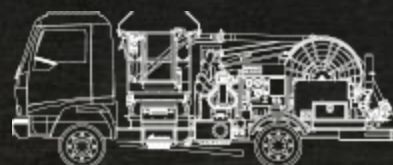
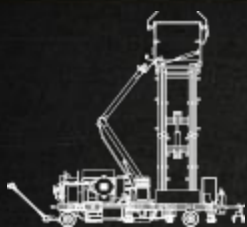




TM

FUELING SYSTEMS

RELIABILITY | SUPPORT | DELIVERY





# BETA NBC History

- BETA developed and built thousands of NBCs over the last 50 years.
- FWS are much heavier and need to be designed specifically for the extra weight.
- Weight distribution needs to be balanced.





# Weight Distribution



The "Carolina Squat"



# BETA NBC Serviceability

- Open design and construction for easy service
- Side Mounted hose reel allows more room for service
- Parts are accessible without disassembly
- Great service team with over 50 years of experience

COMPACT

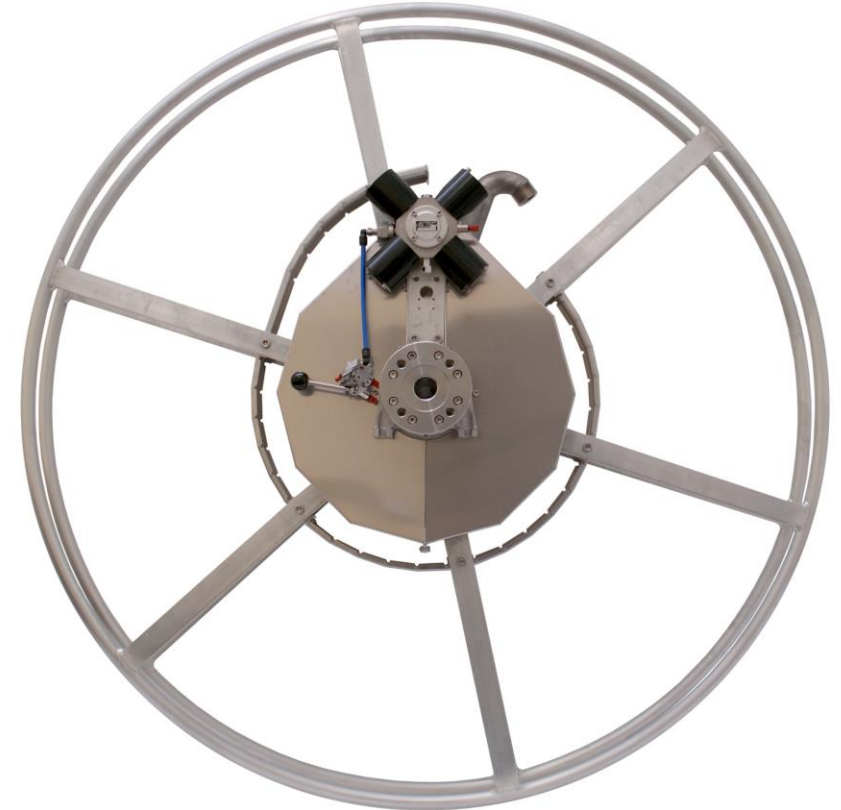
SERVICE





# Lightweight Aluminum Hosereels

- Customizable hose reels for many applications
- Lightweight Aluminum
- Hydraulic/Pneumatic/Manual options





# BETA Aluminum Filter Vessel

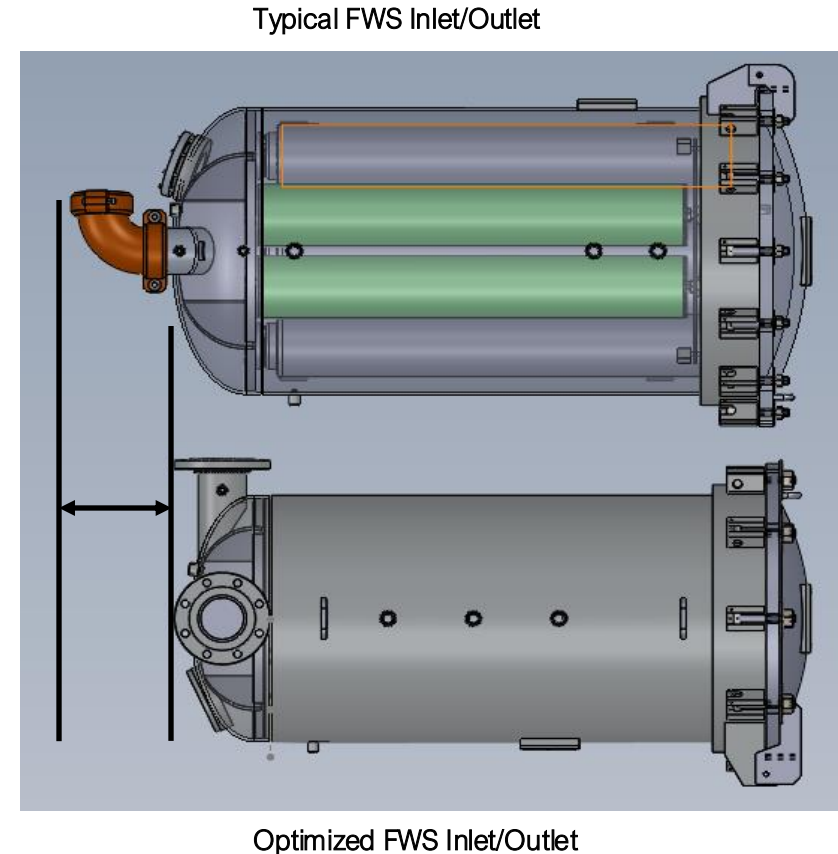
- Lightweight Construction
- Maintenance free aluminum filter water separators
- No Epoxy Coatings
- No Rusting or Delamination of the Epoxy coating





# BETA Aluminum Filter Vessel

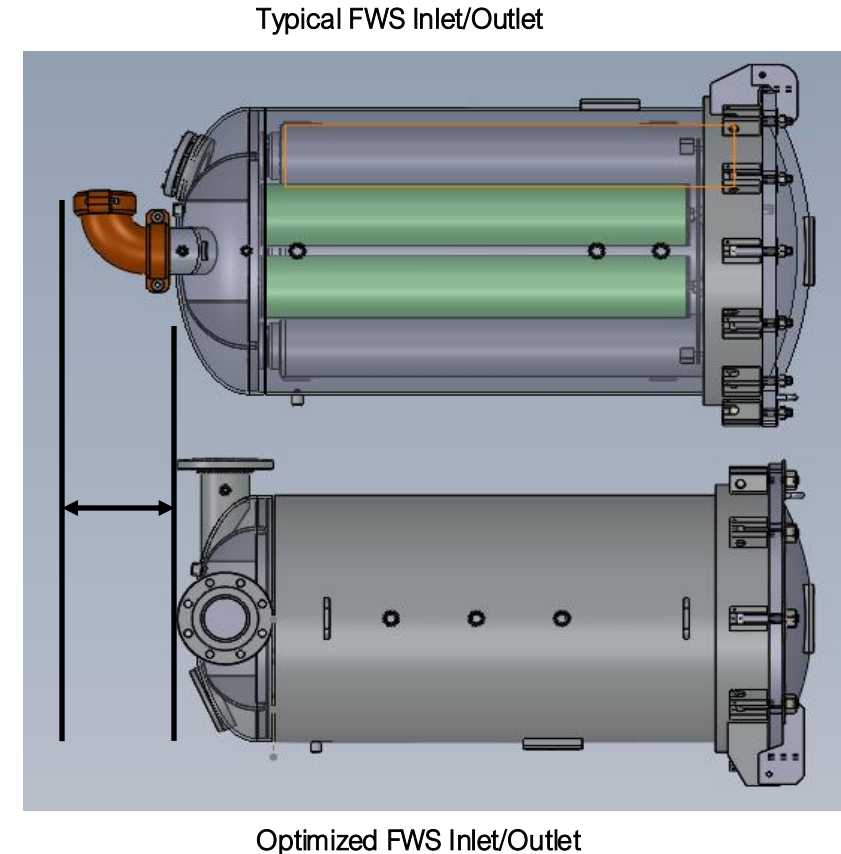
- BETA has optimized space savings (example shows >10" savings)
- Custom vessel designs for other OEMs
- Custom vessel designs for End Users to optimize space savings (Retrofit to remove smaller Monitor vessels)





# BETA Aluminum Filter Vessel

- BETA has optimized space savings (example shows >10" savings)
- Custom vessel designs for other OEMs
- Custom vessel designs for End Users to optimize space savings
  - **Custom Filter-Separator**
  - **Compact FW24**
  - **CDF-X**
  - **Dirt Defense + EWS**







# BETA Aluminum Frame and Bumpers

- Lightweight Aluminum Frame
  - Military Grade Aluminum Channel
  - Improves the vehicles stopping distance
  - Reduces excessive brake wear
- Modular Bolt-on replaceable bumpers in the event of an impact





# Alfons-Haar Adjustable Venturi

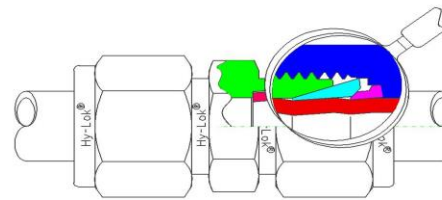
- The venturi allows for different nozzle configurations
- The venturi also allows for different hose diameters and lengths.



# Stainless Steel Tubing and Fittings

- Consider the type of fittings and connections (Not all fittings are the same)
- Double ferrules Features :
  - Compensate for tube variations and thermal shock
  - Are gauge able to ensure proper installation
  - Do not cut, score, bite, or otherwise modify the structural integrity of the tube
  - May be connected and reconnected many times

## BETA Stainless Steel Double Ferrule Design



## Single Ferrule / Nylon Synflex Design



# Extra Features

Covers for regulators to prevent tampering



Stainless steel service valves for pressure relief and air eliminators

Centralized drain gallery

