

System Sizing Questionnaire

Company Name: _____

Site Location: _____

Application: _____ (Aquaculture, Hydroponics, Zoo/Aquarium, Etc.)

- Desired Water Temp: Min: _____ Max: _____
- Total System Volume: _____
- Heating, Cooling, or both: _____
 - If both, is heating and cooling needed simultaneously (Y/N): _____
- Type of Aquatic System (RAS, Flow Thru, Hybrid, etc.): _____
 - Filtration Loop Flow Rate: _____
 - Flow-Through/Exchange Rate: _____
 - Flow-Through/Exchange Temp: Min: _____ Max: _____
- Freshwater or Saltwater: _____
- Power Sources:
 - Electric: _____ Voltage / _____ Phase
 - Fuel: Natural Gas: _____ / Liquid Propane (LP) Gas: _____
- Aquatic System Indoors or Outdoors: _____
 - Temp control equipment to be placed indoors or outdoors: _____
 - Space for Temp Control Equipment (LxWxH): _____
 - If indoors, what is building type (concrete, Clearspan, greenhouse): _____
- Single Temperature Point or Multiple Temperature Points: _____
 - If Multiple, how many: _____
- Desired Heat Exchanger Location(s) (Sump, Inline with filtration, in tank): _____
 - Min/Max New Water Temp: _____
- Outdoor Ambient Air Temp (Min & Max): _____
 - If aquatic system indoors, min/max indoor air temp: _____
- Tank Construction (FRP, Steel, Concrete): _____
 - Insulated (Y/N): _____
 - Inground or above ground: _____
 - System Layout Drawing Available (Y/N): _____
 - Tanks to be covered or Tented: _____
- Number of Tanks (Include sumps): _____
 - Tank Style 1 Dimensions & Water Volume: _____ # Tanks this type: _____
 - Tank Style 2 Dimensions & Water Volume: _____ # Tanks this type: _____
 - Tank Style 3 Dimensions & Water Volume: _____ # Tanks this type: _____
 - Sump Dimensions & Water Volume: _____ # Tanks this type: _____

(If more tank types, please provide system drawing or explain in notes at bottom)
- Desired Rate of temperature change @ min/max ambient (1°/hr, 1°/4hr, etc.): _____

(When heating/chilling, how fast do you need to be able to change the system temperature?)
- Desired Equipment (Select as many options as you would like):
 - HydroMarine DX Chillers or Heat Pumps
 - NG/LP Gas Boiler Skid system
 - Centralized Heating/Chilling
 - Hybrid Electric/Gas system
 - No Preference



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Additional Details: