AquaPak™ Booster System Worksheet

DATE:			
JOB NAME:			
LOCATION:			
TYPE OF BUILDING:			
Name:			
Title:			
Company:			
Address:			
City / State / ZIP:			
Phone:			
FAX:			
E-Mail:			
Total System Demand[1]:			GPM
Pressure Required		PSI	Feet
	Static lift (from pump discharge to highest fixture)		
	Pipe friction loss (including horizontal and fittings)		
	Loss through building fixtures and equipment[2]		
	Residual Pressure (at highest outlet)		
	Pressure drop through package	5.0	11.5
	Total Pressure Required (A)		
Pressure Available			
	Minimum suction pressure available (at water meter)		
	Static loss (gain) from meter to pumps		
	Pipe friction loss	-	-
	Loss through water meter	-	-
	Loss through backflow preventer	-	-
	Total Pressure Available (B)		
Differential Pressure (boost required) **(A-B)**			
Voltage / Phase / Hz			

Questionnaire:	
1. What is the *maximum* anticipated pressure at the water meter?	PSIG
2. Where will the unit be installed?	❑ Indoor ❑ Outdoor
2a. If OUTDOOR, describe environmental extremes[3]:	
2b. Will the unit require its own enclosure?	❑ YES ❑ NO
3. Are periods of NO demand anticipated?	❑ YES ❑ NO
3a. If Yes, approximate number no-flow hours per year:	HOURS
3b. What is the average cost per kW·h where installed?	$
5. Are the owners / clients primarily interested in:	❑ Lowest initial cost ❑ Lowest operating cost ❑ Longest equipment life ❑ No preference
6. Are there any space limitations?	
7. What piping material will be required?	❑ Copper ❑ Stainless steel ❑ Galvanized ❑ Fusion epoxy bonded steel ❑ Other
8. Please list any special requirements for this installation:	

NOTES:

1. Convert fixture units to GPM per local plumbing code.
2. Including pressure drop through water softeners, mixing valves, etc.
3. Temperature, wind, snow loads, etc.