

Pump Fed Central System Planning Tool Worksheet

Use this worksheet to summarize the information that you will be asked to enter into the Planning Tool settings. The Planning Tool and further details and explanations are available at...

www.laffertyequipment.com/tools/pump-fed-central-system-planning/

- This tool plans for up to 2 foaming chemicals and 1 sanitizing chemical. If additional foaming or sanitizing chemicals are desired, use the tool separately for each set of 3 chemicals.
- Use the table to list the applicators you plan to install
 - Choose from Foamers / Sanitizers / Rinse Stations / Hose Drop Stations and indicate how many of each model are likely to be used simultaneously.

Model Number	Description	Number of Units Required	Units Running Simultaneously

- List your rinse water pressure(s)
 - If no rinse is desired, leave the default values in the tool (they will not affect other calculations).
 - City water pressure? ____ PSI (*Acceptable range is 35-125 PSI*)
 - Boosted water pressure? ____ PSI (*Acceptable range is 125-350 PSI*)
 - High water pressure? ____ PSI (*Acceptable range is 400-1000 PSI*)
- List the output pressure of the pumping system(s)
 - Lafferty AODD Pumps are pre-set at 65 PSI. If you plan to use a Lafferty Pump, use the default value of 65 PSI. If you are using a different pump, enter the output pressure.
 - Foaming Chemical A ____ PSI
 - Foaming Chemical B ____ PSI
 - Sanitizing Chemical ____ PSI
- List the distance of the furthest applicator from the pumping system(s)
 - Typically the pumping system is located alongside the dilution system, often away from the production floor in a chemical room. The tool makes calculations relative to the furthest unit to ensure adequate pipe sizes for the entire system.
 - Maximum distance from pumping system ____ feet (*Acceptable range is 10-3000 feet*)