# Centrifugal Pump Data Worksheet

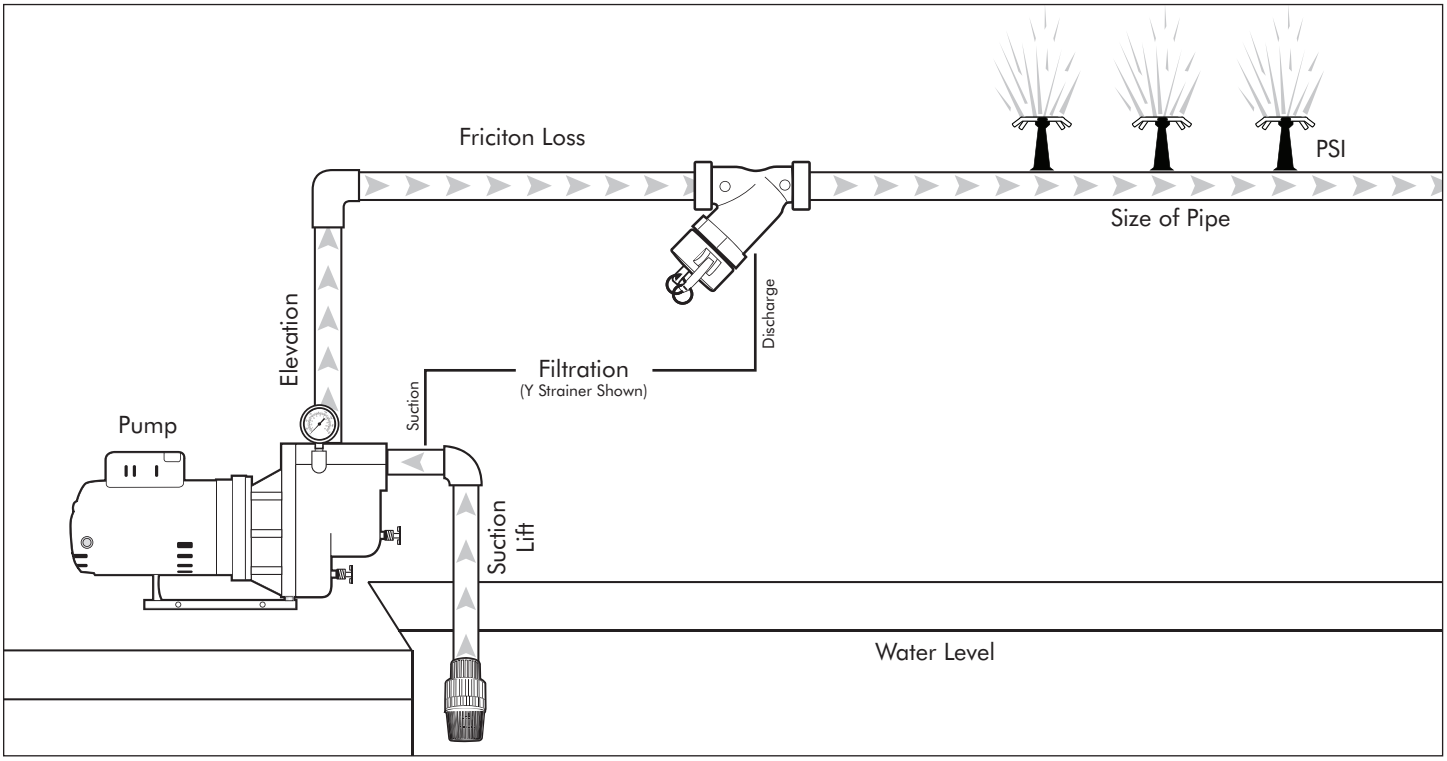
| | |
|---|---|
| Name: | Phone: |
| Address: | City/State/Zip: |

| | | |
|---|---|---|
| GPM | **Pumping Requirements:**<br>To size a pump, first figure total gallonage needed. (For example: Irrigation system, household usage, etc.) | _____GPM |
| Total Dynamic Head (TDH) | **Elevation:**<br>a. Suction Lift<br>To determine suction lift, measure the vertical distance between the water level and the pump inlet. (Total measurement in feet)<br>b. Elevation Change<br>To figure elevation, measure the vertical distance from the pump inlet to the highest point in the system. (Total measurement in feet) | (a) _____FEET<br>(b) _____FEET |
| | + | |
| | **Friction Loss:**<br>To estimate friction loss, keep velocity feet per second at 5′ +/- 1′ to determine ideal pipe size. Refer to friction loss chart. (Total measurement in feet) *Refer to manufactuer's friction loss info and add. | _____FEET |
| | + | |
| | **PSI - Pounds Per Square Inch**<br>Determine the pressure required at the end of the line of the largest zone. Convert to head in feet using the following equation. PSI x 2.31 = HEAD IN FEET | _____FEET |
| | = | |
| | **Total Dynamic Head (TDH):**<br>Total the sum of elevation, friction loss and PSI. This total equals TDH in feet. | _____TDH |

| Misc. | **Electrical:** | | | **Filtration:** | **Power Supply:** |
|---|---|---|---|---|---|
| | Voltage: | ☐ 110 Volt | ☐ 220 Volt ☐ 440 Volt | ☐ Suction | ☐ Engine Driven |
| | Phase: | ☐ Single Phase | ☐ Three Phase | ☐ Discharge | ☐ Gas |

**H20 Water Supply:**

☐ Suction from Pond ☐ Pump in Well ☐ Flooded Suction ☐ Irrigation Ditch

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