

Centrifugal Pump Data Worksheet

Complete worksheet then fax to 970.263.2277 or email to mpi@munropump.com.

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

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|--------------|--|---|---|
| GPM | Pumping Requirements To size a pump, first figure total gallonage needed. (For example: Irrigation system, household usage, etc.) | _____ GPM | |
| | Elevation a. Suction Lift To determine suction lift, measure the vertical distance between the water level and the pump inlet. (Total measurement in feet) b. Elevation Change To figure elevation, measure the vertical distance from the pump inlet to the highest point in the system. (Total measurement in feet) | (a) _____ FEET (b) _____ FEET | |
| | Friction Loss 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 fitting manufacturer's friction loss info and add. | _____ FEET | |
| | PSI - Pounds Per Square Inch Determine the pressure required at the end of the line of the largest zone. Convert to head in feet using the following equation. $PSI \times 2.31 = \text{HEAD IN FEET}$ | _____ FEET | |
| | Total Dynamic Head (TDH) Total the sum of elevation, friction loss and PSI. This total equals TDH in feet. | _____ TDH | |
| Misc. | Electrical Voltage: <input type="checkbox"/> 110 Volt <input type="checkbox"/> 220 Volt <input type="checkbox"/> 440 Volt Phase: <input type="checkbox"/> Single Phase <input type="checkbox"/> Three Phase | Filtration <input type="checkbox"/> Suction <input type="checkbox"/> Discharge | Power Supply <input type="checkbox"/> Engine Driven <input type="checkbox"/> Gas |
| | H2O Water Supply <input type="checkbox"/> Suction from Pond <input type="checkbox"/> Pump in Well <input type="checkbox"/> Flooded Suction <input type="checkbox"/> Irrigation Ditch | | |

