

Selecting a pump is easy.

- 1. Determine the required discharge pressure in PSI at the pump.**
PSI requirement for largest zone (PSI provided by sprinkler head manufacturer x number of heads). Add for pressure losses due to friction loss or elevation change. Subtract for any incoming pressure.
- 2. Determine the GPM required by the largest zone.**
GPM requirement for the largest zone (GPM provided by sprinkler head manufacturer x number of heads).
- 3. At the intersection of these two numbers is the desirable Munro pump.**

PSI AT PUMP DISCHARGE	70	LP1502B 2HP	LP3005B 5HP				
	65	LP1502B 2HP	LP1502B 2HP	LP3005B 5HP	LP3005B 5HP		
	60	LP300B 3HP	LP1502B 2HP	LP1502B 2HP	LP3005B 5HP	LP3005B 5HP	LP3005B 5HP
	55	LP200B 2HP	LP200B 2HP	LP300B 3HP	LP300B 3HP	LP3005B 5HP	LP3005B 5HP
	50	LP200B 2HP	LP200B 2HP	LP200B 2HP	LP300B 3HP	LP300B 3HP	LP3005B 5HP
	45	LP150B 1 1/2HP	LP200B 2HP	LP200B 2HP	LP200B 2HP	LP300B 3HP	LP300B 3HP
	40	LP100B 1HP	LP150B 1 1/2HP	LP200B 2HP	LP200B 2HP	LP200B 2HP	LP300B 3HP
	35	LP075B 3/4 HP	LP100B 1HP	LP150B 1 1/2HP	LP150B 1 1/2HP	LP200B 2HP	LP200B 2HP
	30	LP075B 3/4 HP	LP100B 1HP	LP100B 1HP	LP150B 1 1/2HP	LP200B 2HP	LP200B 2HP
	25	LP075B 3/4 HP	LP075B 3/4 HP	LP075B 3/4 HP	LP100B 1HP	LP150B 1 1/2HP	LP200B 2HP
	20	LP075B 3/4 HP	LP075B 3/4 HP	LP075B 3/4 HP	LP075B 3/4 HP	LP100B 1HP	LP200B 2HP
			30	40	50	60	70
GALLONS PER MINUTE OF LARGEST ZONE							

Know your power supply available: 3/4 hp - 1.5 hp pumps are compatible with 110V or 220V power supply; 2-5 hp pumps are compatible with 220V only.

Questions?
We're here to help.
800.942.4270

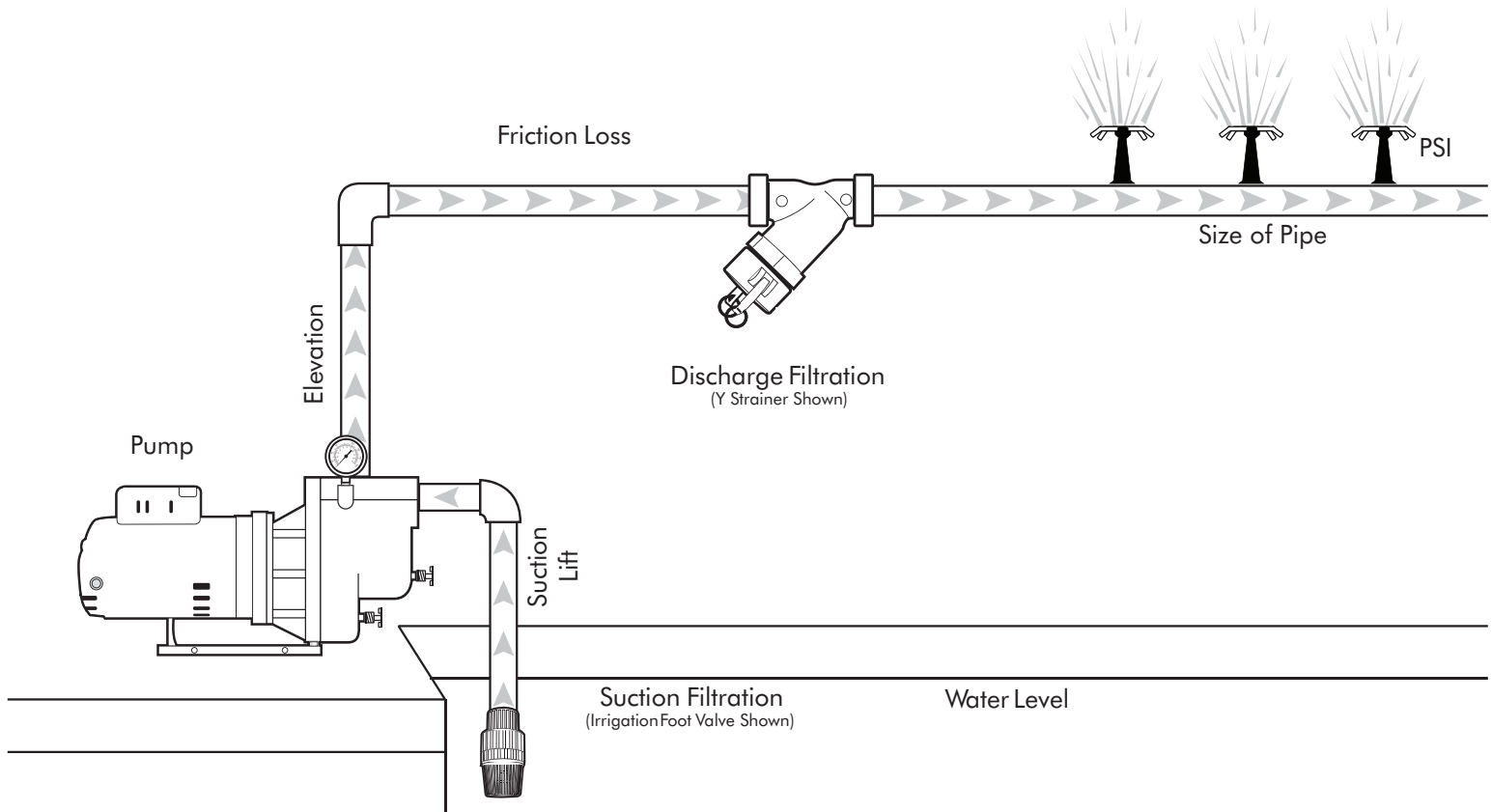


For Complex Installations, Complete This Pump Data Worksheet

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

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

GPM	Pumping Requirements To size a pump, first figure total gallonage needed. (For example: Irrigation system, household usage, etc.)	_____ GPM
	Suction Lift (not applicable in a booster application) To determine suction lift, measure the vertical distance between the water level at the lowest point and the pump inlet. (Total measurement in feet)	_____ FEET
	Elevation Change To figure elevation, measure the vertical distance from the pump inlet to the highest point in the system. (Total measurement in feet)	_____ 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 IF Booster Application: (PSI required at the end of the largest zone _____ - incoming PSI _____) x 2.31 = _____ Feet IF Suction Lift Application: PSI required at the end of the largest zone _____ x 2.31 = _____ Feet.	_____ FEET
Total Dynamic Head (TDH) Total the sum of suction lift, elevation change, friction loss, PSI. This total equals TDH in feet.		_____ TDH
Misc.	Electrical Available for Pump Operation Voltage: <input type="checkbox"/> 115 Volt <input type="checkbox"/> 230 Volt <input type="checkbox"/> 460 Volt Phase: <input type="checkbox"/> Single Phase <input type="checkbox"/> Three Phase	Filtration <input type="checkbox"/> Suction <input type="checkbox"/> Discharge
		Power Supply (if not electrical) <input type="checkbox"/> Engine Driven <input type="checkbox"/> Diesel <input type="checkbox"/> Gas
H2O	Water Source to be Pumped <input type="checkbox"/> Suction from Pond, Lake or Ditch <input type="checkbox"/> Pump in Well <input type="checkbox"/> Flooded Suction <input type="checkbox"/> Harvested Water <input type="checkbox"/> Municipal Water Boost, Incoming _____psi	



(Boost application not shown)

