

CHOOSING THE RIGHT PUMP

By gathering some basic information the staff at Northwest Hydro Solutions can assist in purchasing the right pump for your needs.

1. For what purpose do you require a water pump?

- Household
- Garden
- Stock Water
- Tank filling
- Irrigation or
- combination

2. What operating pressure is required?

3. What is the flow rate required?

4. From where is the source of water to be drawn from?

- Bore
- Tank
- River
- Dam
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5. If from a bore, what size bore? *State the diameter of the casing.*

6. What is the pumping level in the bore at the desired pumping rate?

7. If pump is higher than your water source than what is your suction lift?

8. What is your pipe length and diameter of pipe used?

Use Flow Nomogram to calculate friction loss.

9. Type of pump required?

- Automatic Pressure system
- Petrol Engine
- Diesel Engine
- Electric Pump - Single or 3 phase
- Solar pump

Once completed, contact our friendly staff and we will help you choose the correct pump solution for your water needs.