



HOW TO SIZE A PUMP - INFORMATION CHECKLIST

By gathering some basic information the staff at Think Water Broome can assist in purchasing the right pump for your needs.

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

- | | |
|--------------------------------------|--|
| <input type="checkbox"/> Household | <input type="checkbox"/> Tank filling |
| <input type="checkbox"/> Garden | <input type="checkbox"/> Irrigation |
| <input type="checkbox"/> Stock Water | <input type="checkbox"/> A 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?

- | | |
|--------------------------------|------------------------------|
| <input type="checkbox"/> Bore | <input type="checkbox"/> Dam |
| <input type="checkbox"/> Tank | <input type="checkbox"/> |
| <input type="checkbox"/> River | |

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 the Flow Nomogram to calculate friction loss.](#)

9. Type of pump required?

- | | |
|--|--|
| <input type="checkbox"/> Automatic Pressure system | <input type="checkbox"/> Electric Pump - Single or 3 phase |
| <input type="checkbox"/> Petrol Engine | <input type="checkbox"/> Solar pump |
| <input type="checkbox"/> Diesel Engine | |

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