

# Selecting the right pump for the job is essential

Your Davey Dealer is a water specialist with trained staff in the principles of pump operation and pump selection. When you visit your Davey Dealer, seeking advice on a pump or water supply system, it will assist if you have taken a few minutes to gather some basic information on your requirements. Fill in the answers to the questions below in the spaces provided (tick boxes as appropriate).

- 1 For what purposes do you require a water pump?
- Household water pressure
  - Garden watering/sprinklers
  - Stock water supply
  - Hosing down
  - Tank filling
  - Fire fighting
  - Other (specify) .....
- 2 From what source of supply is the water to be drawn?
- River, creek, channel
  - Dam
  - Above ground tank, rainwater tank
  - Underground tank
  - Bore - attach Drillers Log and Water Analysis (if available)

3 If water is to be drawn from bore, state quantity of water bore will deliver ..... litres/min

3a State the inside diameter of the bore casing ..... mm

4 State if the water supply is:    Clean / Muddy / Gritty

5 How far down (vertically) from the pump to the water level itself (point 1 on diagram)? ..... m

6 How long is the suction pipe (point 2 on diagram)? ..... m

7 Diameter of the suction pipe is ..... mm  
Type of pipe is .....

8 How far along does the pump have to push the water to the outlet (point 3 on diagram)? ..... m

9 How far up does the pump have to push the water to the outlet (point 4 on diagram)? ..... m

10 Diameter of the discharge pipe is ..... mm  
Type of pipe is .....

11 Total flow required ..... litres/min  
Or maximum number of taps that will run at any one time ..... (point 5 on diagram)

12 If known, what pressure is required at the outlet (point 5 on diagram)? ..... kPa

- 13 Type of pump required: (Tick boxes as appropriate)
- |  |   |
|--|---|
| <input type="checkbox"/> Automatic pressure system | <input type="checkbox"/> Electric pump    |
| <input type="checkbox"/> Engine Driven pump        | <input type="checkbox"/> Submersible Bore |
| <input type="checkbox"/> Belt drive without engine | <input type="checkbox"/> Sump Pump        |
| Other (specify) .....                              |   |

- 14 If electric pump, what type of power supply:
- Single phase 240 volt 50Hz
  - Three phase 415 volt 50Hz
  - Other (specify) .....

