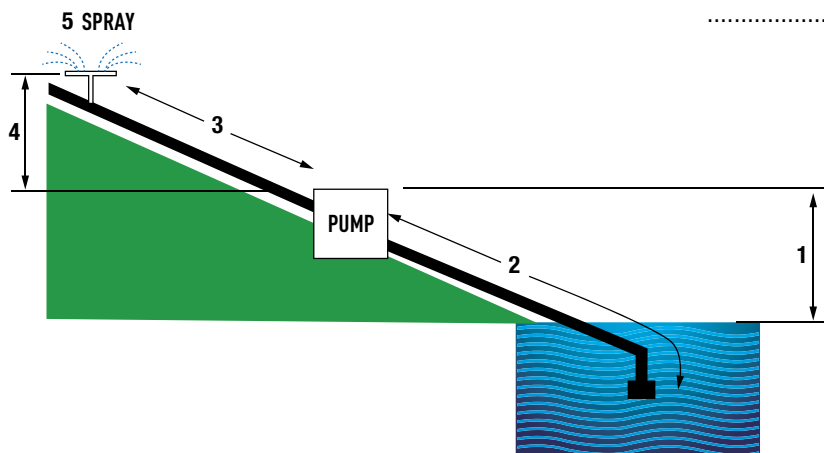


Select The Right Pump For Your Applications

Fill in the answers to the questions below in the spaces provided (tick boxes as appropriate).

1. For what purpose 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
 - Underground tank or cistem
 - Bore - attach drillers Log and Water Analysis (if available)
3. If water is to be drawn from bore, state quantity of water bore will deliverlitres/min
- 3a. State the inside diameter of the bore casingmm
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 ismm
Type of pipe is
8. How far up 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 ismm
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 know, what pressure is required at the outlet (point 5 on diagram)? kPa
13. Type of pump required: (Tick boxes as appropriate)
 - Automatic pressure system
 - Electric pump
 - Engine Driven pump
 - Submersible Bore
 - Belt drive without engine
 - Sump Pump
 - Others (specify)
14. If electric pump, what type of power supply:
 - Single phase 240 volt 50Hz
 - Three phase 415 volt 50Hz
 - Other (specify)



Select The Right Pump For Your Applications

Household Pressure System

1. Source of water

<input type="checkbox"/> River, Creek, Channel	<input type="checkbox"/> Dam
<input type="checkbox"/> Underground Tank	<input type="checkbox"/> Abover ground or rainwater tank
2. Supply of water is

<input type="checkbox"/> Clean	<input type="checkbox"/> Muddy	<input type="checkbox"/> Gritty
--------------------------------	--------------------------------	---------------------------------
3. Type of suction pipe is _____ mm (ID)
4. Type of discharge pipe is _____ mm (ID)
5. Total flow required _____ ltr / min
6. If known, what pressure is required at the outlet (BAR) _____
7. Type of pump required

<input type="checkbox"/> Automatic pressure system	<input type="checkbox"/> Others (Specify)
--	---
8. Power supply

<input type="checkbox"/> Single phase 240 volt 50Hz	<input type="checkbox"/> Three phase 415 volt 50Hz
---	--

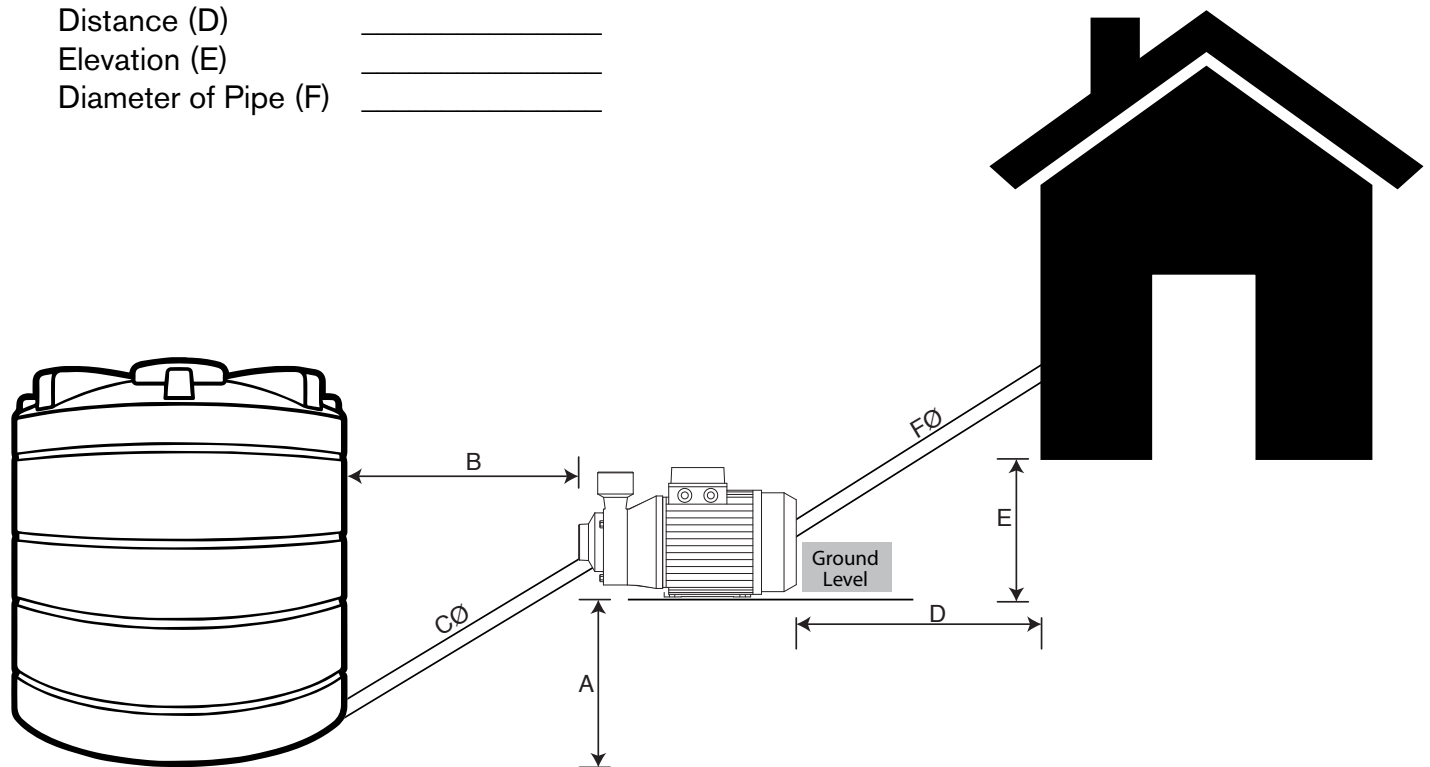
Suction

Distance (B) _____
 Elevation (A) _____
 Diameter of Pipe (C) _____

Friction Loss _____

Delivery

Distance (D) _____
 Elevation (E) _____
 Diameter of Pipe (F) _____



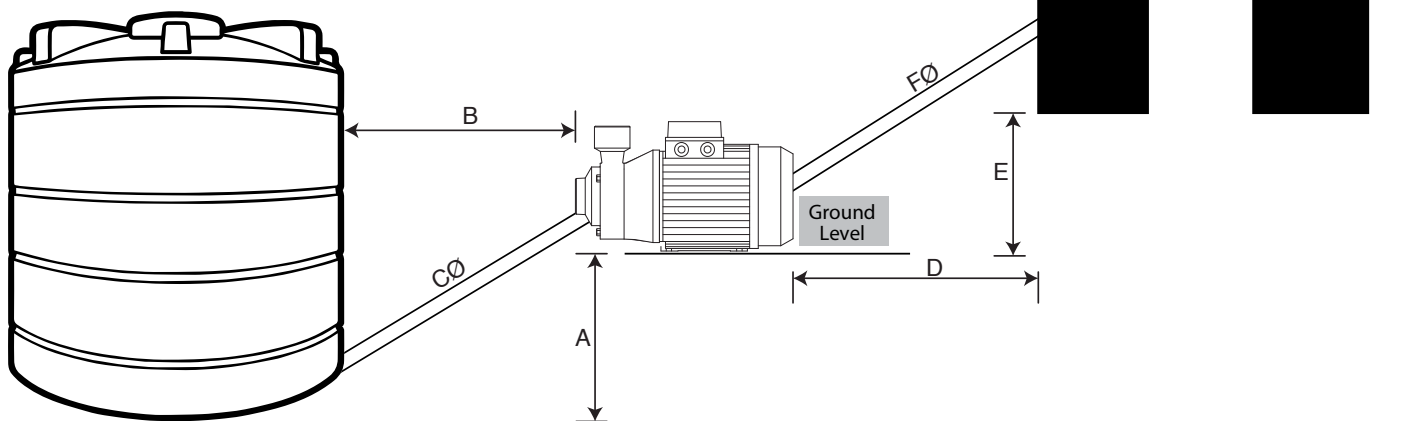
Select The Right Pump For Your Applications

Household Pressure System

1. How far down (vertically) from the pump to the water level itself (point A on diagram) _____
4. How long is the suction pipe (point B on the diagram) _____
5. Diameter of the suction pipe is _____ mm (ID) 6. Type of pipe is _____
7. How far from pump to the house (point D on diagram) _____
8. What is the height from the pump to the house (point E on diagram) _____
9. Diameter of the discharge pipe is _____ mm (ID) 10. Type of pipe is _____
11. Total flow required _____ litres / min
12. If known, what pressure is required at the outlet _____ BAR
14. Power supply Single phase 240 volt 50Hz Three phase 415 volt 50Hz

Suction	
Distance (B)	
Elevation (A)	
Diameter of Pipe (C)	
Delivery	
Distance (D)	
Elevation (E)	
Diameter of Pipe (F)	

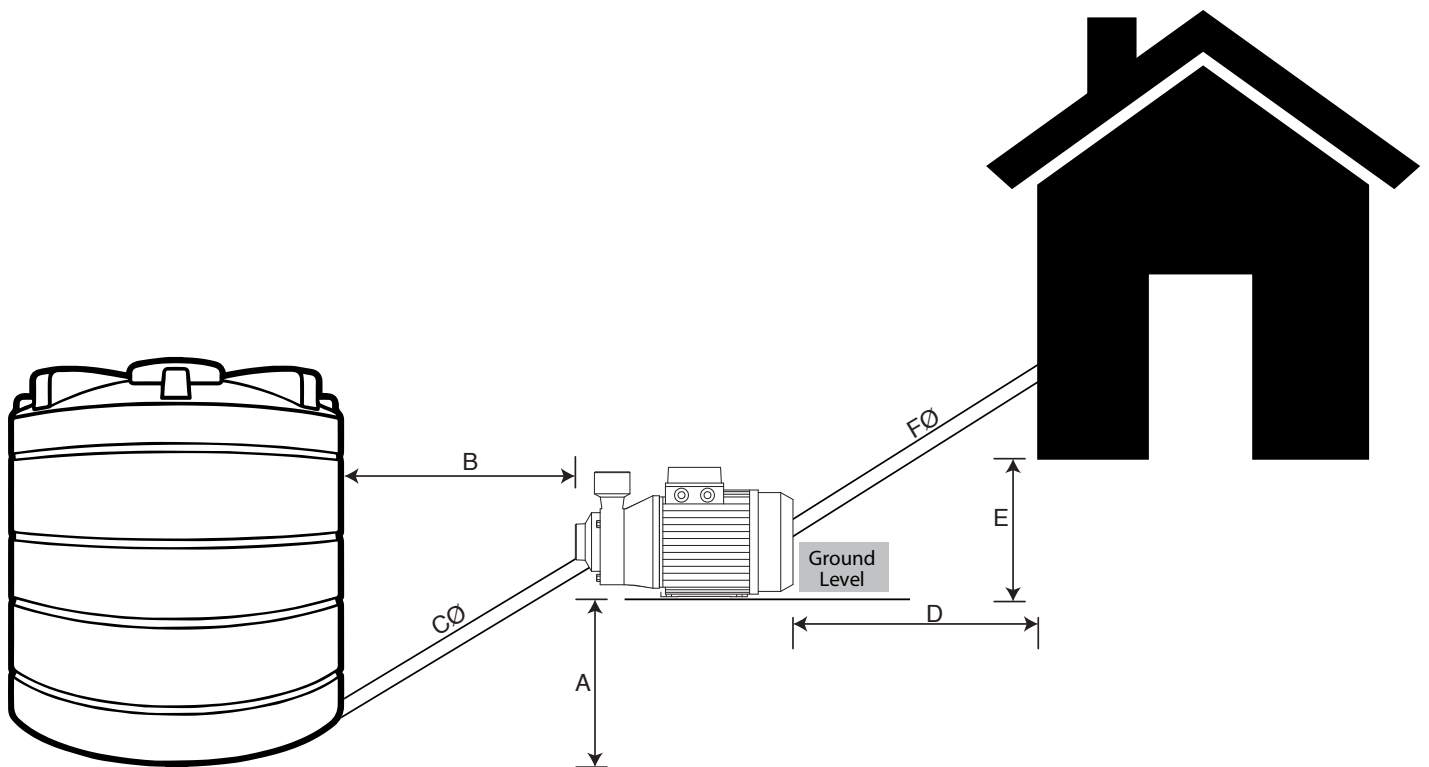
Friction Loss	



Select The Right Pump For Your Applications

Household Pressure System

1. Distance from water tank to pump (Point A) _____ (m)
2. Height from base of tank to pump level (point B) _____ (m)
3. Suction pipe size (ID) _____ (m)
4. Distance from pump to house (point D) _____ (m)
5. Height from pump to house
(highest point-shower/toilet etc) _____ (m)
6. Delivery pipe size from tank to house (ID) _____ Friction loss/100m _____ (m)
7. Flow required:
 - toilet (10l/m) _____
 - shower (15l/m) _____
 - garden hose tap (15l/m) _____
 - other (l/m) _____
 - Total flow required (l/m) _____ Total pressure (m) _____ (m)



Select The Right Pump For Your Applications

Household Pressure System

1. Source of water River, Creek, Channel Dam
 Underground Tank Abover ground or rainwater tank
2. Supply of water is Clean Muddy Gritty
3. How far up (vertically) from the pump to the tank 2 level itself (point A on diagram)
7. How far along does the pump have to push the water to the outlet (point B on diagram)
5. Diameter of the suction pipe is mm (ID) 6. Type of pipe is
7. How far along does the pump have to push the water to the outlet (point D on diagram)
8. How far up does the pump have to push the water to the outlet (point E on diagram)
9. Diameter of the discharge pipe is mm (ID) 10. Type of pipe is
11. Total flow required litres / min
12. If known, what pressure is required at the outlet BAR
13. Type of pump required Automatic pressure system Others (Specify)
14. Power supply Single phase 240 volt 50Hz Three phase 415 volt 50Hz

System Specifications	
Elevation (A)	
Distance (B)	
Diameter of pipe (C)	
Tank 1	
Tank 2	
Water fill rate	

