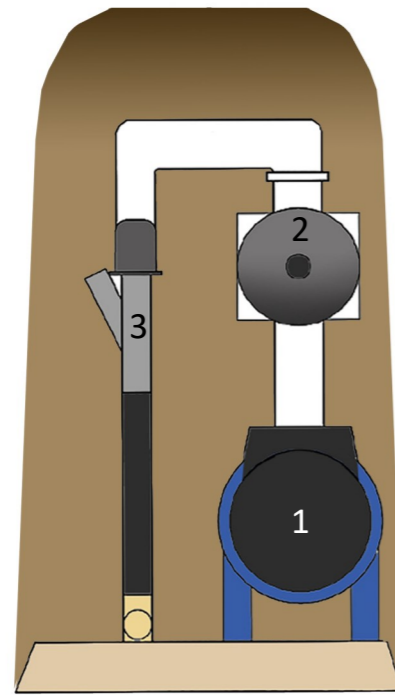
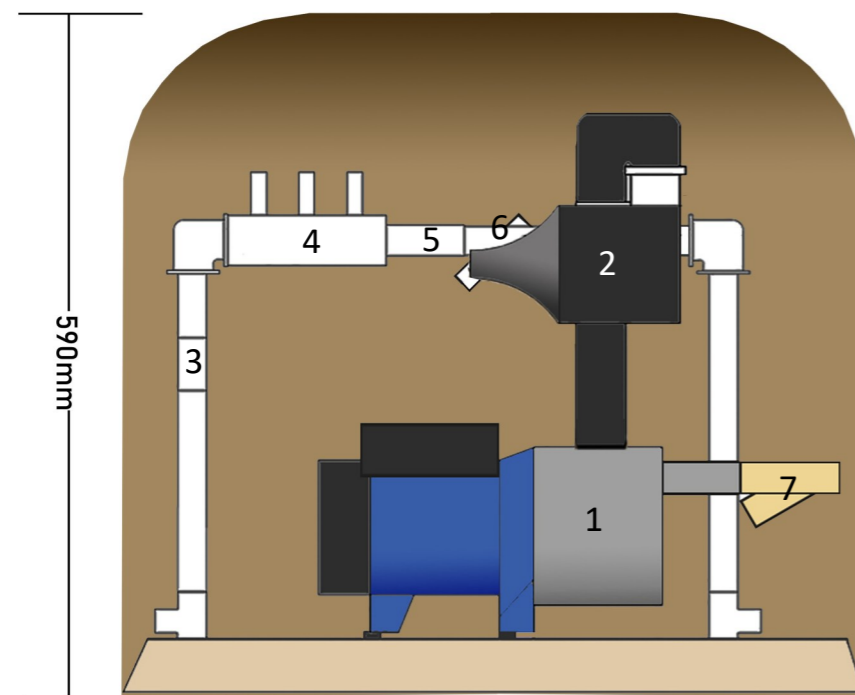


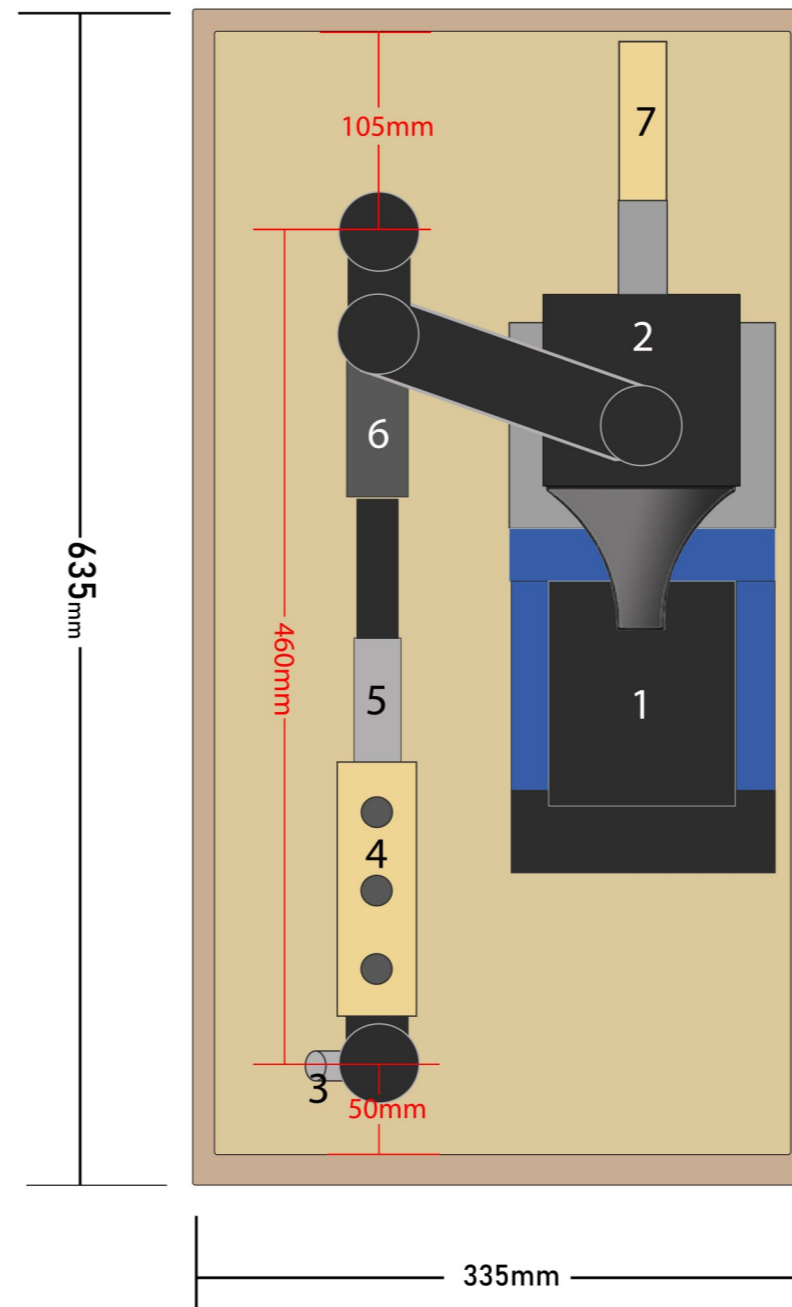
# Plug 'N' Play Pump System



PUMP COVERING SCALE 1:6 @ A3



PUMP PLAN VIEW SCALE 1:4 @ A3



## KEY:

1. PUMP
2. PUMP CONTROL BOX
3. LINE STRAINER / 150 VALVE 20mm
4. 20mm BACKFLOW PREVENTION VALVE
5. 20mm ISOLATION VALVE
6. CHANGE OVER DEVICE 20mm
7. 25mm LINE STRAINER

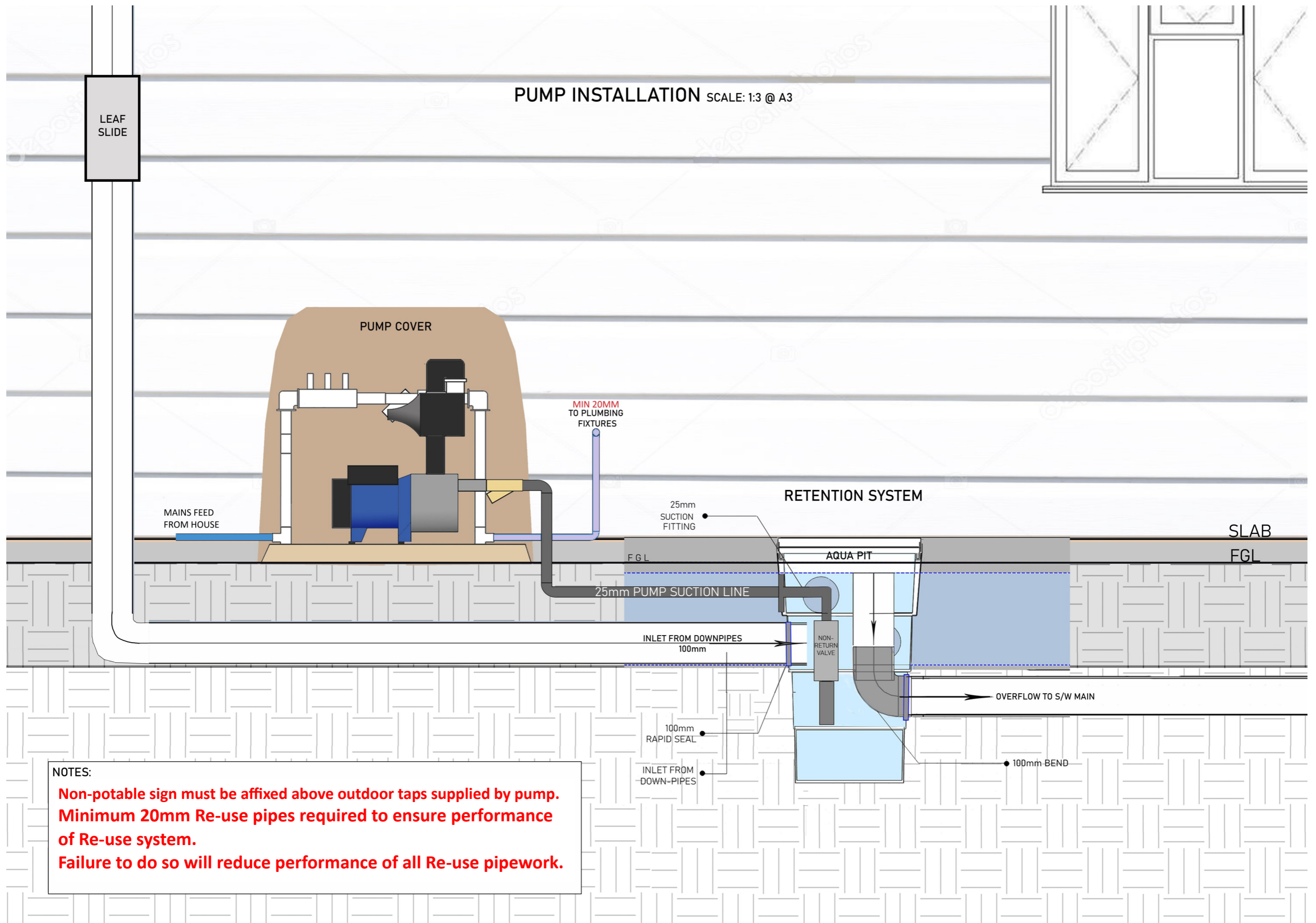
## NOTES:

- Pump must be installed by certified plumber.
- Modifications may need to be made by the pump cover as required to install pump.
- Modifications made to the original pump set up and fittings will void warranty of the pump.
- Non-potable sign must be affixed above outdoor taps supplied by pump.
- Minimum 20mm Re-Use pipes are required to ensure performance of Re-use system.
- Failure to comply with the above will reduce the performance of all Re-use pipework.

**STORMWATER**  
SYSTEMS

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# PUMP INSTALLATION SCALE: 1:3 @ A3



## NOTES:

**Non-potable sign must be affixed above outdoor taps supplied by pump.**  
**Minimum 20mm Re-use pipes required to ensure performance of Re-use system.**  
**Failure to do so will reduce performance of all Re-use pipework.**

## Features

The pump is a self-priming surface mounted pressure system pump supplied with plug and play leads (IEC type). The self-priming ability provides excellent suction capacity of up to 9m. Used especially for supplying water to domestic installations.

The pump is characterised by:

- Automatic electronic pump control fitted and wired with plug and play leads so a licensed electrician is not required during installation.
- Includes fully electronic pump controller for automatic pump starting, stopping and restart after power loss and water loss.
- Run dry protection to prevent pump damage
- Automatic electronic control has in-built check valve to prevent water backflow through the pump.
- 2.2bar pump cut in for greater versatility.
- Corrosion resistant pump body, diffuser and impeller to ensure pump durability
- High quality mechanical shaft seal and high quality bearings
- 240V single phase TEFC motor with in-built auto reset thermal overload to prevent the pump from overheating.

### Liquid:

Liquid Type: Clean Water  
Clean water temperature range: 2 – 40°C

### Materials:

Pump body: Stainless Steel 304  
Impeller: Jet/Venturi  
Diffuser: Noryl Glass Reinforced  
Mechanical seal: Carbon/Ceramic/Nitrile  
O rings: Nitrile  
Power Cable: 2m Cable H05 3G1.0

### Installation:

Maximum ambient temperature: 40°C  
Maximum operating pressure: 6 bar  
Pipe connections suction/discharge: 1" BSPF / 1" BSPM  
Dimensions: 420mm L x 460mm H x 230mm W

### Electrical data:

Rated voltage: 220 (-6%) -240V (+6%)  
Mains frequency: 50 Hz  
P2 (kW): 0.45 (Shaft Power)  
Current: 3.5 amps  
Capacitor: 10 uF  
Motor duty: Continuous  
Motor type: Asynchronous, TEFC  
Motor protection: In-built thermal overload  
Ingress protection: IP X4  
Insulation class: F

### Hydraulic Data:

Max Head: 38m  
Max Flow: 50 l/min  
Number taps: 4



The pump is a self-priming surface mounted pressure system pump supplied with plug and play leads (IEC type). The self-priming ability provides excellent suction capacity of up to 9m. Used especially for supplying water to domestic installations.

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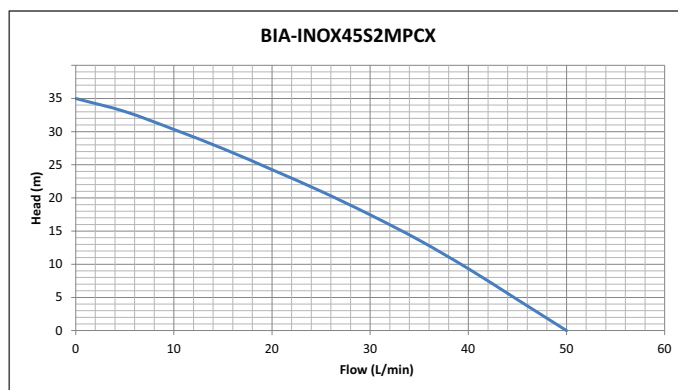
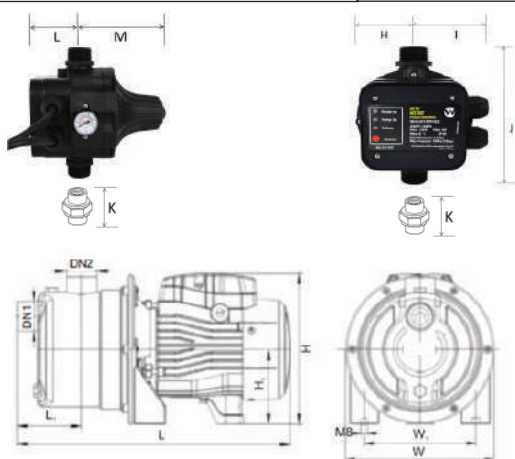
**Applications**

- Used especially for supplying water to domestic installations and applications where a suction lift is required.

**Package Information**

- 11 kg
- L 420mm x W 230mm x H 460mm

Liquid:	Electrical data:
Liquid Type: Clean Water Clean water temperature range: 2 – 40oC	Rated voltage: 220 (-6%) -240V (+6%) Mains frequency: 50 Hz P2 (kW): 0.45 (Shaft Power) Current: 3.5 amps Capacitor: 10 uF Motor duty: Continuous Motor type: Asynchronous, TEFC Motor protection: In-built thermal overload Ingress protection: IP X4 Insulation class: F Net weight: 11 kg
Materials:	Hydraulic Data:
Pump body: Stainless Steel 304 Impeller: Jet/Venturi, Diffuser :Noryl Glass Reinforced Mechanical seal: Carbon/Ceramic/Nitrile O rings: Nitrile Power Cable: 2m Cable H05 3G1.0	Max Head: 38m Max Flow: 50 l/min Number taps: 4
Installation:	
Maximum ambient temperature: 40oC Maximum operating pressure: 6 bar Pipe connections suction/discharge: 1" BSPF / 1" BSPM Dimensions: 420mm L x 460mm H x 230mm W	



DN1	DN2	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
1"	1"	376	200	214	88.5	140	107

H (mm)	I (mm)	J (mm)	K (mm)	L (mm)	M (mm)
64	81	177	70	62	116

