

# PUPS 02 INSTALLATION INSTRUCTIONS



## DIMENSIONS:

PUPS02 3030	300mm x 300mm x 500mm deep
PUPS02 4040	440mm x 440mm x 450mm deep
PUPS02 5050	600mm x 600mm x 550mm deep

## GENERAL

1. Units should not be installed in ground that is prone to waterlogging.
2. Units do not have waterproof covers; adequate drainage must be installed beneath the unit casing as indicated in the following instructions.
3. The depth of drainage material shown in these instructions is intended as a guide only, and is to be construed as the minimum depth required for an average installation. Consideration should be given to local conditions, and an increase in the depth of the drainage material should be made if local conditions warrant.
4. Units must only be installed in level ground. They should not be fitted on sloping ground, or at the base of a section of higher ground where there will be excess run-off of surface water.
5. These following are standard installation instructions and may not conform to local regulations. It is imperative that local regulations are checked to ensure compliance.

## EXCAVATION WORKS

1. Excavate a hole having the following approximate dimensions:

<b>PUPS02 3030 depth 1050mm</b>	<b>- diameter 700mm</b>
<b>PUPS02 4040 depth 950mm</b>	<b>- diameter 800mm</b>
<b>PUPS02 5050 depth 1100mm</b>	<b>- diameter 1000mm</b>

2. At the base of the excavation set a layer of suitable drainage material to allow any water that may collect in the base of the unit to drain away freely. Suggested gravel depths:
  - a) Depth of no less than 100 mm where there is a connection to public water drainage.
  - b) Depth of no less than 400 mm where there is no public drainage connection.
3. Lay a concrete plinth 100 mm thick over the gravel layer having a central opening as follows:
  - a) diameter 100 mm for PVC connection pipe to a public water drain.
  - b) diameter 150 mm for drainage directly into the material beneath, where there is no public water drain connection.
4. The PVC connection pipe to the public water drain must be 100 mm in diameter, sealed around the case of the unit and fitted with a back-flow valve or, in accordance with local regulations.

If internal connection box is fitted - feed cable to the interior of the unit through cable entry holes. Connect incoming mains cable to terminals in connection box and close cover ensuring that it is properly sealed.

If the unit has a cable tail – joint incoming cable to cable tail by means of an external connection box or by means of an underground polymer joint.

Backfill excavation and firm down – it is essential that the unit is set perfectly horizontally and is perfectly level with the site landscaping or finishing material.

**It is important that all electrical connections are made by a suitably qualified electrician.**



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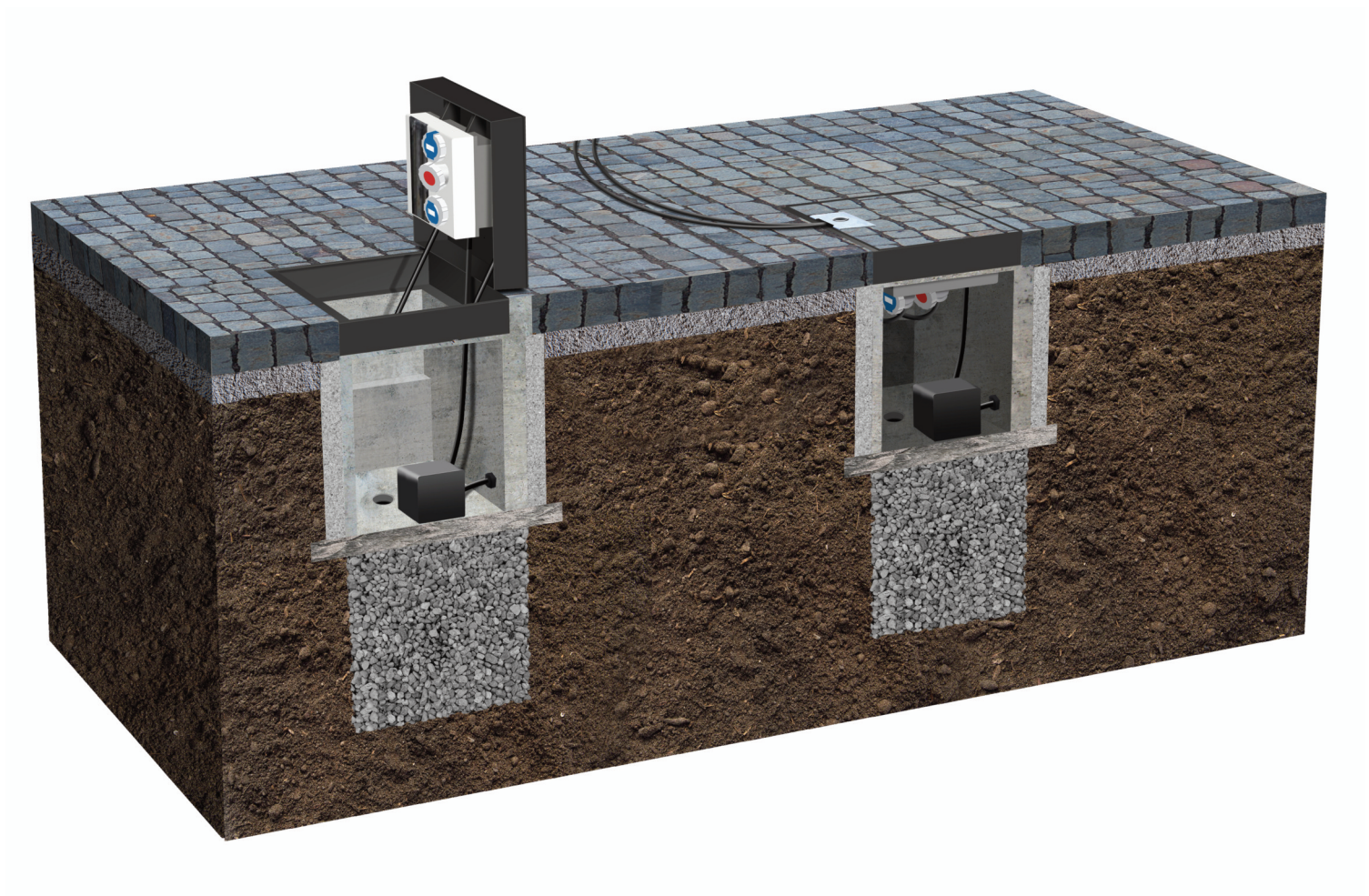
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**PUPS 02** (Illustration not to scale)



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# PUPS 02 OPERATION & MAINTENANCE INSTRUCTIONS



**The operations that follow, and the general maintenance, should only be carried out by persons who are suitably competent.**

Open the unit cover by inserting the key into the lock and making a quarter turn, anticlockwise. The cover will rise assisted by the gas rams.

Prior to use: A person competent to do so should visually check the installation prior to any equipment being plugged into the sockets.

1. Unscrew the socket cover to reveal the socket.
2. It is important to ensure that plugs with the correct IP rating are used for any equipment being connected to the sockets.
3. Insert the correctly rated IP plug into the socket and ensure that the outer ring of the plug is screwed onto the socket to form a seal.
4. Open the breaker cover and turn the switches to the "on" position. Close breaker cover and lock.

**If any breaker switches trip out, report to a competent person before proceeding further. NOTE: It is not normally necessary to fully remove the transparent lid of the breaker box.**

5. Ensure that cable(s) to outside equipment are placed in the correct position so that they feed out through the cable exit aperture in the cover.
6. Ensure that there is nothing impeding the cover and that hands and feet are clear of the cover frame. Push down cover and lock down by turning key for a quarter turn clockwise.

#### After use:

7. Open the unit cover by inserting the key into the lock and making a quarter turn, anticlockwise. The cover will rise assisted by the gas rams.
8. Carry out reverse procedure set out above, commencing with opening the breaker cover and turning the switches to the "off" position. Ensure that the breaker cover is correctly closed and locked.
9. Ensure that all socket covers are re-fitted correctly and are screwed up tightly, do not overtighten. 10 - Ensure that the interior of the unit is clear of any debris.
10. Ensure that the interior of the unit is clear of any debris.
11. Ensure that the lid and the frame in which the lid sits are clear of dirt and debris.
12. Ensure that there is nothing impeding the cover and that hands and feet are clear of the cover frame. Close lid and lock down.

It is important that the sockets and breaker enclosure are properly closed and the covers are screwed tightly to the sockets so that the correct IP rating is maintained.

Click to view the following video files:

**Video 1**

**Video 2**

**Should any of the breaker switches trip during operation of the unit, it is imperative that this event is reported to a person who is competent to resolve the issue.**

# PUPS 02 GENERAL MAINTENANCE INSTRUCTIONS



## WEEKLY

1. Brush leaves and debris away from top, ensure that lock is clean, remove any build-up of dirt.

## MONTHLY

2. Unlock cover and ensure that lid lifts smoothly.
3. Examine the frame and area around the sides of the cover, clear of any debris or dirt so that lid can seat properly in the frame.
4. Visually inspect interior of unit.
5. Check for debris in unit well and remove.
6. Check drain aperture for any obstruction and clean, if necessary.
7. Check waterproof socket caps and ensure that they operate smoothly.
8. Check that socket enclosure caps and transparent breaker cover are properly tightened.
9. Check cover and seals on breaker boxes. NOTE: it is not necessary to remove the transparent breaker cover unless any of the breakers have tripped.
10. Check that the switches in the breaker boxes are in the correct position. If not, reset.
11. If any breaker switches trip out, report to a competent person.
12. Lightly clean interior well of the unit.

## EVERY 3 MONTHS

13. Unlock cover and ensure that lid lifts smoothly.
14. Apply lubrication to lid hinges, locks and screw thread of lid lock.

## ANNUALLY

15. Check all electrical connections and ensure that power is being supplied to the sockets.

**NOTE: During the winter months, and during periods of prolonged wet weather, it is advisable to visually inspect the unit interior and the drain aperture on a more frequent basis to ensure that there is no water build up within the casing.**



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