

# PUPS 04 + 05 INSTALLATION MANUAL



## UNIT INFORMATION

- The PUPS04 unit weighs 100kg, including the weight of the concrete box
- The PUPS05 unit weighs 130kg, including the weight of the concrete box

## DIGGING AND INSTALLATION

### Follow these instructions:

1. If the soil is well-drained, dig a trench to host the unit: depth 1340 mm – diameter 850mm.
2. On the bottom put a 400mm layer of gravel;
3. Place on it a 100mm concrete screed plinth with a 30mm hole at the center.

### In case of non-draining soil, follow these instructions:

1. Dig a trench to host the unit: depth 1340 mm – diameter 850mm.
2. Place on it a 100mm concrete screed plinth, leaving an opening at the center for the pipe of the white water system.

Preparing the ground is indispensable in order to avoid flooding inside the product.

### Placing the unit into the ground:

1. Remove the plastic from the unit and lift it with the help of the eyebolts (Fig.1). It is recommended not to make sudden shakes that could tear the threaded rods apart;
2. Lay down the supply unit into the trench by keeping it as square as possible to the ground in order to ensure that the mechanical equipment are not subjected to major stress (Figure 2).

In order to make sure that the electrical / water groups are in the desired position, follow the symbols on the product, which indicate the equipped sides of the unit.

## ELECTRICAL CONNECTIONS

### Once the unit is in place and if it is supplied by a power cord, these instructions must be meticulously followed:

1. Use the handle to lift the tower until the end of stroke;
2. Verify that the cable inside the concrete is enough to allow the complete extraction in case of maintenance.

### If there's no power cord to supply energy, you must follow these instructions:

1. Remove all the electromechanical part;
2. Insert the power cable into the hole at the bottom of the concrete, twisting it half-around the central screw of the mechanical part carrier;
3. Open the lid of the box and plug the power cord;
4. Re-place the tower inside the cockpit and close it, making sure that the cable is not in the way of the tower's stroke.

### On request it is possible to obtain the tower with the external junction box; in this case:

1. Remove the cover and connect the cable to the terminal;
2. Within the enclosure mix the 3M's scotchcast resin (TI type format C, 3415) or equivalent.

It's preferable that each tower is connected to its own independent line in a radial way and protected by a single 30 mA differential thermal breaker.

It is suggested to use a good flexible cable (H07RN-F) or equivalent.

Futhermore it's necessary that the power cord is equipped with an earth conductor.

The New VMR products are manufactured with high-quality materials.

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## INSTRUCTIONS FOR PUPS 04 UNIT

### WHEN USED

1. Visual inspection of sockets, switches and various accessories, placed on the fronts.  
Check the functionality, integrity and readability of electrical equipment.
2. Cleaning and checking of the supporting perimeter of the cover on the frame. Clean carefully, the perimeter of the frame so that the manhole rests evenly on it thus avoiding stress exaggerated to the electromechanical group movement.

### EVERY 2 YEARS

1. Check the wear of the mechanical parts.  
Check the wear of the various components and if necessary, evaluate a possible replacement of the damaged parts.

## INSTRUCTIONS FOR PUPS 05 UNIT

### WHEN USED

1. Visual inspection of sockets, switches and various accessories placed on the sides. Test the functionality, integrity and readability of electrical equipment on the sides.
2. Clean and check the supporting frame of the cast iron cover. Carefully clean the perimeter of the frame so that the cover rests perfectly on it, thus avoiding major stress to the electromechanical group movement

### EVERY 6 MONTHS

1. Oil and lubricate the mechanical equipment. Remove the upper bushings of the screw and oil. Extract the unit and remove the lateral protection and lubricate the screw with "ST2 ARANCIO Grasso Stauufer" or equivalent.

### EVERY 2 YEARS

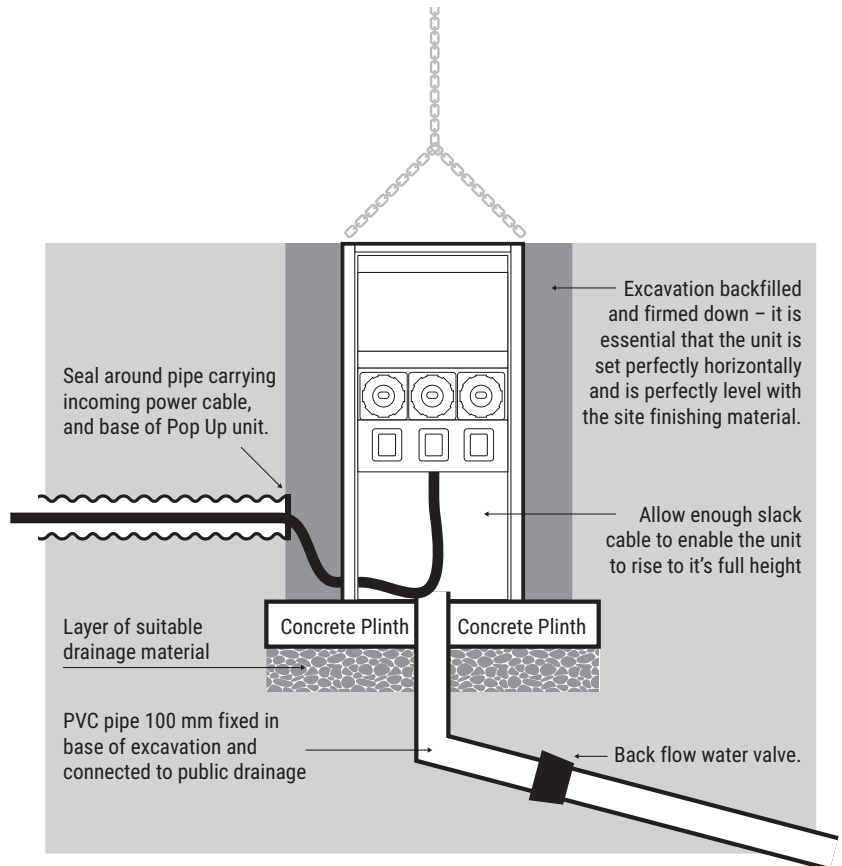
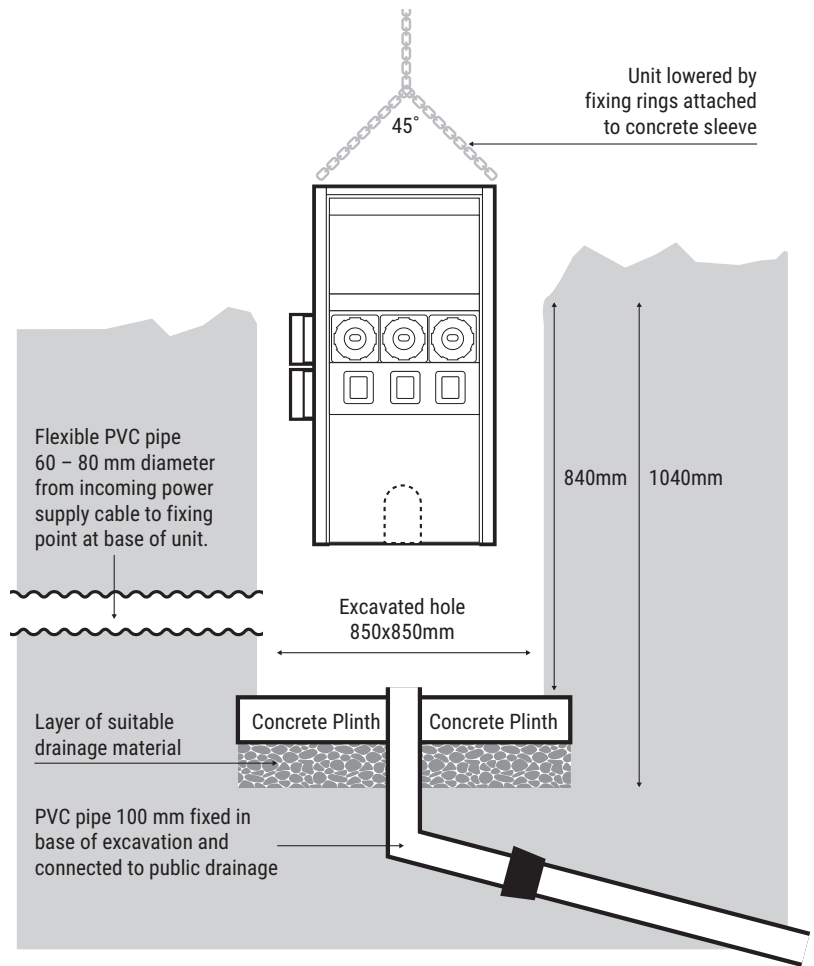
1. Check the mechanical equipment's wear. Check the wear of the various components, and, if deemed necessary, evaluate the possible replacement of the damaged parts.

Contact us to subscribe for a two-year maintenance contract on: +44 (0)20 8227 0208

# PUPS04 05

(Illustration not to scale)

Fig 1. With public drainage.



# PUPS04 05

(Illustration not to scale)

Fig 2. Without public drainage.

