



INSTALLATION MANUAL VM02/VM03

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DIGGING AND INSTALLATION

If the soil is draining make an excavation with the following dimensions: 1m depth, length and width 0,70mt; on the bottom lay a layer of gravel of about 0,20mt and throw it on a concrete screed of 0,1mt thickness with a hole at the center of about 0,4X0,40mt. The preparation of the ground is indispensable in order to avoid unpleasant flooding inside the article.

In case of non-draining soil making a dig with the following dimensions: 1,1mt depth, length and width of 1 meter; on the bottom lay a layer of gravel of about 0,35mt and throw it on a concrete screed leaving the center the hole for the discharge of the sewage system.

CONCRETE COCKPIT

Remove the packaging from the cockpit and lift it (Fig.1); it is recommended not to make sudden shakes that could tear the threaded rods. Lay the cockpit inside the trench holding it as square as possible to ensure that the mechanical parts are not subjected to abnormal stress (Figure 2).



fig. 1



fig.2

In order to make sure that the electrical / water groups are in the desired position, follow the indicated symbols for the equipped side of the unit.

ELECTRICAL CONNECTIONS

Once positioned in the excavation pit, when the power cable is provided, the following instructions must meticulously be done: use the key to open the unit (Figure 3) help in the stroke (Figure 4); connect the line to the outlets.



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fig.3



fig.4

On request it is possible to have units with external junction box; in this case, simply remove the cover and connect the cable to the terminal; mix within the enclosure of the resin scot-choast TI type format C 3M 3415 or equivalent.

It is better that each unit is connected with its own independent line, in a radial way and protected from single 30 mA differential thermal breaker; also it is better to use a good flexible cable (H07RN-F or equivalent). It is necessary that the power cord is equipped with an earth conductor.

Products NEW VMR are made of top quality materials



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MAINTENANCE

<u>TYPE OF CONTROL</u>	<u>FREQUENCY</u>	<u>NOTE</u>
1. Oiling and cleaning of drainage area	<u>1 year</u>	Use w40 oil
2. Removing upper bushing and replacement OR	<u>1 year</u>	it is advisable to avoid any possible seizure of the mechanical members
3. Visual inspection sockets, switches and various accessories generally placed on the fronts	<u>3 months</u>	test the functionality, integrity and readability of electrical equipment
4. Cleaning and checking of the supporting frame on the perimeter of the cover	<u>3 months</u>	carefully clean the perimeter of the frame so that the manhole rests evenly on it thus avoiding stress exaggerated to the electromechanical group movement
5. Check mechanical parts wear	<u>2 years</u>	check the wear of the various components, and if necessary, evaluate a possible replacement of the damaged parts