4-STEP INSTALLATION GUIDE

Step 1. Mount the Energizer

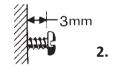
The energizer is easy to install. Mount the energizer on a wall, under cover, out of reach of children, adjacent to a power outlet.

Install where there is no risk of the energizer incurring fire or mechanical damage.

- Using the the template on the centre page as a drilling guide, drill 2 x 4mm (5/32") holes 176mm apart (A & B).
- Fix the screws provided into the wall leaving the head of the screw about 3mm (1/8") out from the wall.
- Place the energizer over and slide down onto the mounting screws.

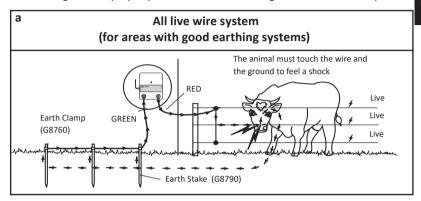




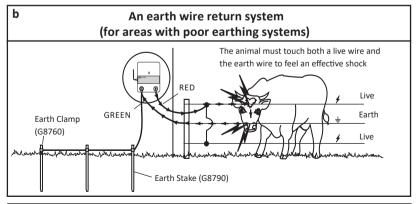


Step 2. Install the earth system

Buildings and gates for example, can become electrified with fence voltages if the energizer is improperly earthed. Follow earthing instructions carefully.



The most effective place for an earth system is in continuously damp soil, see illustration a. For dry areas with poor earthing conditions, see illustration b.



Install the earth system at least 10m (33ft) from any power supply earth peg, underground telephone or power cable. Drive one 2m (6ft) earth stake into the ground, until only 5cm (2") remain above the ground.

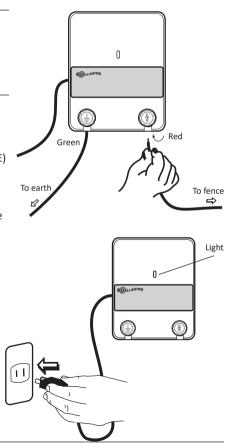
Note: Poor grounding can cause interference on telephone lines, radios and televisions. This can be recognised by a clicking sound on telephones.

Step 3. Connect the fence

Connect the energizer's red (FENCE) terminal to the fence using double insulated cable. Remove 5cm (2") of plastic coating from one end of the cable. Bend the end of the wire to form a loop. Unscrew the red (FENCE) terminal and insert the loop of wire. Screw the terminal closed, ensuring the wire is firmly clamped. Attach the other end of the cable to the fence using a joint clamp.

Step 4. Plug the energizer into a power outlet

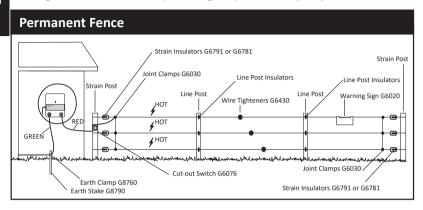
Check that the light on the front of the energizer is flashing.

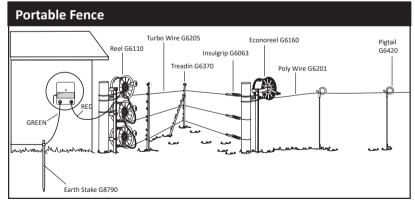


VOLTAGE CHECKLIST No -Yes Is the energizer operating? Unplug the energizer from the power supply and Test the power remove the fence wire from .vlaaus the red (FENCE) terminal. If the power Plug energizer in again and Nο si vlagus check. Is the voltage across OK then the the terminals greater than energizer needs 5000 volts? Energizer needs to be serviced. to be serviced. Yes Test the earth system. Nο Is the ground voltage more 1. Check the electrical connections than 200 are secure eg. from the fence to volts? the red (FENCE) terminal, from the ground system to the green (GROUND) terminal, at gates etc. Yes 2. Check the voltage on the fence every 33m (100ft). Note if the voltage is dropping. The closer to a fault, the Improve the earth lower the voltage reading will be. system: add Become aware of things that cause galvanised earth faults and always be on the lookout stakes to the earth for: stray pieces of wire on the fence, system until the earth heavy undergrowth, cracked or voltage is 200 volts or helow. broken insulators, broken wires etc.

MATERIALS AND TOOLS

Gallagher dealers offer a complete range of products for your power fence.





For fence specifications and design contact your Gallagher dealer.