

## IMPORTANT INSTALLATION BULLETIN

### “VARIABLE OUTPUT ENERGIZER”

Your variable output Energizer has the ability to produce 4 levels of energy being delivered to the Grid. (Note – It is perfectly normal for Energizer output to vary slightly, plus or minus .2Kv to .5Kv)

Pressing the “red” button on the right side/top allows you to select voltage output:



- 5Kv to 5.5Kv on initial startup and or after a power outage.
  - Highly recommended and may result in intermittent “arcing”.
- 4Kv to 4.5Kv after pressing & releasing the red button once.
  - Second level recommendation if “arcing” is an issue.
- 3Kv to 3.5Kv after pressing & releasing the red button twice.
  - Third level recommendation and produces almost no “arcing” at all.
- 2Kv to 2.5Kv after pressing & releasing the red button a third time.
  - Very low level output. Use only when higher voltage output is a concern.

#### \*Note about “arcing”:

- Arcing occurs when the Energizer is producing enough energy (Kv and Joules) to encourage the electricity to “jump” from metal to metal fields within each Tile of the Grid.
- Arcing does not harm the Energizer or the Tiles. It is perfectly normal.
- Arcing is intermittent and does not create enough heat to be a point of combustion. That said, we encourage users to keep the Grid as clean as possible so as not to draw down the Kv being produced by the Energizer.

### “NEW TILE DESIGN”

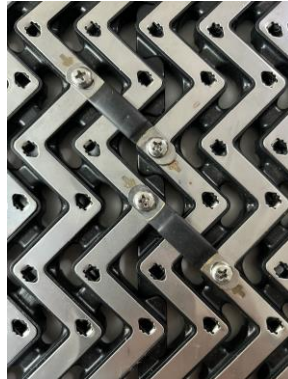
Visually inspect one Tile to familiarize yourself with features that have been added to help make the Installation Process simple and fun!

### “TILE BRIDGE ARROWS”

Tiles now have 2 “Arrow” images etched at the (centered) 4 outer edges of each Tile. The Arrows have been added to help identify the exact location of Tile Bridge placement.



Prior to assembly and during the Tile Layout process, notice that the Arrows are pointing at each other at the connection joint of every Tile. On either axis of the Grid (length or width) notice that the Arrows are pointing at each other as pictured below. Once the Tiles have been joined together, the Tile Bridges can be screwed into place as pictured below – Being careful not to cross thread or over tighten each Tile Bridge Screw.



#### “CABLE CONNECTION TO “POWER TILE”

- Identify the Tile that is closest to your 110 volt outlet. This will be your “Power Tile”.
- Again - notice the 2 Arrows on the “Outer” of that Tile.
- Using 2 of the extra Tile Bridge Screws, Connect the 2 small loop connectors to each Arrow.
- Connect the 2 large loop connectors to the Red & Black terminals of the Energizer.
- Red or Green (i.e. polarity) on the Energizer is of no consequence.



#### “GRID ASSEMBLY TIPS & TRICKS”

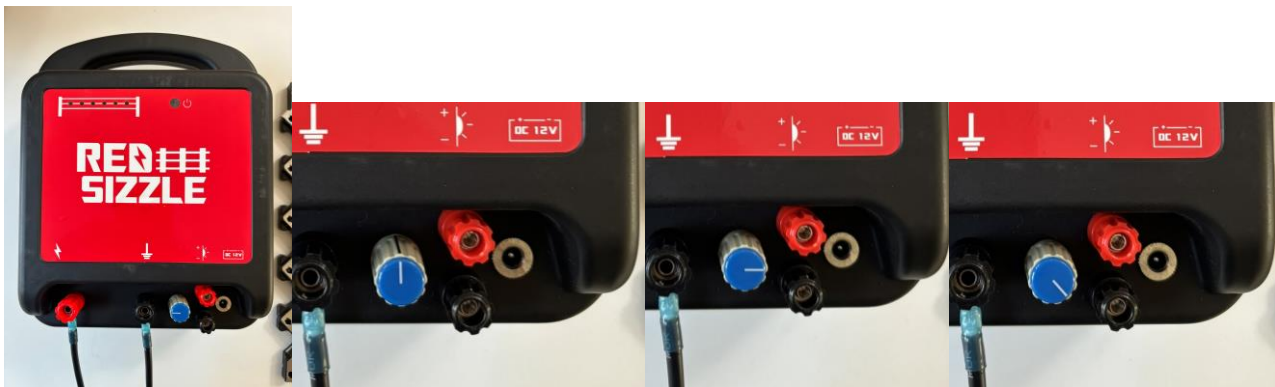
- Allow tiles & edges to warm up w/sunlight. Cold tiles & edges are stiffer and harder to connect.
- If you find that your Grid slides or shifts from its original location, locate the two anchor holes molded into each tile. Using 3/16” x 1.25” concrete screws, anchor 1 or 2 Tiles first and test for continued movement.



## “OPTIONAL Red Sizzle ENERGIZER”

If you received the OPTIONAL “Higher Power” Red Sizzle Energizer, know that the setting of the “blue” Power Control knob will dictate the Kv and Joule output. Kv is the number of volts generated with each pulse of the Energizer and Joule is the energy that facilitates the Kv to travel to all the Tiles in your Grid.

- Approximate output at ¼ increments of the Blue Control Knob:
  - ¼ Power location: 4.9Kv – Recommended setting
    - If arcing occurs at this setting, simply turn the Power Control Knob counter clockwise until arcing stops.
  - ½ Power location: 5.9Kv – Recommended setting (Next Level)
    - If arcing occurs at this setting, simply turn the Power Control Knob counter clockwise until arcing stops.
  - ¾ Power location: 7.3Kv – Not Recommended as your Grid will arc excessively
  - Full Power (knob turned all the way to the right: 8.1Kv – NOT RECOMMENDED as your Grid will arc excessively and larger critters in your environment



25% Power\*

50% Power\*

75% Power\*\*

Full Power\*\*

\*Recommended

\*\*NOT Recommended for daily operation. Can be used for extreme protection scenarios.

○