

# ECT Cartridge

*Enhanced Cellular Technology*

## Replacement Manual



Manufacturer of Pulsation Control Products

[www.performancepulsation.com](http://www.performancepulsation.com) | [sales@performancepulsation.com](mailto:sales@performancepulsation.com)  
3309 Essex Dr. Suite 200, Richardson, Texas 75082 | Phone: 972.699.8600 | Fax: 972.699.8602

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## ECT CARTRIDGE REPLACEMENT

This manual describes operating practices and maintenance procedures applicable to ECT Cartridge Replacement manufactured by Performance Pulsation Control, Inc. (PPC). The information contained herein reflects recommendations based on industry best practices and recognized safety protocols. Use of the information and procedures contained in this manual is voluntary and is to be implemented at the sole discretion of the user. The user is at all times responsible for operating and maintaining pulsation dampeners in a manner that is safe, conforms to the owner's established business practices, and is in conformance with applicable regulations.

**NOTE:** Please read all instructions carefully before proceeding with the installation, operation, and charging of this equipment. Contact Performance Pulsation Control for assistance or questions concerning the information in this manual.

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## ECT CARTRIDGE REPLACEMENT

### MATERIALS NEEDED:

- General Hand Tools

1. Shut down pump and bleed line pressure with bleeder valve on stabilizer. Bleed pressure from cartridge/bladder if pressure present.



2. Loosen top (based on union, threaded or Victaulic type) and expose cartridge top. *Victaulic type shown below.*



3. Lift cartridge from stabilizer case.



4. Inspect and clean inside of shell, groove and clamp.



5. Install the new cellular tube. Be sure not to drop in unit as this can damage seals (O-rings).



6. Ensure O-rings are installed in grooves on new cartridge. Grease the O-ring and threads with the appropriate anti-seize compound.



7. Replace clamp and tighten fasteners to secure cellular tube.



8. Open the bleeder valve and begin pump startup process.

9. When fluid comes through bleeder valve, close it.

### NOTICE

There may be fluid discharge from valve. Take appropriate steps to capture fluid if necessary.