

Technical Bulletin



**The Energy
Conservatory**

Bulletin 200

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Recommended Early Recalibration of DG-2, DG-3 and APT Systems Purchased From January 2000 – September 2001

The recommended calibration interval for all DG Series Digital Pressure Gauges (Models DG-2 and DG-3) and APT Systems purchased from The Energy Conservatory (TEC) is 12 months. Periodic recalibration of the pressure sensors contained within these devices is necessary due to small changes in the sensor output over time (i.e. sensor drift). The recommended 12 month calibration interval is designed to maintain the following published pressure measurement accuracy specifications for these devices.

Published Pressure Measurement Accuracy Specifications (DG-2, DG-3, APT Systems):

- +/- 1% of reading or 2 times the resolution (0 to 800 Pascals - bi-directional).
- +/- 2% of reading (800 to 1,000 Pascals - bi-directional).

TEC has recently become aware that some of the pressure sensors installed in Digital Gauges and APT systems between January 2000 and September 2001 may experience a larger than expected drift in sensor output during the first 3-12 months of operation. As a result, we are advising that all units purchased within this time period be sent back to The Energy Conservatory for a “no-charge” recalibration of the device. Once the Gauge or APT System has been recalibrated, the standard 12 month calibration interval will once again apply to the device. The following serial numbers are included in this advisory:

- DG-2: Serial #'s 7275 through 7422
- DG-3: Serial #'s 3850 through 5264
- APT-2: Serial #'s 182 through 262
- APT-3/8: Serial #'s 129 through 262

Gauges and APT Systems needing recalibration should be sent to:

The Energy Conservatory, Inc.
2801 21st Ave. S., Suite 160
Minneapolis, MN 55407
Attn: Instrument Recalibration TB 200

Please include a letter referencing Technical Bulletin 200 along with shipping instruction for returning the recalibrated device. We apologize for any inconvenience this may cause you.