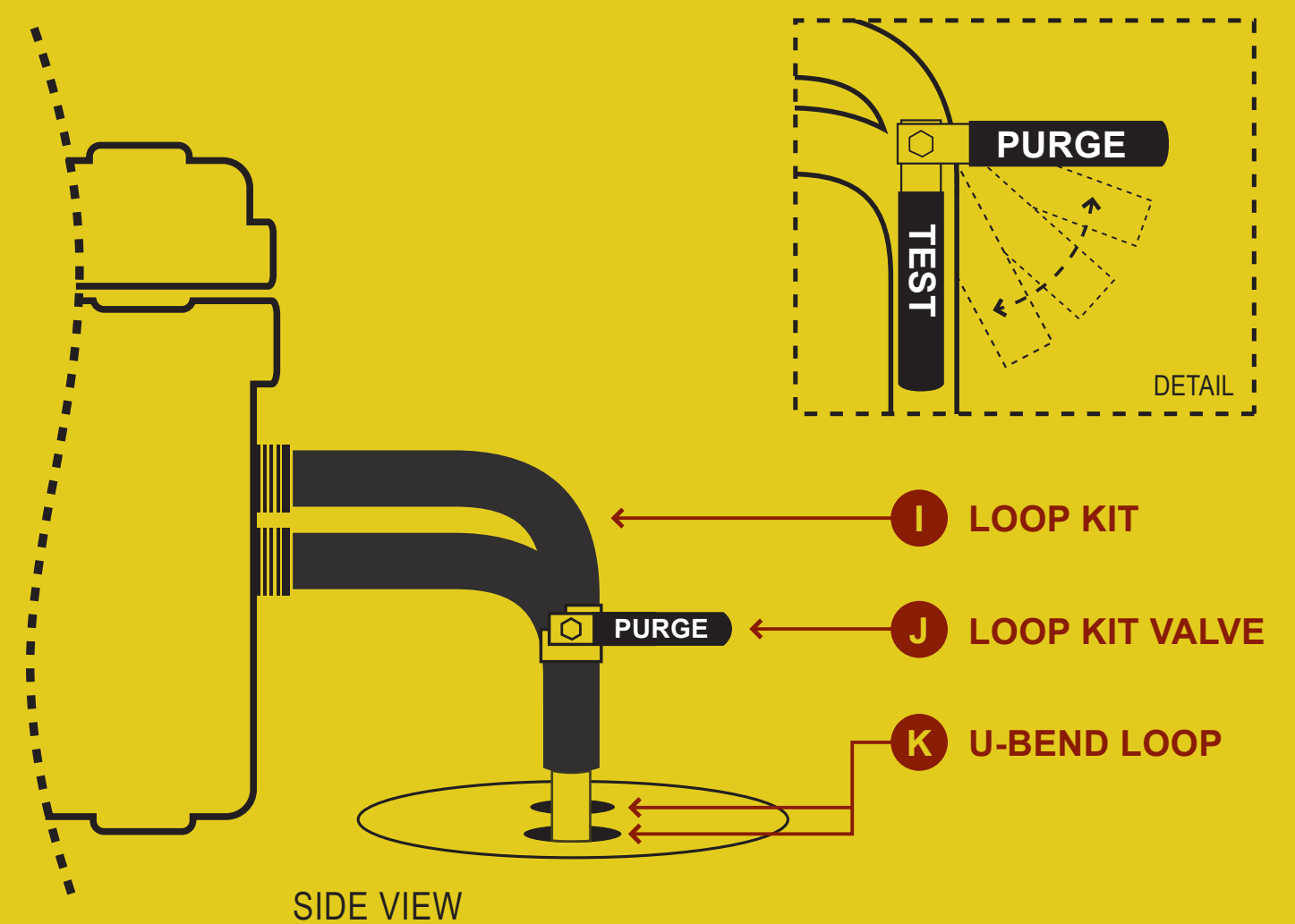
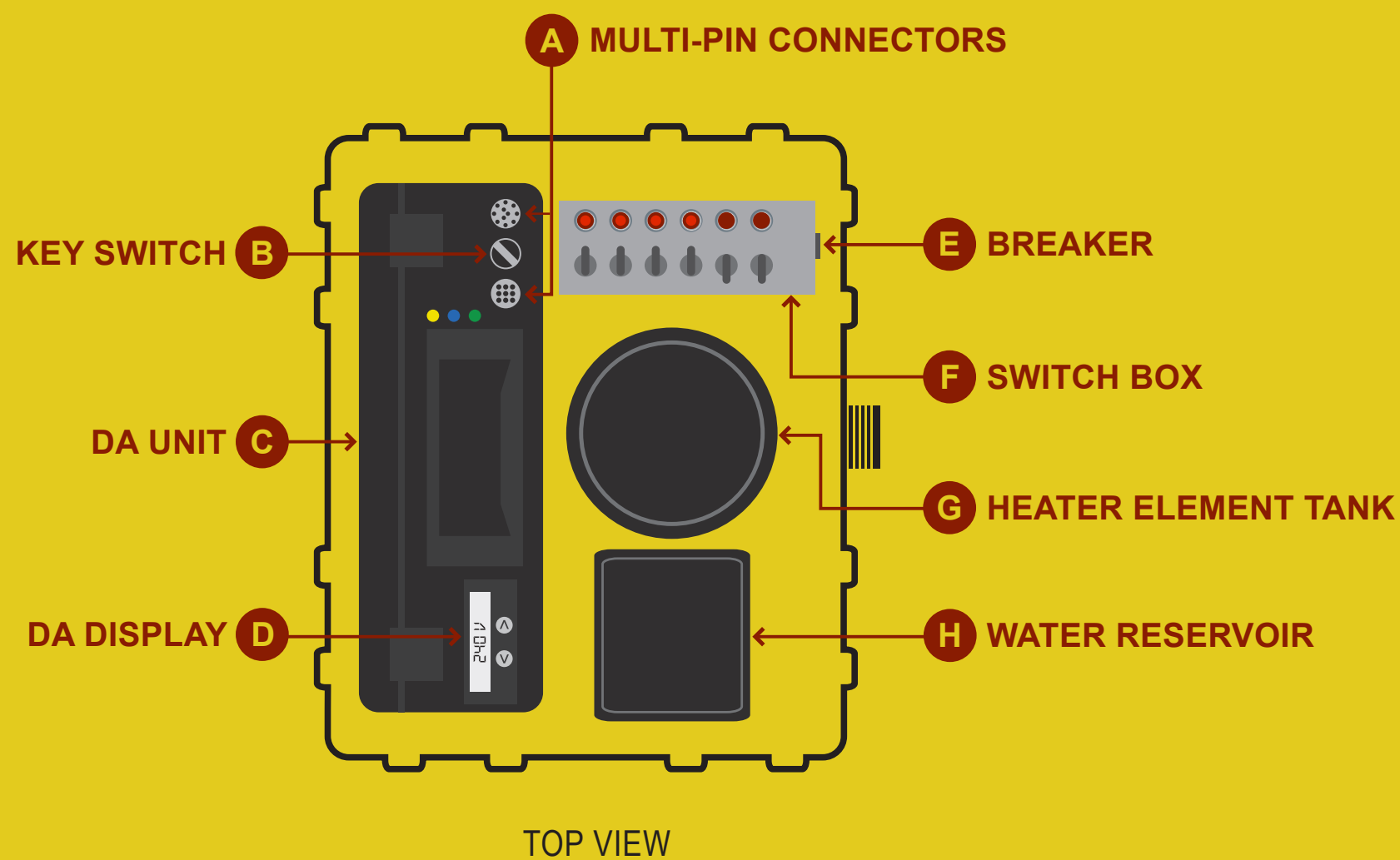


IMPORTANT! READ OPERATING INSTRUCTIONS BEFORE STARTING THIS UNIT.

The operator is required to provide 1" male pipe thread adapters and clamps for the loop pipes as well as the electrical power source for the unit.



1) SET UP FTC UNIT

- Fill U-Bend Loop (K) completely with water.
- Connect Loop Kit (I) to loop pipes and to the right side of the FTC Unit.
- Connect unit to **240V, SINGLE PHASE** power source. Install test equipment ground rod.

2) SET UP DA UNIT

- Place DA Unit (C) into FTC Unit and attach Multi-Pin Connectors (A).
- Turn on Key Switch (B), green light should illuminate. Flip on Breaker (E). Turn DA Toggle Switch located on Switch Box (F) to "ON", red light should illuminate.
- Using DA Display (D) verify voltage is at 240V and check temperature readings.

3) PURGE FTC UNIT

- Turn Loop Kit Valve (J) to PURGE position as shown above.
- Fill Water Reservoir (H) with water.
- Flip Pump Toggle Switch located on Switch Box (F) to "ON". Run for 2 minutes (minimum).

4) PURGE U-BEND

- Turn Loop Kit Valve (J) to TEST position as shown above.
- Top off Water Reservoir (H) with water.
- Circulate water for **45 minutes**. Check/fix any leaks.

ALLOW FULL 45 MIN. CIRCULATING TIME
Undisturbed formation temp is recorded during this step.

5) PERFORM CONDUCTIVITY TEST

- Flip "ON" required heating element switches on Switch Box (F).
- Verify voltage, current and temperature readings on DA Display (D).
- Insulate exposed loop pipes, install insulated GRTI covers.
- After test duration of 40-48 hours, flip "OFF" all toggle switches, breaker (E) and Key Switch (B).

6) TAKE DOWN EQUIPMENT

- Turn off power source and disconnect equipment.
- Drain water from unit.
- Contact GRTI at the number below to download data from DA Unit (C).

QUESTIONS? (866) 991-4784