QED’s revolutionary Quick-Change Orifice Plate Wellhead (U.S. Patent No. 8,800,597 & Patents Pending) combines easy plate exchanges for more accurate flow measurement with precise adjustment of gas flow, especially at very low rates (under 10 scfm).

Changing to the correct orifice plate takes only seconds, with no time wasted shutting down the control valve or retuning the well. The removable dust cover permits easy confirmation of plate size, giving you the highest confidence in your flow measurements.

The Precision Fine Tune™ Control Valve provides rigorous control of gas flow. Unlike traditional “gate” type valves, this unique design achieves a more linear flow rate adjustment across the entire range of valve movement.

All-new construction of molded, glass-filled polypropylene boosts strength and upgrades resistance to harsh field conditions, significantly increasing wellhead durability. Additional improvements, including easier hose fitting and simpler service, save valuable field time and help reduce maintenance and labor costs.

Serviceable Control Valve
Just remove 4 machine screws on the Precision Fine Tune™ Control Valve for simple, quick maintenance in the field.

Easier to Attach Hose
QED’s Solarguard™ Flex Hose slides over the tapered hose connection for fast, secure attachment.

Molded Construction
Glass-filled polypropylene makes the wellhead stronger, withstands heat better (200 °F vs 140 °F), and is UV-resistant.

Convenient Control Valve
New snap-together design, with no glued joints, allows the valve to be pivoted for custom orientation.
**Quick-Change™ Orifice Plate Wellhead for 2” LFG Wells**

**Specifications:**

- **Wellhead Model:** ORP215M
- **Flow Range:** 0-125 scfm (0-212 m³/h)
- **Wellhead Materials:** Glass-filled polypropylene, Viton®
- **Orifice Plate Kit:** 40770
  - set of 6 Nylon plates:
    - 0.40” (10 mm)
    - 0.50” (13 mm)
    - 0.75” (19 mm)
    - 1” (25 mm)
    - 1.25” (31 mm)
    - 1.40” (35 mm)

**Changing and Cleaning Orifice Plates**

It's as easy as 1, 2, 3: just loosen the winged collar with a half-turn, change the plate size or clean off the existing plate, then tighten the collar with another half-turn. Using the right size orifice plate provides more accurate flow data, and helps you avoid common errors in flow calculations.

**Easy Port™ Wellhead Fittings**

The 1st barbed LFG wellhead fitting with a screw-on cap.

QED's Easy Port™ Fittings (Patent Pending) are engineered specifically for LFG wellheads. Made with fiber reinforced engineered plastic, they have a screw-on cap that seals tightly, making them bird-proof. The sample ports have heavy walls to reduce heat loss and freezing, and are UV protected for much longer field life. The cap seals tightly but can be easily removed with a simple twist, and it is tethered to the fitting so it cannot be dropped or lost.

**Orifice Plate Flow Calculator**

Use the ORP Flow Calculator to determine the best orifice plate for your site conditions.
www.qedenv.com/orpcalculator

**Orifice Plate Selector Guide**

This handy Selector Guide can be folded up and kept with you in the field. Download the Guide or request a printed version from QED at:
www.qedenv.com/landfills