

Maintaining High Gas Quality

Components of a Well-Balanced Well Field (3 of 4)

UV-Resistant Flex Hose
New Landfill Gas Flex Hose remains pliable longer and resists cracking, helping to reduce leaks.

TEMPERATURE PORT

LOW DIFFERENTIAL PORT

GAS QUALITY/
HIGH DIFFERENTIAL PORT

Sampling Port with Twist-on Cover
First barbed fitting with a twist-on cap.

- Leak-proof
- Bird-proof
- Drop-proof
- UV-resistant
- Ruggedized
- Resistant to water buildup
- Corrosion-proof
- Freeze-resistant

AVAILABLE VACUUM PORT

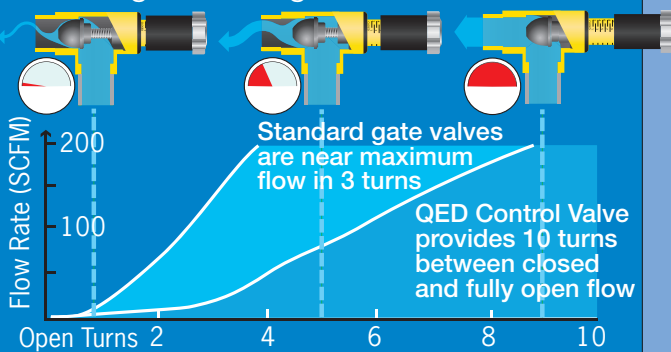
Fine Tune™ Control Valve
Allows precise adjustment of applied vacuum and gas flow, even below 10 scfm, to maintain a negative pressure on the well and maximize methane concentration while avoiding oxygen and balance gas intrusions.

Winged Collar
A half-turn of this ergonomic collar releases the orifice plate for quick and easy changes.

Quick-Change™ Orifice Plates
Using the right size to achieve a pressure drop of 0.5 to 5.0 inches of water column is essential to accurately measure and control gas flow.

Easy Access Well Cap
With QED's Well Cap there is no need to remove the wellhead to take liquid level measurements, preventing air leaks into the system.

New QED control valve design outperforms common globe and gate valves

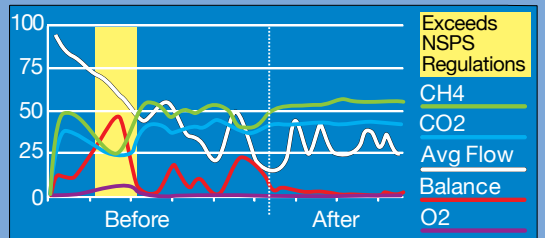


Gate valves are fully open and near maximum flow after just 3 turns. Whereas, the QED Fine Tune™ Control Valve takes 10 full turns to be fully open, allowing for precise gas flow.



Mr. Wellhead Says...

Dial down the flow to avoid over-pulling air into the well.



Case Study: Increase gas flow and maintain compliance
Before: Balance gases fluctuated, and oxygen concentrations put the well out of compliance.
After: With installation of a Fine Tune™ Control Valve balance gases and oxygen levels decreased, keeping the well in compliance.

Landfill Gas Flow/Methane Calculator

Input your gas flow and calculate the potential increase in annual revenue.

Starting Value		Ending Value	
Landfill Gas Flow	364	Landfill Gas Flow	364
Annualized LFG	17,870,400	Annualized LFG	19,972,800
Methane Content (%)	51	Methane Content (%)	54
Annualized Methane	9,113,904	Annualized Methane	10,785,312
Price (\$/MMBtu)	9.113	Price (\$/MMBtu)	10.788
Annual Total \$	18,227.8	Annual Total \$	21,573.62
Current Price	2.00	Additional SCFM	4
Current Annual Value of 1,000 SCFM	536.11	Additional Methane	1,871
Additional Revenue		Additional Methane	3,342.81

www.qedenv.com/landfillgas2

QED
Innovative Environmental Products

www.qedenv.com 1-800-624-2026

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