



For Best Flow Measurements Differential Pressure (DP) should be between 0.5 - 5.0

If DP < 0.5
Use a Smaller Size Plate

If DP > 5.0
Use a Larger Size Plate

The optimal flow rate is obtained when Differential Pressure (DP) is between 0.5 inch WC and 5.0 inch WC. Use the smallest plate that will provide a measurable reading of at least 0.5 inch WC and less than 5.0 inch WC to minimize flow restrictions that can result in wasted energy.

Optimal Flow Range Charts

How to Change Quick-Change™ Orifice Plates

- STEP 1.** Loosen collar with a quarter-turn
- STEP 2.** Change plate
- STEP 3.** Tighten collar and replace dust cover

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Orifice Plate Flow Calculator

Temp (F) _____

Differential Pressure _____

CH4/CO2 Ratio (60/40) or AIR _____

Delta P (inch-H2O) _____

Applied Vac (inch-H2O) _____

Pipe Size 2-inch -

Plate Size (inch) = (pipe) 1.00 (2) -

Results

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Online Orifice Plate Flow Calculator

Use this guide or go online to see which orifice plate best suits your need.

www.qedenv.com/orpcalculator

QED Orifice Plate Selector Guide