

Gas Orifice Flow Meter Calculator

This application calculates the flowrate through a large-diameter orifice using the approach outlined in ISO 5167 2:2003

Orifice meters use the pressure loss across a constriction (that is, the orifice plate) in a pipe to determine the flowrate.

The formulas are valid for

- pipes diameters between 50mm and 1000 mm,
- and pressure ratios greater than 0.75.

Reference: http://en.wikipedia.org/wiki/Orifice_plate



