

BKG-4 Diaphragm Gas Meter

Distributed By:
IMAC Systems, Inc.
PO Box 1605 / 90 Main Street
Tullytown, PA. 19007
Tel: 215 946-2200



Performance:

Max Flow Rate (cfh)	200
Min Flow Rate (cfh)	1.4
Max Working Pressure (psi)	5
Operating Temperature	-40°F - 122°F
Register Capacity (ft ³)	9999999.9

Contact Closure:

Pulses/ft ³	1/1
------------------------	-----

Electrical Ratings:

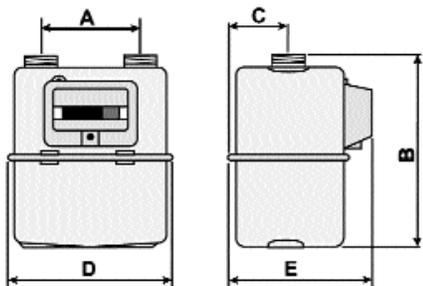
Maximum Voltage	12 VDC
Maximum Current	10 mA
Resistor	0.5 Ohm
Duty Cycle	10% On

Physical:

Case Material	Aluminum
Exterior Finish	Powder-coated
Connection Type	Sprague #1
Gland/Cable (Supplied)	6' of 4-wire
Wire Connections	
IN-Z31:	Green/brown are pulse (N/O) Yellow/white are tamper (N/C)
IN-Z62:	Orange/blue are pulse (N/O) No tamper wires

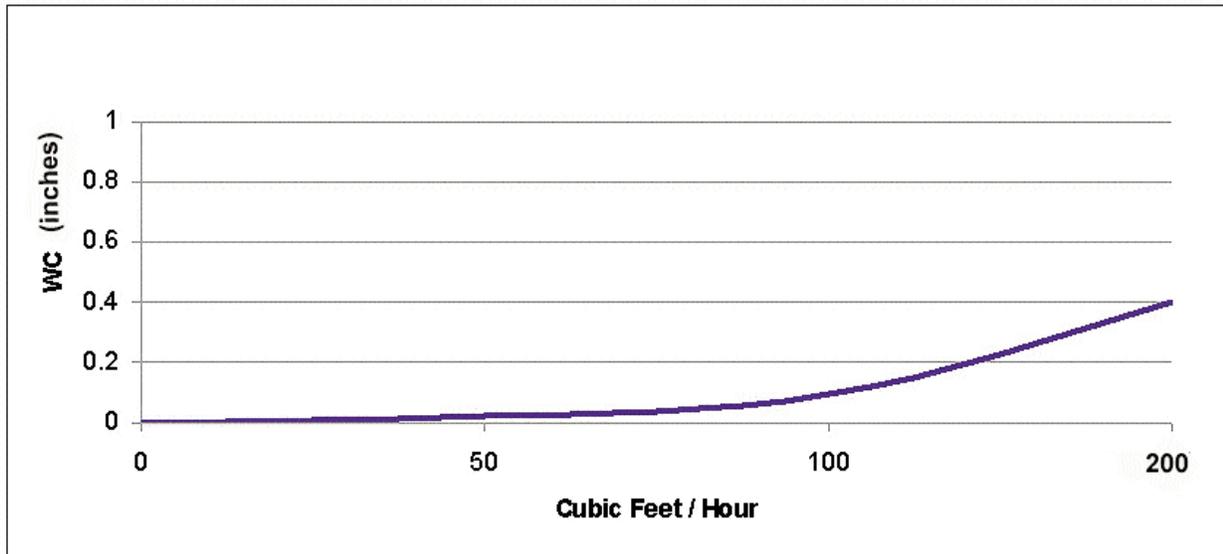
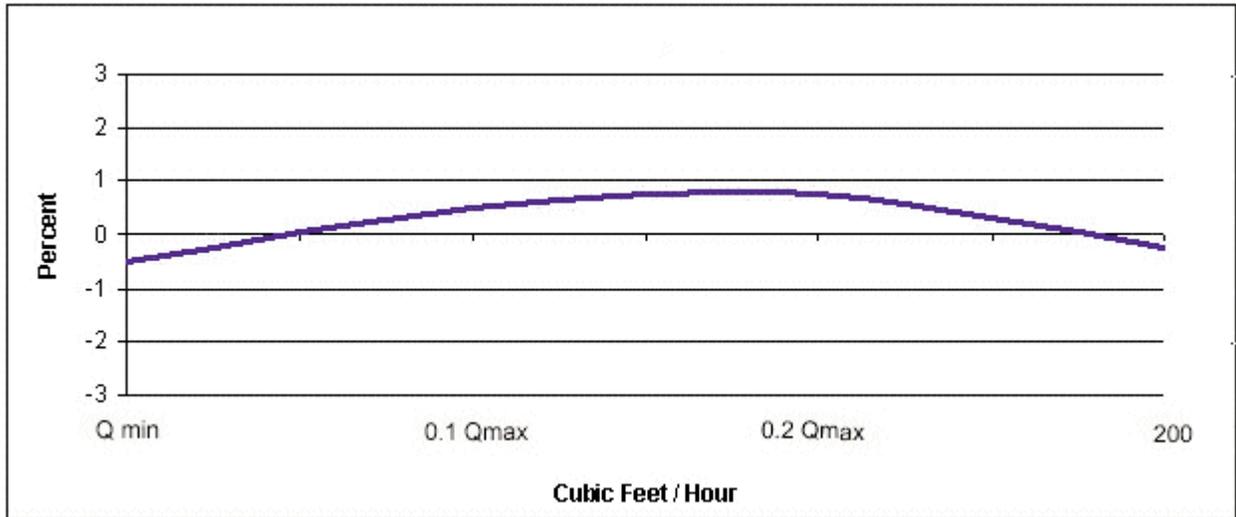
The G4 gas meter is a remarkably small, light-weight meter ideally suited to residential sub-metering applications. Despite its small size, the G4 meter is incredibly accurate and reliable when measuring either natural or LP gas. The G4 is classified as a 200 cubic foot per hour (cfh), non-temperature compensated gas meter with cyclometer register.

The design consists of four measuring chambers separated by synthetic diaphragms. The chambers are filled and emptied periodically and the movement of the diaphragm is transferred via a gear to the crankshaft. This shaft moves the valves that measure the volumetric gas flow. Rotations of the gear are transferred via a magnetic coupling to the index, thus assuring proper sealing of the meter's internal mechanisms. The register includes a reed pulse output for interfacing with remote (hard-wire, telephone, radio) reading and collection devices.



Dimensions

Dimensions (inches)					Weigh (lbs)	Connection threads
A	B	C	D	E		
6.0	8.5	2.6	7.6	6.5	4.5	Sprague #1



IMAC Systems, Inc.
 90 Main Street, PO Box 1605
 Tullytown, PA 19007

1-800-955-4GAS
 Phone: (215) 946-2200
 Fax: (215) 943-2984

sales@imacsystems.com