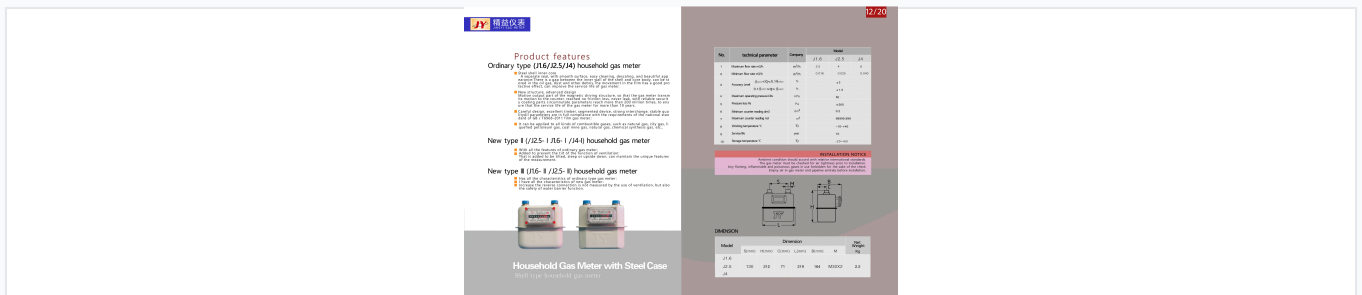


Residential Diaphragm Gas Meter

Diaphragm gas meter designed for measuring gas consumption in residential settings. It features a mechanical counter to display gas usage in cubic meters.



Product Overview



Product features

Ordinary type (J1.6/J2.5/J4) household gas meter

New type I (J2.5-1.6-1) (J4) household gas meter

New type II (J1.6-1/J2.5-1) household gas meter

Household Gas Meter with Steel Case

No.	Technical parameter	Symbol	Unit	Value
1	Rated flow	Q _n	m ³ /h	1.6, 2.5, 4
2	Rated pressure	P _n	kPa	200
3	Accuracy class	—	—	1.5
4	Minimum flow	Q _{min}	m ³ /h	0.016, 0.025, 0.04
5	Maximum flow	Q _{max}	m ³ /h	1.6, 2.5, 4
6	Pressure loss	—	Pa	200
7	Material code	—	—	—
8	Temperature class	—	—	—
9	Temperature range	—	—	—
10	Service life	—	—	10
11	Weight	—	kg	—

INSTALLATION NOTICE

INSTALLATION DIMENSION

A durable household gas meter featuring a steel shell inner core and advanced magnetic driving structure for long-term reliability.

Residential Diaphragm Gas Meter

This residential diaphragm gas meter is designed for precise measurement of various combustible gases, including natural gas, city gas, and liquefied petroleum gas. It features a durable steel shell with an advanced magnetic driving structure, ensuring reliable security and an extended service life of over 10 years. The design includes a separate seal for easy cleaning and maintenance, making it a robust solution for household gas consumption monitoring.

Technical Specifications

Flow Rate Specifications

Model	Max Flow (m ³ /h)	Min Flow (m ³ /h)
J1.6	1.6	0.016
J2.5	2.5	0.025
J4	4	0.04

Operating Parameters

50 kPa Max Operating Pressure	200 Pa Max Pressure Loss	10 years Service Life
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Accuracy Standards

- Accuracy Level: $\pm 3\%$ ($Q_{min} < Q < 0.1Q_{max}$)
- Accuracy Level: $\pm 1.5\%$ ($0.1Q_{max} < Q < Q_{max}$)
- Compliance: GB/T6968-2011

Environmental Requirements

Temperature Ranges

-10 °C

Working Temp Min

40 °C

Working Temp Max

-20 °C

Storage Temp Min

60 °C

Storage Temp Max

Physical Dimensions

Dimensions (mm)

Model	S	H	C	L	B
J1.6 / J2.5 / J4	130	212	71	219	164

Net Weight

2.2 kg

Features

Key Features

Steel Shell Inner Core • Magnetic Driving Structure • Easy Cleaning & Descaling • Anti-Tilt Functionality • Reverse Connection Protection

Compatible Gases

Natural Gas, City Gas, Liquefied Petroleum Gas, Coal Mine Gas, Chemical Synthesis Gas