LQ Series Gas Pressure Regulator

Medium/Low Pressure · Over/Under-Pressure Shut-Off



Product appearance for reference

MAIN TECHNICAL PARAMETERS

Nominal Size (DN) **DN50, DN65, DN80, DN100, DN150 (LQ50~LQ150)**	Construction Type **Direct-acting (spring-loaded; combined regulation and shut-off)**
Max. Inlet Pressure **0.4 MPa**	Outlet Pressure Range **1.5~50 KPa**
Accuracy Class **AC10**	Lock-up Pressure Class
Operating Temperature	Connection Type **Flanged**
Applicable Medium **Natural gas, manufactured gas, LPG and other non-corrosive gases**	Safety Configuration **Overpressure/under-pressure auto shut-off (integrated over/under-pressure shut-off)**

PRODUCT FEATURES

- Modular structural design
- Overpressure/under-pressure auto shut-off (integrated over/under-pressure shut-off)
- Remote transmission control and alarm interfaces reserved
- Fast response; large flow capacity
- Fully balanced valve plug design for high regulation accuracy
- Simple structure, easy maintenance

Flow Capacity

Unit m^3/h · Standard-condition flow

Outlet ↓ Inlet →	Inlet Pressure (MPa)						
	Outlet (kPa)	0.02	0.05	0.1	0.2	0.25	0.3
1.5	1055	1700	2430	3200	3800	4200	5100
2.5	1025	1700	2430	3600	4230	4800	6000
3	1010	1700	2430	3600	4230	4800	6000
4	990	1700	2430	3600	4230	4800	6000
6	930	1700	2420	3600	4230	4800	6000
8	880	1640	2420	3600	4230	4800	6000
10	800	1610	2420	3600	4230	4800	6000
12	730	1590	2410	3600	4230	4800	6000
15	570	1540	2410	3600	4230	4800	6000
25	-	1350	2360	3600	4230	4800	6000
30	-	1000	2200	3600	4230	4800	6000
50	-	-	2100	3600	4230	4800	6000

Matrix shown for representative size DN100 (LQ100); — = not applicable. Rows = outlet pressure (kPa); columns = inlet pressure (MPa).

Standard Price	MOQ	Monthly Capacity	Lead Time
On request · Final quotation to prevail	**On request · Final quotation to prevail**	**On request · Final quotation to prevail**	**On request · Final quotation to prevail**

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