

Pre-engineered for shorter lead times, API 682 and general industry applications

Maximize the performance and reliability of dual pressurized gas and containment seals for pumps and specialty equipment with the standardized Gas Panel Series from Flowserve.

Lead times have been shortened by as many as 12 weeks by utilizing pre-engineered components and configurations. The gas panels are manufactured at Flowserve production facilities around the world for quick delivery to enable customers to meet their project timelines.

This assemble-to-order (ATO) approach also provides customers with faster quotations and lower costs compared to customized or engineered solutions.

Self-contained, easy-to-use configurations

The Gas Panel Series combines flow monitoring and control elements in a self-contained, easy-to-use system for successful operation of pressurized or unpressurized mechanical seals.

Configurations are available to support API 682, general industrial pump and specialty equipment seals. The Gas Panel Series comes with Plan 72 and Plan 74 options and a wide variety of instrumentation.

Customer benefits

- **Significantly reduce lead times** with standardized components and pre-engineered options.
- **Ensure required control** for the proper function of the mechanical seal with instrumentation options for indicators, switches and transmitters.
- **Achieve API 682 4th edition compliance** with an optional configuration.
- **Meet demanding application requirements** with optional all-stainless steel construction.
- **Handle maximum allowable working pressure (MAWP)** up to 34.5 bar (500 psi).
- **Reach high flow rates** up to 42,500 l/h (25 cfm) with a specialty seal configuration.
- **Standardize the back panel size** throughout a system or plant.
- **Provide easier installation** and maintenance with an optional stand.



A72GEOB0S0V535

Industries and applications

- **Chemicals**
 - Basic (organic and inorganic)
 - Biofuels
 - Petrochemicals
 - Pharmaceutical
 - Specialty (fine and consumer)
- **General industries**
 - Corn wet milling and ethanol
 - Food and beverage
 - Mining
 - Pulp and paper
 - Steel and primary metals
- **Oil and gas**
 - Downstream processing
 - Midstream transportation
 - Upstream exploration and production
- **Power**
 - Biomass and municipal solid waste
 - Combined cycle
 - Concentrated solar power (CSP)
 - Conventional steam
 - Geothermal
 - Nuclear
- **Water**
 - Agriculture and irrigation
 - Flood control system
 - Wastewater
 - Water management

Configuration code

Example: **A 74 G C 0 1 0 A C V3 134**

Industry	
Pump seals for API 682 4 th ed.	A
Pump seals for general industries (non-API) or for mixer seals	N
Specialty equipment (higher-flow)	C

Model	
Plan 74	74
Plan 72 (with needle valve)	72

Instrument Region	
Global	G

Pressure-Indicating Options	
No pressure indicator/transmitter	0
Pressure indicator (0 to 15 psi [0 to 1 bar]) Ashcroft	A
Pressure indicator (0 to 30 psi [0 to 2 bar]) Ashcroft	B
Pressure indicator (0 to 100 psi [0 to 7 bar]) Ashcroft	C
Pressure indicator (0 to 500 psi [0 to 35 bar]) Ashcroft	D
Pressure transmitter Hart (E&H) with block and bleed valve	E
Pressure transmitter Fieldbus (E&H) with block and bleed valve	F
Pressure transmitter Hart (E&H) without block and bleed valve	G
Pressure transmitter Fieldbus (E&H) without block and bleed valve	H
Pressure transmitter Hart (Rosemount) with block and bleed valve	I
Pressure transmitter only Fieldbus (Rosemount) with block and bleed valve	J
Pressure transmitter Hart (Rosemount) without block and bleed valve	K
Pressure transmitter only Fieldbus (Rosemount) without block and bleed valve	L

Other Pressure Instrumentation Options	
No pressure switch	0
Pressure switch fall — (UE) 10 to 100 psi [0.7 to 7 bar] (falling pressure) (EX)	1
Pressure switch fall — (UE) 10 to 100 psi [0.7 to 7 bar] (falling pressure) (IA)	2

Primary Flow Measurement Options	
No flow measurement	0
Flow indicator (L/M) [Brooks, 0.1 to 2.5 l/m]	1
Flow indicator (Brooks 0.2 to 11.4 l/m)	2
Flow indicator (SCFH) [Brooks, 0.25 SCF/H]	3
Flow indicator (SCFH) (Brooks, 2.5 to 25 SCF/H)	4
Flow indicator (SCFH) with CRN [Brooks — range: 1.6 to 7.9 SCF/H]	5
Flow indicator (SCFH) with CRN [Brooks — range: 2.5 to 25 SCF/H]	6
Flow indicator (API) [L/H] — (Krohne) range: 15 to 150 l/hr	7
Flow switch — (Krohne) range: 15 to 150 l/hr	A
Flow transmitter Hart (Krohne) range: 15 to 150 l/hr	B
Flow transmitter Hart (Krohne) range: 150 to 900 l/hr	C
Flow indicator (SCF/M) [Dwyer (4 to 25 SCFM)] for Circpac™ panel	D
Flow transmitter — (Brooks 3809A) for Circpac panel	E

Other Options	
0	No other option
1	Plan 72 with 3 mm (1/8 in.) orifice
2	Swagelok tube fittings only
3	Support stand
4	Drain valve at filter
5	With needle valve for flow control

Valve Options	
V0	Without any valves
V1	Inlet ball valve
V2	Outlet ball valve
V3	Inlet and outlet ball valves
V4	Bypass valve
V5	Bypass and inlet ball valves

Certification Options	
0	No certification
C	CRN certification

Pressure Regulator and Filter Materials	
A	Aluminium
S	Stainless steel
1	Aluminium pressure regulator combined with filter for Circpac panel

Secondary Flow Measurement (Dual Indicator) Options	
0	No secondary flow measurement
1	Flow indicator (L/M) [Brooks, 0.2 to 11.4 L/M] flow
2	Indicator (SCFH) [Brooks, 2.5 to 25 SCF/H]
3	Flow indicator (SCFH) with CRN [Brooks — range: 2.5 to 25 SCF/H]



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