



## Series 472, Single Port Valve

Bulletin SSIN062 Issue/Rev. 0.0 (11/16)

**We put you first.  
And keep you ahead.**

The INVALCO Series 472 is ideal for installation on the firetube gas supply line. The valve is installed on the firetube gas supply line in an upside down position downstream from the low water fuel gas shut-in valve. The upside down position allows all condensation to be drained from the diaphragm case.

### Features

- » **3 Trim Designs**
- » **Replaceable Seat**  
Reduced repair cost.
- » **Stainless Steel Trim**  
Longer life/reduced cost.



Series 472 Cast Iron Valve

### Standard Specifications

Body Material
Brass
End Connections
1" NPT
Body Cover
Brass
Diaphragm Operator
Cast Aluminum
Diaphragm
DXSG-101-472
Diaphragm Material
10 sq. in.
Max. W.P. (Diaphragm)
50 psi
Temp Limits (Diaphragm)
-20F to +350F

### Standard Specifications - continued

Packing
O-Ring
Temperature Limits
-20°F to 250°F
Stem Material
303 Stainless Steel
Plug and Seat
Soft Seat

- NOTES:
1. Standard topworks is direct action (normally closed) with 65 sq. in. effective area.
  2. Cv and Cg values are for fully open inner valve.
  3. Part numbers applicable only when valve desired is exactly as described above.
  4. To order specify Model Number, Part Number, Trim Description.
  5. See attached parts list.

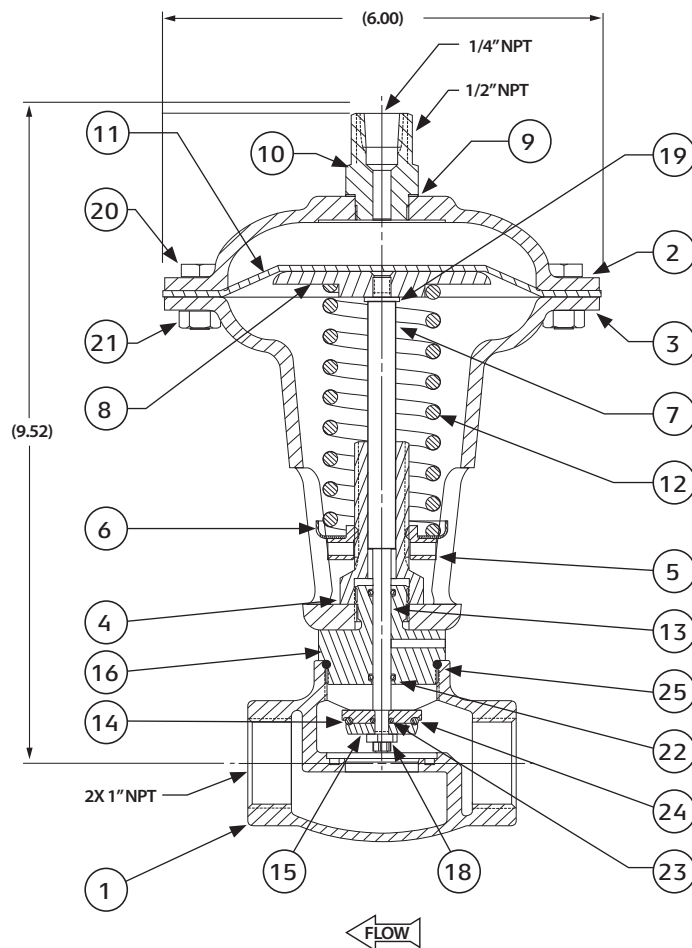
### Ordering Information

Size	Model	Max W.P.	Full Open		Part No.	Weight (lb)
			Cv	Cg		
1"	DXSG-101-472	125 psi	12	65	80005117	6.75



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Parts			
Item	Description	Qty.	Part No.
1	Golbe Body	1	P540928
2	Diaphragm Case	1	45003287
3	Diaphragm Spring Case	1	45003336
4	Sleeve	1	45003337
5	Adjusting Nut	1	45003338
6	Spring Rest	1	45003339
7	Stem	1	45003341
8	Diaphragm Plate	1	45003342
9	Gasket	1	45003344
10	Adapter	1	45003345
11	Diaphragm #5	1	45003463
12	Compression Spring	1	45008532
13	Stem	1	45016095
14	Plug	1	45016104
15	Seal Retainer	1	45016105
16	Body Cover	1	45016106
17	Plug 1/4" NPT	1	45002595
18	Nut Flexloc	1	45005760
19	Lock Washer Regular 1/4	1	65006386
20	Cap Screw, Hex Head, 5/16 x .75LG	8	65002073
21	Hex Nut 5/16	8	65002100
22	O-Ring Uniform #010	2	P541158
23	O-Ring Uniform #008	1	P541159
24	O-Ring Uniform #117	1	P541147
25	O-Ring Uniform #127	1	P541156



Dimensions -- Inches to the nearest tenth (millimeters to the nearest whole mm), each independently dimensioned from engineering drawings.

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**USA Operation**  
1602 Wagner Avenue  
Erie, Pennsylvania 16510 USA  
P: +1 814.898.5000

**FMC Technologies**  
Measurement Solutions, Inc.  
500 North Sam Houston Pkwy West,  
Suite 100  
Houston, TX 77067 USA  
P: +1 281.260.2190