

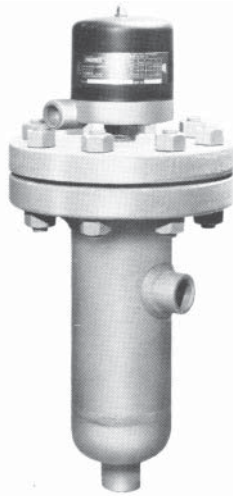


PRODUCT DATA SHEET

Model 764F, 766F & 768F

Double Actuator Flanged
Chamber Mounted Controls

("F" Chamber)



**Factory Calibrated to each applications
Specific Gravity**

**Hydrostatically Tested at 1.5 times the
maximum design pressure**

Available in CS, 304SS, 316SS

CSA & UL Approved

The Omnitrol Models 764F, 766F & 768F Double Actuator Flanged Chamber Mounted Controls

Models 764F, 766F and 768F are double actuator flanged chamber mounted units.

Switching differentials for standard specific gravity settings are shown in Table A on reverse side. Maximum specific gravity for these controls is 1.4. Standard process connections are 1" NPT. Other sizes and configurations are available.

The lower switching point of the lower actuator is 8-1/4" below the centerline of the horizontal connection of the chamber. Switching gap at standard specific

gravity will be set at 4" unless otherwise specified, but may vary from a minimum of 2" on all models to a maximum of 4" on the 4" model and maximum of 6" on the 6" and 8" models.

These models are available in various pressure ranges shown in Table B. The desired pressure rating of the controls is included in the model number.

These models have dual actuators and are available with graphite displacers.





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Double Actuator Flanged Chamber Mounted Controls

Model Number	Standard Specific Gravity Setting	Switching Differential At Standard Setting	Minimum Setting Available on Special Order
764	.75	2"	.50
766	.65	7/8"	.50
768	.55	3/4"	.50

* (1) Lower Switching Point of Upper Actuator

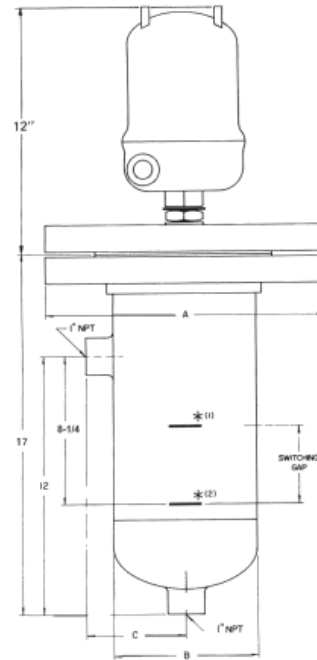
* (2) Lower Switching Point of Lower Actuator

The 760 Series are not available for interface applications.

TABLE A

Model Number	Maximum Pressure Rating at 500F (PSIG) (Table "G")	Body Size (inches)	Dimensions		
			A	B	C
764	150	4	9	4-1/2	3-1/2
766	150	6	11	6-5/8	4-1/2
768	150	8	13-1/2	8-5/8	5-1/2
764	300	4	10	4-1/2	3-1/2
766	300	6	12-1/2	6-5/8	4-1/2
768	300	8	15	8-5/8	5-1/2
764	600	4	10	4-1/2	3-1/2
766	600	6	12-1/2	6-5/8	4-1/2
768	600	8	15	8-5/8	5-1/2
764	1000	4	10-3/4	4-1/2	3-1/2
766	1000	6	14	6-5/8	4-1/2
768	1000	8	16-1/2	8-5/8	5-1/2

***Optional Flanged Connections**



All designs subject to change. Certified dimensions and specifications available upon request.

INFORMATION REQUIRED TO ORDER:

76(4,6,8)- DEF - GH - IJ - KL

Chamber Type/Material _____

Displacer Material _____

Switch Housing _____

Max. Working Pressure _____

Chamber Process Connection Size _____

Switch Type _____

Specific Gravity _____

Chamber Connection Distance _____

Specials _____



5911 Butterfield Road, Hillside, Illinois 60162

Phone: (708) 236-6000

Fax: (708)236-6006

an L&J Technologies Company E-mail: sales@ljtechnologies.com

http://www.ljtechnologies.com

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