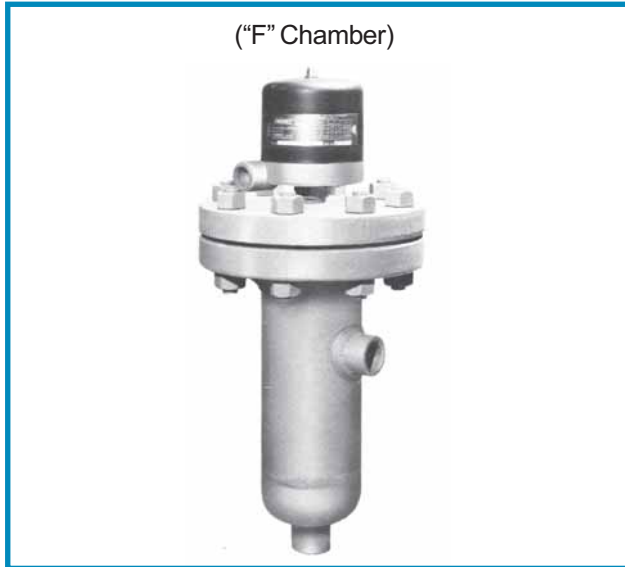




## PRODUCT DATA SHEET

# Model 764F, 766F & 768F

Double Actuator Flanged  
Chamber Mounted Controls



**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

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 figure number.

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



**PRODUCT DATA SHEET**

**Model 764F, 766F & 768F**

**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

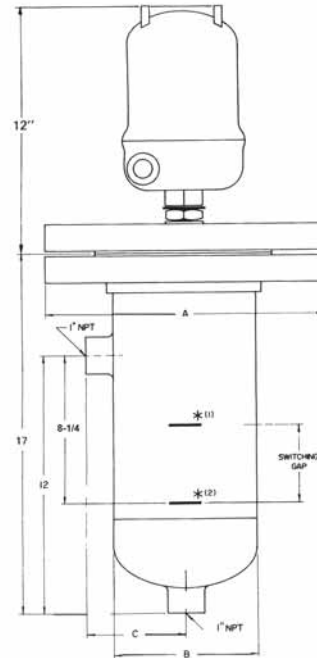
\* (2) Lower Switching Point of Lower Actuator

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)-D-E-F-G-H-I-J-K-L**

Chamber Type/Material \_\_\_\_\_  
 Displacer Material \_\_\_\_\_  
 Switch Housing \_\_\_\_\_  
 Max. Working Pressure \_\_\_\_\_  
 Chamber Process Connection Size \_\_\_\_\_  
 Switch Type \_\_\_\_\_  
 Specific Gravity \_\_\_\_\_  
 Chamber Connection Distance \_\_\_\_\_  
 Specials \_\_\_\_\_

