

The Model 5127 "Freezeless" Dump Valve is designed for fluid control in oil and gas separators and other process vessels. The valve's body design allows the plug and seat to be constantly submerged in the process media, thus giving the valve its "freezeless" characteristic.

Features:

- **Maintenance Ease** - Maintenance made simple by a hammer nut closure. This allows the valve body to be left attached to the vessel while the trim or packing is replaced. No special tools are required.
- **Simple Installation** - Compact, light-weight design enables quick, easy installation with minimal labor requirements.
- **Variety of Valve Trims** - Available in 316 SST (standard) or Tungsten Carbide (optional) trim material, size 1/4", 3/8", or 1/2".
- **Bonnet Safety Pressure Relief** - Special design of hammer nut provides warning indication if an attempt is made to remove the actuator while the valve body is still under pressure.
- **Variety of Actuators** - The spring-opposed diaphragm actuator is available in adjustable (Figure 1) and non-adjustable (Figure 2) configurations for either reverse (fail close) or direct (fail open) acting applications.
- **Marine Option** - Makes this dump valve ideally suited for harsh marine environments where corrosion and salt build-up are a problem. A combination of stainless steel parts and special actuator preparation makes the "Marine Option" a valuable feature.
- **"NACE" Option** - Materials of construction which comply with NACE MR-01-75 specifications are available upon request.
- **Pressure Rating** -
1500 psi working pressure with #35 Actuator.
3000 psi working pressure with #70 Actuator.



Figure 1. Model 5127 with Adjustable Actuator



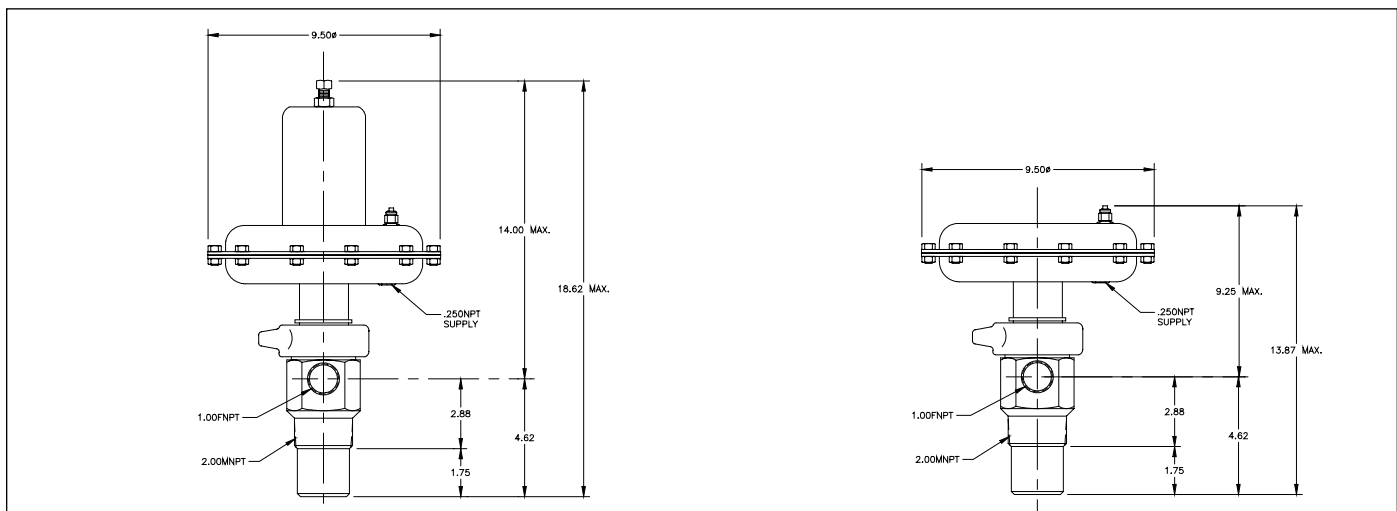
Figure 2. Model 5127 with Non-Adjustable Actuator

Model Number Information

Sample Model Number: 5127 - **2** **C** **35** **B** - **3** **3** **Q**

PROCESS CONNECTION	CODE
2" mnpt x 1" fnpt	2
ACTUATOR TYPE	CODE
Direct Acting (Fail Open) Non-adjustable	B
Reverse Acting (Fail Close) Non-adjustable	C
Reverse Acting (Fail Close) Adjustable	R
ACTUATOR SIZE	CODE
No. 35	35
No. 70	70
SEAL MATERIAL	CODE
Buna	B
Viton	V
MATERIALS OF CONSTRUCTION	CODE
Carbon Steel - Standard Service	-
Carbon Steel - Marine Option	M
Carbon Steel - NACE Option	N
Carbon Steel - Marine, NACE Options	R
TRIM MATERIAL	CODE
Tungsten Carbide	2
316 Stainless Steel	3
TRIM SIZE	CODE
1/4"	2
3/8"	3
1/2"	4
TRIM CHARACTERISTIC	CODE
Quick Opening (on/off)	Q
Modified Percent (throttling)	M

Dimensions:



While this information is presented in good faith and believed to be accurate, Mallard Control Company does not guarantee results based upon such information. Mallard Control Company reserves the right to change the design or specifications of these products without notice.

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