

SERIES 2026 AND 2027A NO-FREEZE VALVES

Since its introduction in 1957, the Series 2026/2027A No-Freeze control valve has been the standard on separators and other process vessels in the oil and gas industry. The body is threaded into the process vessel, allowing the valve plug/seat to be placed into the warm process fluid which will prevent or inhibit freezing due to pressure differential or low ambient temperatures.

Features

- No-freeze body
- Hammer nut enclosure
- Quick access to trim for inspection or replacement
- SST or carbide trim material
- Optional working pressures
- Adjustable and non-adjustable actuators
- Teflon "V" ring, spring loaded packing
- Optional NACE MR0175 materials

Specifications

- Body style: **2026** single port angle, 2.0 inch MNPT vessel connection, 1.0 inch FNPT inlet and outlet, **2027A** single port angle, 2.0 inch MNPT vessel connection, 1.0 inch FNPT outlet only
- 2250 psig or 5000 psig maximum working pressure
- Body material: carbon steel
- Maximum temperature: 180° F (82° C)
- ¼, ⅜ and ½-inch trim sizes



Series 2026 with an adjustable actuator



Series 2027A with a non-adjustable actuator





MODEL CODE

How to Order

1. Select series number
2. Select model code from chart below
3. Select trim size and material

Example: Series 2026, Model S-22TAA-9AA 0.25 440/17-4

VALVE SERIES	
Series 2026	Max WP 2250 psig @ 100° F.
Series 2027A	Max WP 2250 psig @ 100° F.
Series 2029	Max WP 5000psig @ 100° F.

SELECT TRIM MATERIAL	
Series 2026 – 2027A	440/303 SST Valve Plug 17-4PH SST Valve Seat
Series 2029	Carbide/316 SST Valve Plug Carbide/17-4PH SST Valve Seat
Option (NACE)	Carbide/316 SST Valve Plug Carbide/316 SST Valve Seat

2026 S-22 T A A-9AA 0.25 440/17-4

BODY CONNECTION	
Type	Code
Screw (NPT)	S

SERVICE	
Type	Code
Standard	-
NACE MR-01-75	N

BODY RATING	
Working Press.	Code
2250 (ANSI 900)	22
5000	50

ACTUATOR STYLE	
Mode	Code
Reverse – Adj.	T
Direct – Adj.	B
Reverse – Non Adj.	R

TRIM SIZE	
0.25 inch	
0.38 inch	
0.50 inch	

ACTUATOR/SPRING	
Code	Style
9AA	On/off Adj.
9BA	On/off Non-Adj.
12HA	On/off Adj.

SEALS	
Code	Material
A	Buna N (Std)
V	Viton
K	Viton (NACE)

BODY STYLE	
Code	Pattern
A	Angle



Engineered Performance

11122 West Little York • Houston, Texas 77041

Tel: 713-466-3552 • Fax: 713-896-7386

www.norriseal.com

Due to the continuous improvement program at Norriseal, specifications and/or prices are subject to change without notice or obligation. Envirosave is a mark of Norriseal, A Dover Company. All other trademarks contained herein are the property of their respective owners.

© 2007 Norriseal, A Dover Company

2026-0307T