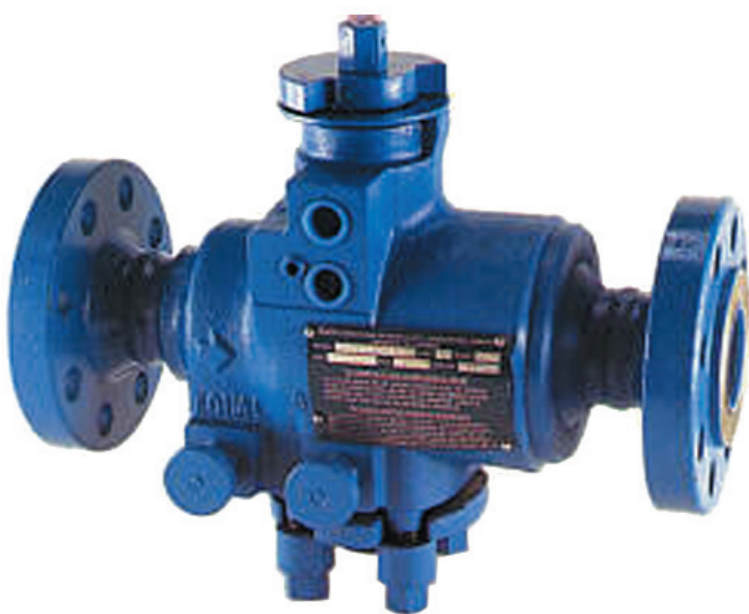


NUFLO™

Single and Dual Chamber Orifice Fittings



Compact design

Rapid method for changing orifice plates under pressure

Self-lubricating Moly-filled Teflon® seals

Periodic lubrication not required

Orifice plate o-ring seal provides positive seal around orifice plate

Positive orifice plate alignment assured with closure of chamber lid and internal ball stop

Functional installation in any alignment (vertical or horizontal installations)

Manufacturing option for Sweet, Sour, Nace, and Low Temperature (-45°C) applications

All fittings pass a 15-minute hydro-static test prior to shipment



Model 4055 Dual Chamber Orifice Fittings

NuFlo Dual Chamber Orifice Fittings* are compact, streamlined and rugged

featuring a simple and rapid method for changing or inspecting orifice plates under pressure. The orifice fittings feature a ball type construction for opening and closing "without" a complicated gear mechanism. The unique construction incorporating a ball closure with spring-loaded, self-lubricating, Moly-filled Teflon® floating seals eliminates any need for periodic lubrication. All NuFlo Orifice Fittings are manufactured in accordance with ANSI, AGA/API and ASTM Standards and available in 2", 3", 4" and 6" sizes.

Standard Specifications

Meter Connections: All NuFlo Dual Chamber Orifice Fittings are provided with two sets of flange taps located 1" on each side of the orifice plate in accordance with the latest AGA/API recommendations. Flange Tap meter connections are 1/2" NPT. Internal tap hole sizes follow latest AGA/API recommendations. Internal edges of tap holes are free from burrs and slightly rounded. Types of NuFlo Dual Chamber Orifice Fittings available:

- Flanged Type, either raised face or ring joint.
- Flangeweld Type, having a weldneck inlet and a flanged outlet.

Model 4042 Single Chamber Orifice Fittings

The NuFlo Single Chamber Orifice Fitting* is designed for use in installations in which the line can be depressurized to change or inspect the orifice plate. Economical and light-weight, the Single Chamber features a simplicity of design with a minimum number of parts. A quick and easy method for removing orifice plates reduces shutdown time to a minimum.

The interchangeability of the orifice plates and retainers between the NuFlo Dual and Single Chamber Orifice Fittings also provides an economy in inventory requirements. Single Chamber Orifice Fittings are available in flangeweld, weldneck, and flanged types.

All NuFlo Single Chamber Orifice Fittings meet AGA/API Specifications. Two sets of 1/2" N.P.T. flange taps are provided on all single Chamber Orifice Fittings. They are available in 2", 3", and 4" sizes for Sweet, Sour, Nace, and Low Temperature Applications.



Fitting Dimensions

Model and Size (600 # RF Flange x Weld Fittings)	Centreline to Top of Fitting	Centreline to Bottom of Fitting	Centreline of Orifice Plate to Upstream End	Centreline of Orifice Plate to Downstream Face	Over-all Length	Operating Clearance from Centre with Chamber Lid Open	Approx. Weight lbs
Model 40422 (2-in. Single Chamber)	5.250-in.	1.938-in.	4-in.	6.313-in.	10.313-in.	7-in.	38
Model 40423 (3-in. Single Chamber)	6.375-in.	2.500-in.	4.125-in.	7-in.	11.125-in.	9-in.	63
Model 40424 (4-in. Single Chamber)	7.375-in.	2.875-in.	4.563-in.	7.688-in.	12.251-in.	10.750-in.	99
Model 40552 (2-in. Dual Chamber)	6.438-in.	5.375-in.	4.875-in.	7.750-in.	12.625-in.	6.875-in.	65
Model 40553 (3-in. Dual Chamber)	7.375-in.	6.750-in.	5.500-in.	9.281-in.	14.781-in.	8.313-in.	87
Model 40554 (4-in. Dual Chamber)	9.750-in.	8-in.	7-in.	11.875-in.	18.875-in.	10.875-in.	187
Model 40556 (6-in. Dual Chamber)	11.875-in.	10.750-in.	8.625-in.	15.125-in.	23.750-in.	13.500-in.	420

* Sold in Canada as North Star Flow Products.

По вопросам продаж и поддержки обращайтесь:
Екатеринбург (343)384-55-89, Казань (843)206-01-48, Краснодар (861)203-40-90,
Москва (495)268-04-70, Санкт-Петербург (812)309-46-40
nfw@nt-rt.ru
www.nuflo.nt-rt.ru