

NUFLO Single and Dual Chamber Orifice Fittings

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 dual chamber orifice fittings are manufactured in accordance with ANSI, AGA/API and ASTM Standards and available in 2", 3", 4" and 6" sizes.



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. 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.

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.

Meter Connections

All NUFLO single chamber orifice fittings meet AGA/API Specifications. Two sets of 1/2" NPT 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 Types

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



Fitting Types

- Flanged
- Flangeweld
- Weldneck

* Sold in Canada as North Star Flow Products

Fitting Dimensions

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

Cameron_NuFlo流量仪表
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