SureShot®

Dual Chamber Orifice Fittings

- Customer-driven design features ensure safe, cost-effective, and operationally excellent solutions to the most demanding gas measurement challenges.
- Eliminate grease, springs & slide valve to simplify operations & lower maintenance costs.
- Removable end caps enable inspection and/or replacement of the plug valve sub-assembly without removing the upper chamber.
- Improve the performance of your meter runs, simplify your operations, reduce maintenance costs

DUAL CHAMBER ORIFICE FITTINGS

Specifications

Accuracy	0.5%
Line Size	2" to 16"
Pressure Rating	150# to 600#
Temperature	-20º F to 275º F
Process Connection	WXF-RF-RTJ

Specifications

Standard	AGA 3/API 14.3
Standard Tapping	½" NPT connections
Material	A216 WCB-WCC
O-Ring Material	HNBR
Orifice Seal Material	HNBR and 304SS



SureShot®

Dual Chamber Orifice Fittings

- The greaseless design utilizes the eccentric plug to create a positive seal between the upper and lower chambers, allowing the orifice plate to be inspected or replaced without shutting down the line.
- Teflon seal and Stainless-Steel retainer ensure optimal sealing with minimum drag across the seat of the plug valve, minimizing maintenance over the fitting life.
- Fully conform to the latest AGA 3/API 14.3 stringent requirements.

SureShot®

Single Chamber Orifice Fitting

- SureShot® Single Chamber Orifice Fitting fully conforms to the latest AGA 3/API 14.3 stringent requirements.
- SureShot® Single Chamber Orifice Fitting suitable for 2" through 6" ANSI Classes 150-600. It is a grease-less fitting with no moving parts.
- SureShot® Single Chamber Orifice Fitting is a rugged, field-proven unit that does the work efficiently, reliably, and safely.

 Provides accurate performance over the orifice plate beta ratio range from 0.1 to 0.75.

SINGLE CHAMBER ORIFICE FITTINGS

Specifications

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Touch Screen	0.5%
Line Size	2" to 6"
Pressure Rating	150# to 600#
Temperature	-20º F to 275º F
Process Connection	WXF-RF-RTJ

Specifications

Standard	AGA 3/API 14.3
Standard Tapping	½" NPT connections
Material	A216 WCB-WCC
O-Ring Material	HNBR
Orifice Seal Material	HNBR and 304SS



Single Chamber Orifice Fittings

- The one-piece body allows quick, inexpensive orifice plate changes without the timeconsuming operational steps associated with Orifice Flange Union.
- SureShot® Single Chamber Orifice Fitting consists of the metal-to-metal seat against the downstream face, significantly reducing seal ring compression and downstream shift of orifice plate.
- Its protected positive orifice plate seal design extends service life.

SINGLE

CHAMBER

ORIFICE

FITTINGS