



US Industrial Sourcing, Inc.

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**CBVGG
Combination Butterfly/
Venturi Flow Tube
6" - 12"**

Model: CBVGG

Product Description: Combination Butterfly Valve/Venturi Flow Tube Groove x Groove Style. Carbon Steel Venturi flow measurement section connected to a lug type butterfly valve for throttling. Connects to standard ANSI 150 lb flanges. Cast Iron butterfly valve has combination Infinite / 10 position memory stop plate, one piece disc and stem, triple stem bearing, Aluminum/ Bronze disc through 8", Nickel plated disc 10" & 12", with EPDM liner standard.

Butterfly is rated at 150 PSIG and suitable for dead-end service.

CBVGG comes standard with Pressure/Temperature Ports and supplied with mating bolt kits for 150 lb flanges.

Venturi section is machined from Carbon Steel and has an accuracy rating of $\pm 3\%$ between 5" W.C. and 150" W.C. Between 10" W.C and 70" W.C. , the accuracy is $\pm 1\%$ based on Coefficient of Discharge.

Maximum Pressure Loss 6% of Differential Pressure

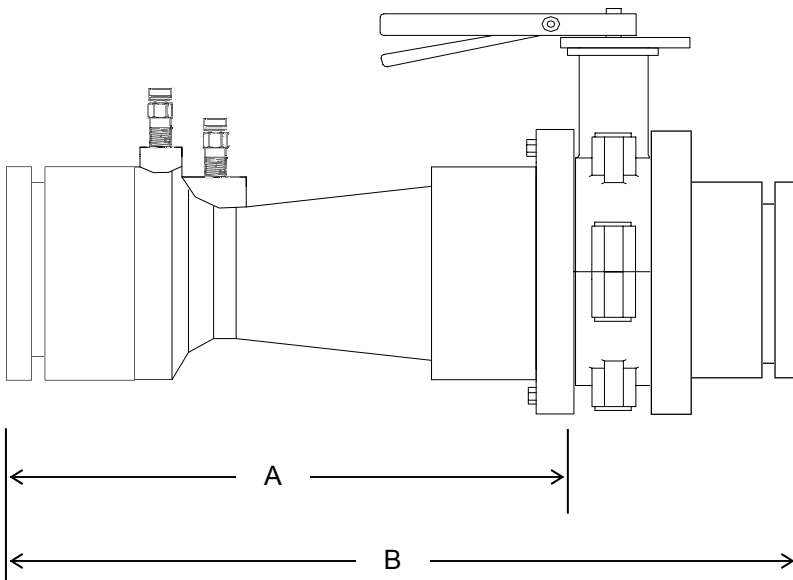
Nominal Line Size	Model #	Length A Inches	Length B Inches	Connection	Weight with Butterfly	Weight with out Butterfly	Lower Flow Range (GPM)	Upper Flow Range (GPM)	Flow Factor FF
6"	CBVGG 600	13.09	15.46	Groove	72	44	200	1500	1551
8"	CBVGG 800	15.93	18.55	Groove	134	73	450	2800	2824
10"	CBVGG 1000	19.98	22.80	Groove	256	141	600	4150	4164
12"	CBVGG 1200	X	X	Groove	X	X	950	9700	9670

$$D.P. = (GPM \cdot 17.3 / FF)^2$$

$$GPM = FF / 17.3 \cdot (D.P.)^{0.5}$$

All weights and dimensions listed are in pounds and inches and are subject to minor changes! **Dimensions not to be used for construction unless prints certified by factory.**

Note: Length A is without Butterfly and Length B includes butterfly valve.



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