

38-100 SERIES

SPECIFICATIONS

GENERAL SPECIFICATIONS

The Atmospheric Type Vacuum Breaker shall prevent cross connection of contaminated water into the potable water supply caused by back-siphonage. It shall consist of a float and seat disc that seats the atmospheric vent at all rates of flow. Under negative pressure condition or when the supply valve upstream is closed, the float and seat disc will fall opening the atmospheric vent, thus preventing back-siphonage. All parts shall be made of corrosion resistant materials and be **100% made in the USA**.

It shall meet the requirements of the following standards: **ASSE 1001, CSA B64.1 and IAPMO**.

The device shall be manufactured by **CONBRACO INDUSTRIES, INC.**, Matthews, North Carolina.

FEATURES

- Corrosion Resistant
- Bronze Body
- Suitable for hot or cold water service:
(up to 212°F at 125 psig) for 1/4" thru 1"
(up to 180°F at 125 psig) for 1-1/4" thru 2"
- Heat resistant silicone seat disc
- Rough brass or polished chrome finish
- Easy to maintain
- Compact and lightweight
- Durable

APPROVALS

The 38-100 is approved under **ASSE 1001 (ANSI A112.1.1), CSA B64.1.1 and IAPMO**.



MATERIALS

Valve Body	Cast Bronze
Seat Disc	Silicone
Float Gasket	Polypropylene
Guide	Brass
Seat	Cast Bronze
Canopy	Chrome-plated Steel
Screw	Zinc-plated Steel

SUFFIX NO.

NO.	FINISH
01	Rough Brass
03	Rough Chrome
04	Polished Brass
06	Polished Chrome

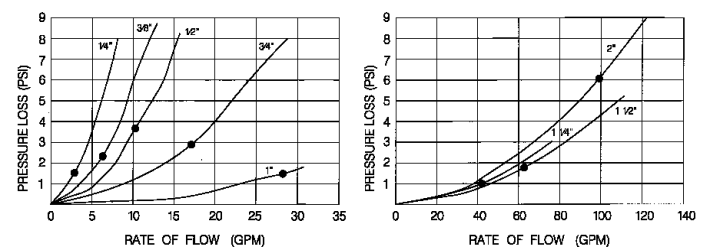
Note: 1-1/4" thru 2" Rough Brass (01) ONLY, and Nitrile O-Ring in place of gasket.

Atmospheric Type Vacuum Breaker

Sizes 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2" & 2"



FLOW CURVES

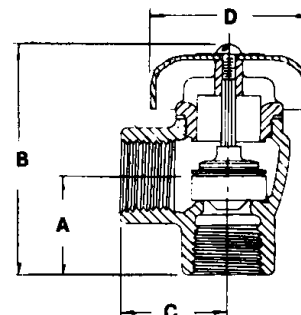


(●) Rated flow determined by ASSE design performance standards.

DIMENSIONS (in.)

WEIGHTS (lbs.)

NO.	SIZE	A	B	C	D	WT.100
38-101	1/4"	29/32	2-3/8	1-1/32	1-13/16	50.6
38-102	3/8"	29/32	2-3/8	1-1/32	1-13/16	47.7
38-103	1/2"	1-3/32	2-1/2	1-3/16	1-13/16	54.7
38-104	3/4"	1-5/16	3-1/16	1-15/32	2-1/8	79.7
38-105	1"	1-3/4	4-1/16	1-7/8	2-7/8	174.0
38-106	1-1/4"	2	4-3/8	2	3-3/4	316.0
38-107	1-1/2"	2	4-3/8	2	3-3/4	289.0
38-108	2"	2-1/8	4-1/2	2-1/4	3-3/4	369.0



BACKFLOW PRODUCTS DIVISION

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