

# ZURN Model 740

## Carbonated Beverage Backflow Preventer with Vent and Integral Strainer

### Application

Dual Check Valve with Vent designed for installation on carbonated beverage dispensing systems, as well as non-carbonated systems, to prevent Carbon dioxide (CO<sub>2</sub>) gas or carbonated water from coming in contact with copper potable water supply line. Integral strainer to prevent debris from fouling checks.

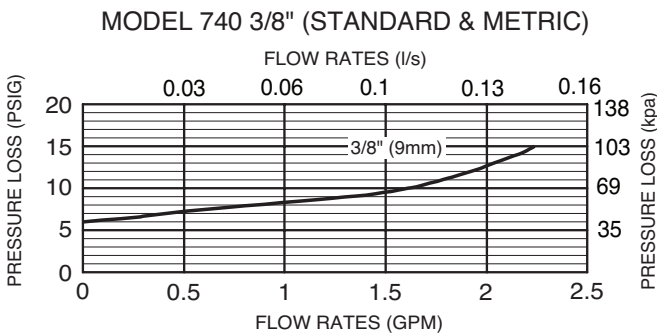
### Standards Compliance

- ASSE® Listed 1022
- Certified to NSF/ANSI 372\* by IAPMO R&T (0.25% MAX. WEIGHTED AVERAGE LEAD CONTENT)

### Materials

Main valve body	Stainless steel, 300 series
Tailpieces & fasteners	Stainless steel, 300 series
Elastomers	Silicone and Buna Nitrile (FDA approved)
Spring & screen	Stainless steel, 300 series

### Flow Characteristics

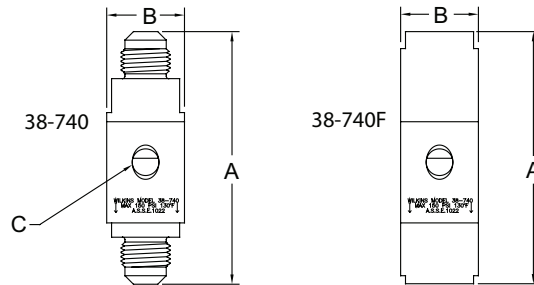


LEAD FREE



### Features

Sizes:	3/8"
Maximum working water pressure	150 PSI
Minimum working water pressure	10 PSI
Maximum working water temperature	130°F
Threaded connections	SAE J513 FNPT

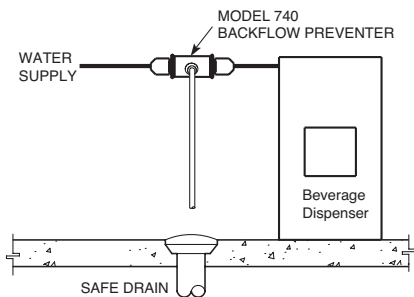


### Dimensions & Weights (do not include pkg.)

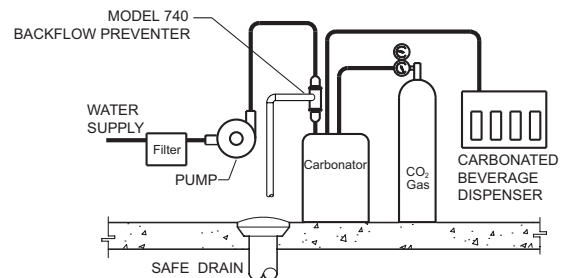
PART NUMBER	DIMENSIONS (approximate)						WEIGHT			
	INLET SIZE	OUTLET SIZE	A		B		C	VENT	lb.	kg
38-740	3/8 SAE	3/8 SAE	3 1/4	83	1	25	1/8" FNPT		0.3	0.14
38-740F	3/8 FNPT	3/8 FNPT	3 1/4	83	1	25	1/8" FNPT		0.4	0.27

### Typical Installation

The Model 740 can be installed in the horizontal or vertical position. Under certain conditions the Model 740 may discharge water from the vent port. Provisions must be made to ensure that discharge will not damage surrounding property or equipment. Copper tubing shall not be used downstream of the Model 740.



Non-Carbonated Beverage System



Carbonated Beverage System

### Specifications

The Carbonated Beverage Backflow Preventer shall be certified to NSF/ANSI 372, rated for 150 PSI. The body and tailpiece shall be stainless steel, series 300, and the elastomers shall be Silicone and Buna Nitrile (FDA Approved). The Carbonated Beverage Backflow shall include an integral stainless steel strainer screen. The Carbonated Beverage Backflow Preventer shall be a ZURN Wilkins Model 740.