

# WILKINS 420/ 420XL

## SIZE

1/2", 3/4", 1"

## DESCRIPTION

This is a pressure vacuum breaker assembly. Production began in 1998. The body is made of bronze. In 2010 a 420XL was introduced which is made of lead free bronze. The test cocks are mounted on the ball valves not the body. The air inlet float utilizes a rubber fold not a spring to generate the air inlet loading. The float also contains a relief valve to protect against damage from freezing. The check is a modular design with a contained spring and replaceable check seat.

## BASIC REPAIR KIT

The repair kit contains check assembly, float assembly, and O-ring.

### SIZE

1/2"-3/4"

1"

### KIT NO

RK12-420

RK1-420

## IMPORTANT FEATURES

*~No air inlet spring*

*~Modular check*

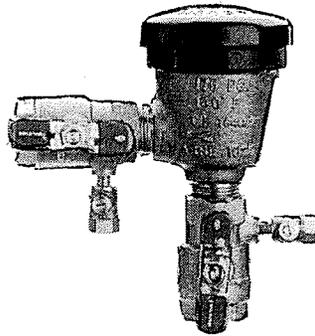
*~Factory repair information enclosed*



# MODEL 420

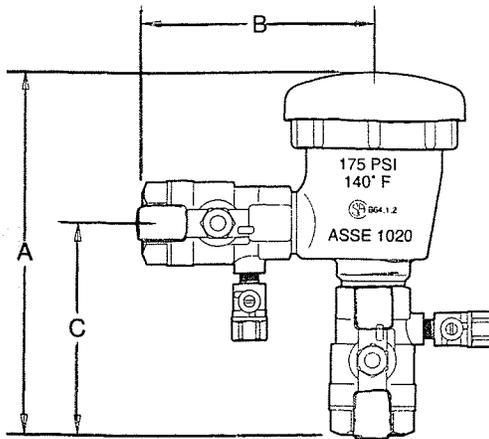
## MATERIALS

- Main valve body — Cast Bronze ASTM B584
- Elastomers — Silicone (FDA approved)  
Buna Nitrile (FDA approved)
- Polymers — Polypropylene (FDA approved)  
Delrin™ (NSF Listed)  
Noryl™ (NSF Listed)
- Springs — Stainless steel, 300 series
- Maximum working water pressure — 175 PSI
- Maximum working water temperature — 140°F
- Hydrostatic test pressure — 350 PSI
- End connections — Threaded ANSI  
R1 20 1



**MODEL 420**

- Built-in relief valve reduces the risk of valve damage under freezing conditions
- In case of an unexpected temperature drop, the relief valve senses pressure build-up allowing the valve to relieve water, preventing damage to valve body and internal parts. As temperature rises, the relief valve resets and the 420 resumes backflow prevention function
- Designed for use under continuous pressure
- All bronze body and corrosion-resistant internal parts
- Drop-in replaceable seat
- Replaceable thermoplastic modular cartridge allows effortless repair and maintenance
- Incorporates an elastomeric spring for the atmospheric vent, thereby increasing valve reliability



## DIMENSIONS & WEIGHTS

SIZE	DIMENSIONS (in.)			WEIGHT (lbs.)
	A	B	C	
1/2"	6.4	4.0	3.6	3
3/4"	6.7	4.2	3.8	4
1"	7.9	4.9	4.5	5

