

FEBCO 865

SIZE

3/4", 1"

DESCRIPTION

This model is a double check assembly. This model was produced from 1978-1997, The assembly is similar in design to the 805Y. The only difference was the body material. The 865 used a glass fiber reinforced nylon instead of bronze.

BASIC REPAIR KIT

The repair kit contains all rubber discs and O-rings.

SIZE

3/4"

1"

KIT NO

905042

905042

IMPORTANT FEATURES

~ *Glass fiber reinforced nylon body*

~ *Check springs are not contained*

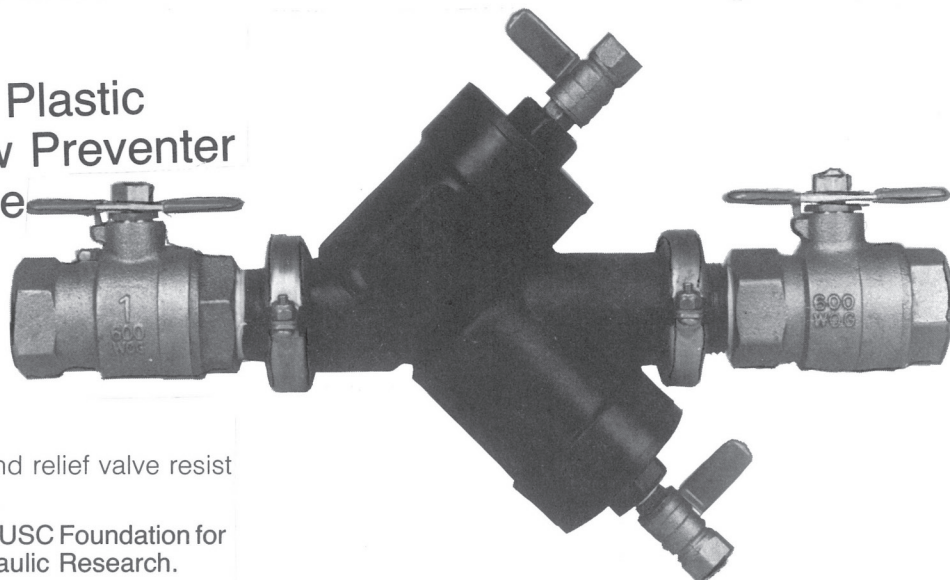
~ *Check seats are not replaceable*

~ *Factory repair information enclosed*





Model 865 Engineered Plastic Double Check Backflow Preventer For Low Hazard Service



Features

- Glass fiber reinforced nylon body and relief valve resist chemical attack and scale build-up.
- Document flow curves established by USC Foundation for Cross Connection Control and Hydraulic Research.
- Exceeds all performance specifications of AWWA, ASSE and USC Foundation for Cross Connection and Hydraulic Research.
- Simple service procedures. All internal parts serviceable in-line.

Characteristics

Maximum working pressure	150 PSI
Hydrostatic test pressure	300 PSI
Temperature range	32°F to 110°F
Fluid	Water
End detail	3/4" and 1": Threaded ANSI B2.1
Main valve body and caps	Nylon, glass fiber reinforced
Elastomers	Nitrile ASTM D-2000 seat discs
2 Springs	Stainless steel, 300 series

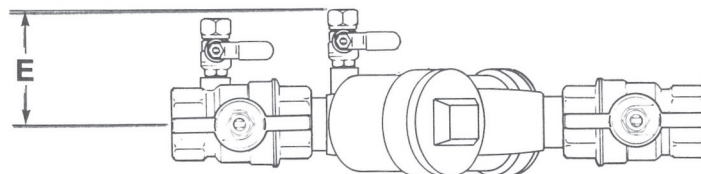
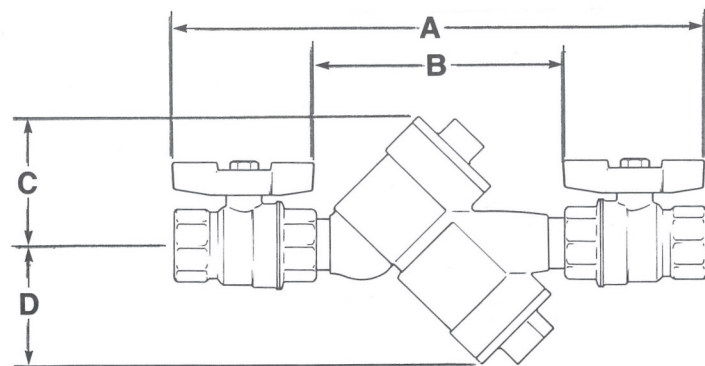
Materials

Glass fiber reinforced nylon mainline valve and cap construction. Internal moving components are acetal. Nitrile seat discs and seals. Stainless steel and brass fasteners with bronze shut-off valves standard.

All stainless steel shut-off valves, test cocks and fasteners optional.

Dimensions and Weights

SIZE	A		B	C	D	E	WT. (LBS)
	BV	GV					
3/4"	12-3/4"	11-3/8"	5-5/8"	3-3/4"	3-3/4"	2-1/2"	4-1/2
1"	12-7/8"	11-7/8"	5-5/8"	3-3/4"	3-3/4"	2-1/2"	5



Flow Curves

(As established by USC Foundation for Cross Connection Control and Hydraulic Research)

