

WATTS 770

WATTS772

SIZE

4", 6", 8", 10"

DESCRIPTION

The 770/772 is a double check assembly. It was produced from 1993-1997. The check bodies are made of ductile iron which is fused epoxy coated. The check is a stainless steel toggle linkage mechanism. The check springs are contained when the covers are removed. The spring tension must be released to repair the assembly. The bronze check seats are replaceable but a seat removal tool is needed for that purpose. Instead of a rubber disc a vulcanized clapper plate is used to seal the check. The shutoffs on the 772 utilized a special shutoff. The shutoffs used on the 772 are not standard. There are two different size flanges on the inlet and outlet.

BASIC REPAIR KIT

Repair kit contains clapper plates, gaskets, and O-rings.

<u>SIZE</u>	<u>KIT NO</u>
4" 770	770-RT400
4" 772	770-RT400
6" 770	770-RT600
6" 772	770-RT600
8" 770	770-RT800
8" 772	770-RT600
10" 772	770-RT800

IMPORTANT FEATURES

~Ductile iron fused epoxy coated body

~Clapper plate check elastomer seals

~Contained springs

~Replaceable seats

~772 shutoffs are not standard dimensions

~Factory repair information enclosed



Series 770

DOUBLE CHECK VALVE BACKFLOW PREVENTER

Sizes: 4", 6", 8"

The 770 Series Double Check Valve Backflow Preventer is designed to prevent the reverse flow in water lines and to prevent polluted water from entering into the potable water system. This series can be applied to a variety of installations where the degree of hazard is considered to be low to intermediate and where approved for specific installations. 770 Series features a modular spring loaded design which facilitates vertical or horizontal installation. **Check with local authority having jurisdiction for installation requirements.**

FEATURES

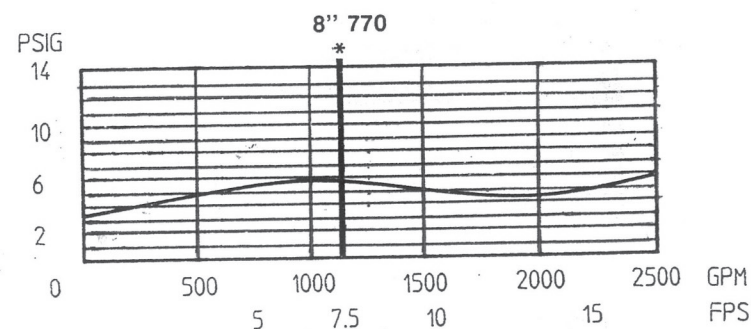
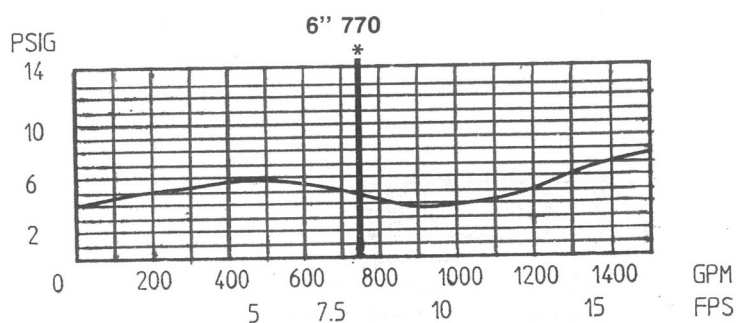
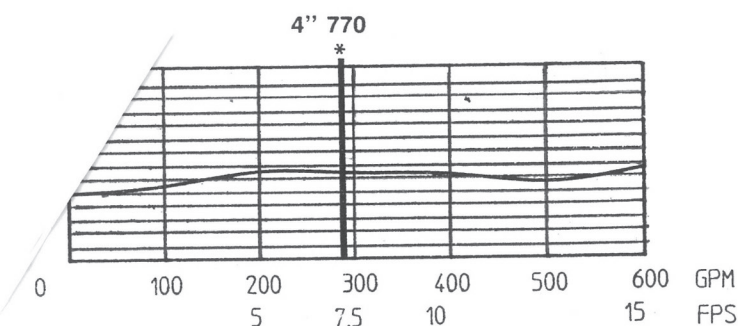
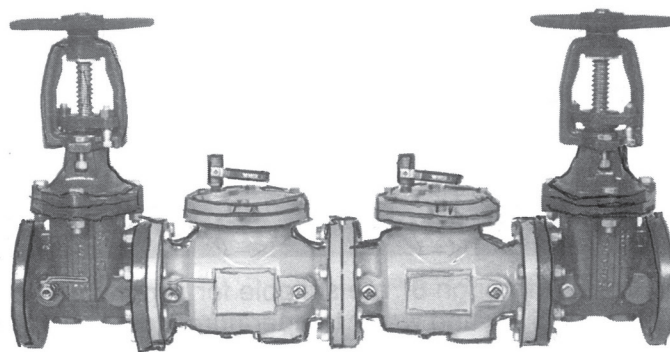
- Removable bronze seats
- Stainless steel internal parts
- Maximum flow at low pressure drop
- Compact for economy combined with performance
- Design simplicity for easy maintenance
- Ductile iron bodies for maximum strength

MATERIALS

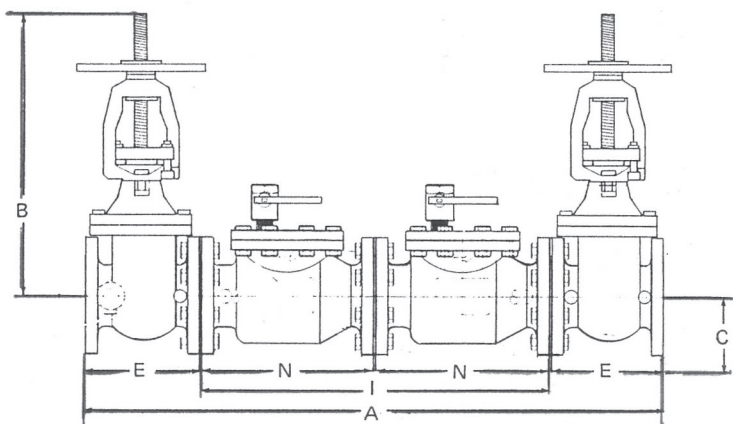
Epoxy coated (FDA approved) ductile iron valve bodies with bronze removable seats and stainless steel trim. All sizes furnished with bronze body ball valve test cocks.

PRESSURE - TEMPERATURE

Sizes 4" through 10" are suitable for supply pressure up to 175 psi and water temperatures to 110°F max.



*Typical maximum system flow rate (7.5 ft/sec.)



Size	A	OS&Y B	NRS B	C	E	I	N	Weights (lbs.)		
								OS&Y	NRS	LF *
4"	47 ¹ / ₈ "	23 ³ / ₈ "	15 ¹ / ₂ "	4 ¹ / ₂ "	9"	28 ¹⁵ / ₁₆ "	147 ¹ / ₁₆ "	338	316	140
6"	58 ¹ / ₂ "	30"	19 ⁵ / ₈ "	5 ¹ / ₂ "	10 ¹ / ₂ "	37 ⁵ / ₁₆ "	18 ⁵ / ₈ "	654	626	308
8"	70 ³ / ₈ "	40"	24"	6 ³ / ₄ "	11 ¹ / ₂ "	~ 47"	237 ¹ / ₁₆ "	1104	1050	520

Series 772

DOUBLE CHECK VALVE BACKFLOW PREVENTER

Sizes: 4", 6", 8" and 10"

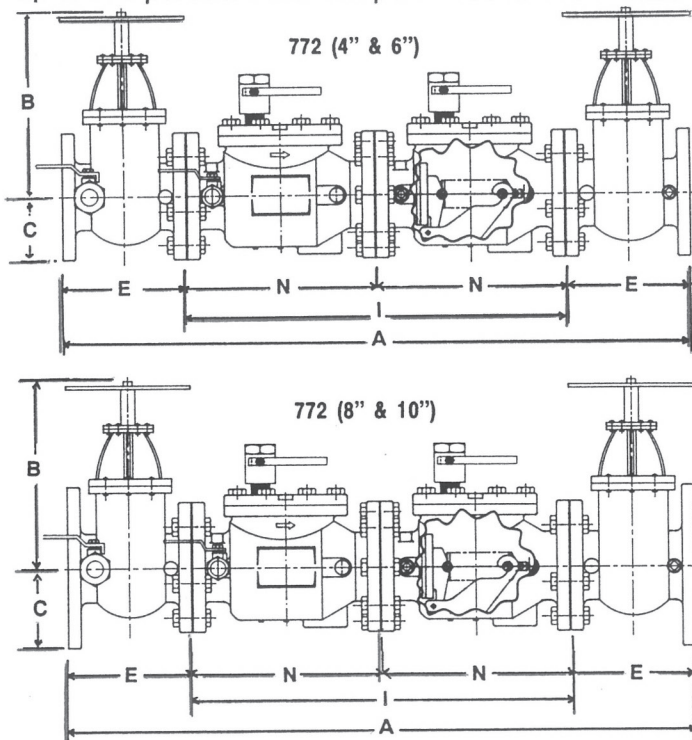
The 772 Series Double Check Valve Backflow Preventer is designed to prevent the reverse flow in water lines and to prevent polluted water from entering into the potable water system. This series can be applied to a variety of installations where the degree of hazard is considered to be low to intermediate and where approved for specific installations. 772 Series features a modular spring loaded design which facilitates vertical or horizontal installation.

FEATURES

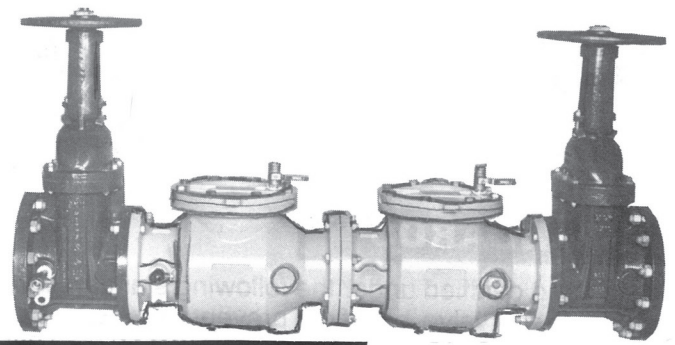
- Resilient seated gate valve shutoffs
- Replaceable bronze seats
- Stainless steel internal parts
- Maximum flow at low pressure drop
- Compact for economy combined with performance
- Design simplicity for easy maintenance
- Ductile iron bodies for maximum strength

PRESSURE - TEMPERATURE

Sizes 4" through 10" are suitable for supply pressure up to 175 psi and water temperatures to 110°F max.

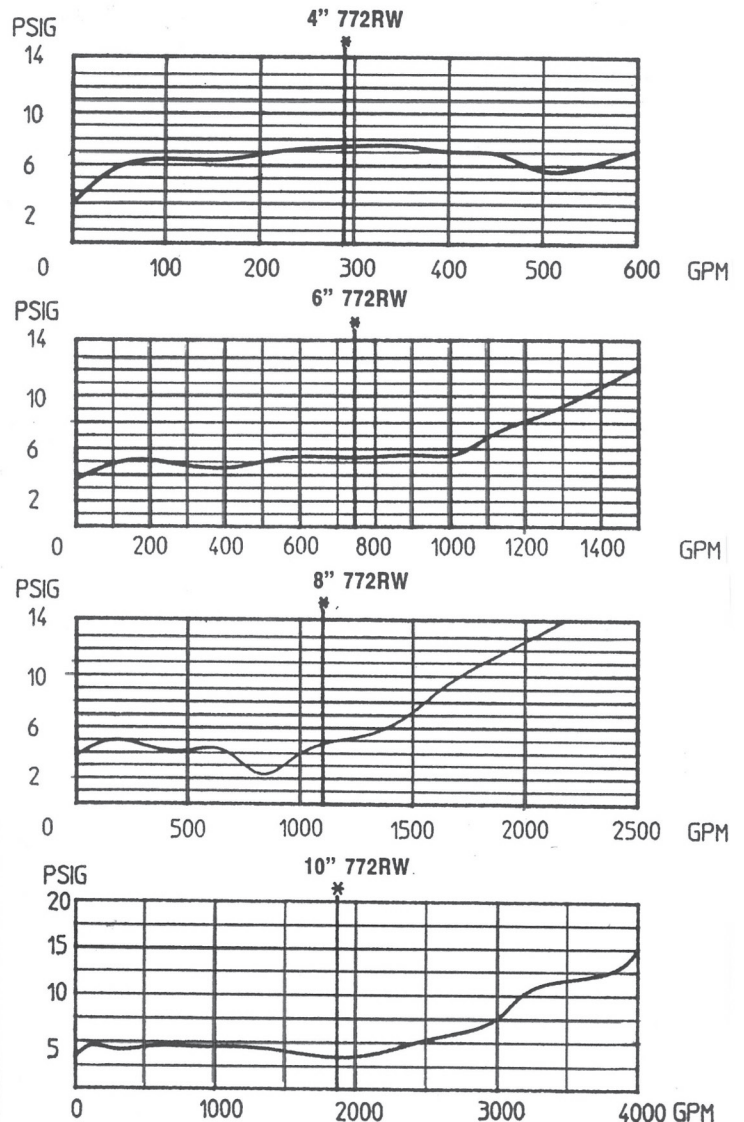


Size	A		B		C	E		I	N	Weights (lbs.)	
	OS&Y	NRS	OS&Y	NRS		OS&Y	NRS			OS&Y	NRS
4"	44.87	44.87	23.31	6.00	4.50	8.00	8.00	28.87	14.44	340.	296.
6"	57.25	55.25	23.31	12.00	5.50	10.00	9.00	37.25	18.63	650.	576.
8"	59.25	58.25	29.87	19.62	6.75	11.00	10.50	46.87	23.44	806.	680.
10"	72.79	72.04	39.87	23.93	8.00	12.25	11.50	46.87	23.44	1372.	1130.

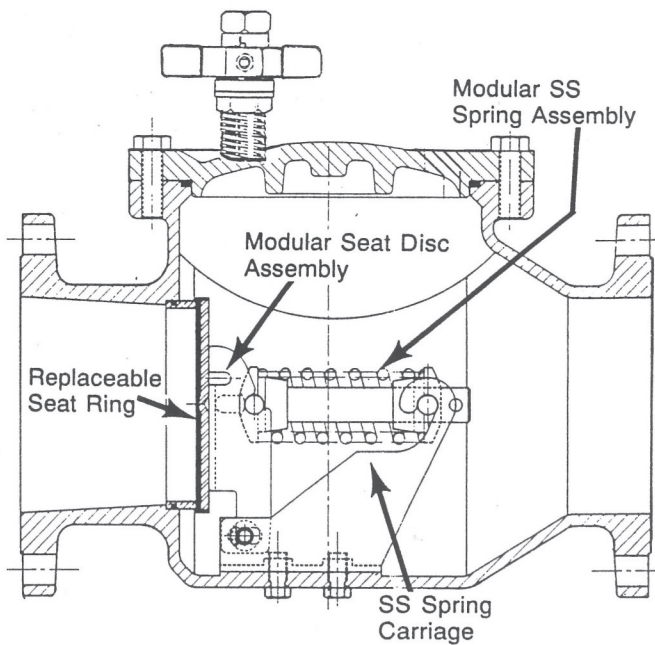


MATERIALS

Epoxy coated (FDA approved) ductile iron valve bodies with replaceable bronze seats and stainless steel trim. All sizes furnished with bronze body ball valve test cocks.



770-772 CHECK VALVES



CHECK ASSEMBLY MODULE

770-772 Series features a modular design concept which facilitates complete maintenance and assembly by retaining the spring load. The first and second check module are identical and can be interchanged.

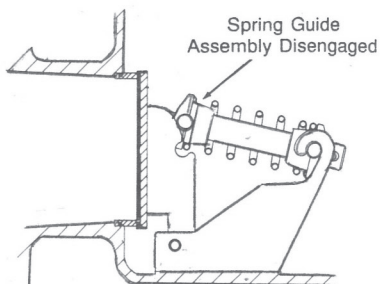
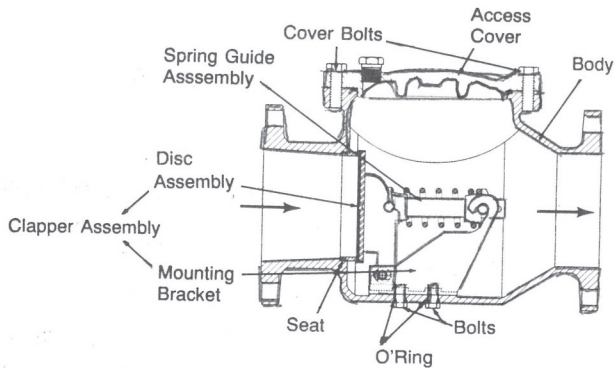
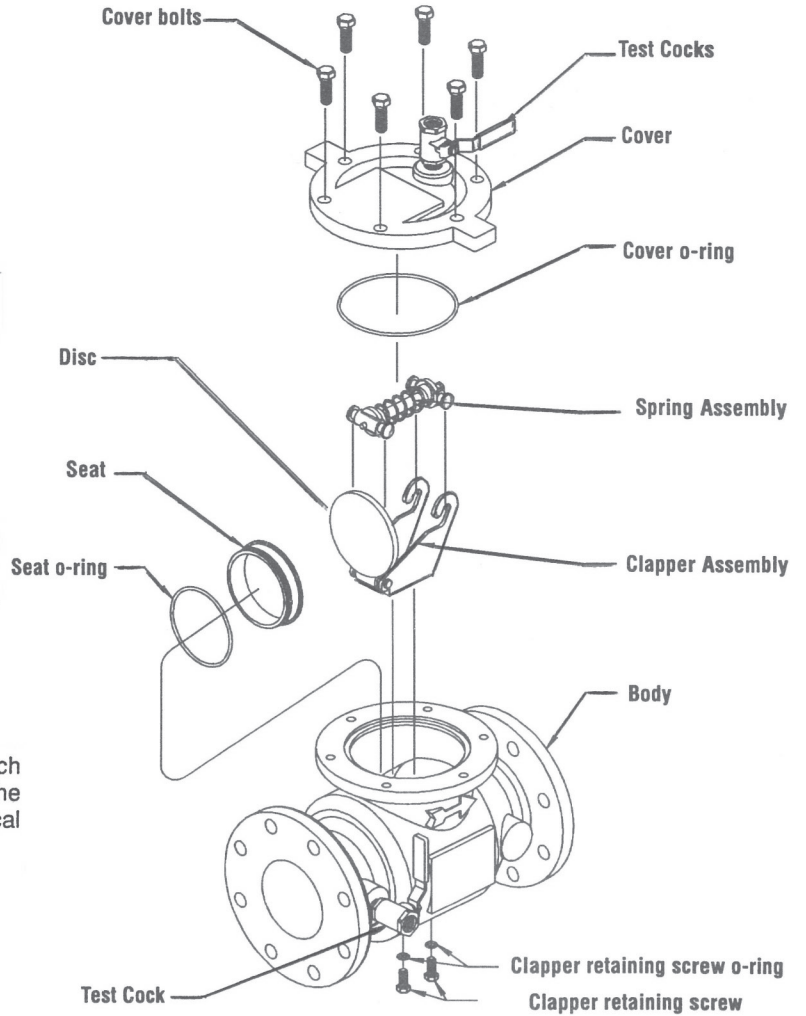


Fig. 2

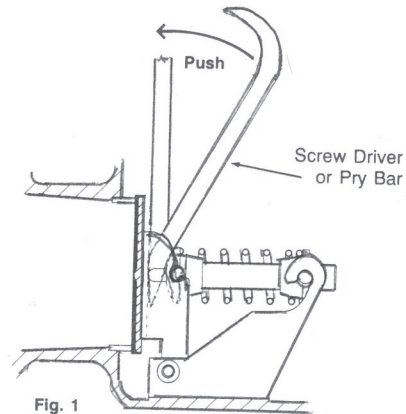


Fig. 1

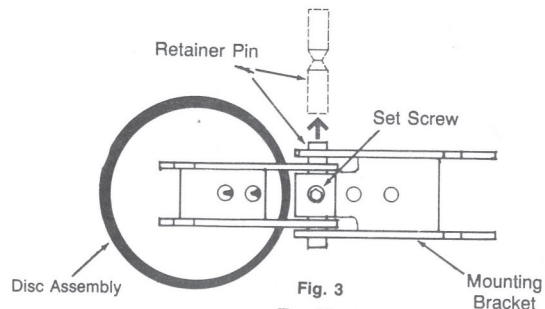


Fig. 3
Top View