

AMES

2001 SS/ 2001

SIZE

1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 3", 4", 6", 8"

DESCRIPTION

This is a double check assembly. Production began in 1999 and was discontinued in 2003. In 1997 the Ames Company was purchased by the Watts Regulator Company. Ames began marketing the Watts 775 as the Ames 2001 SS. For repair information see the Watts model 775. The 1/2"-2" size is a copper body that is nickel plated. The ball valve shut-offs are integral to the valve body. The checks are modular in construction and are accessed from a single cover on the top. The 3"-8" body is made of stainless steel. The checks are modular in construction and are accessible from the single cover on the top. The check modules in all sizes utilize a flat check disc that is field replaceable. In the 3"-8" sizes there is a 2001 SSN model. This unit comes with two 90 degree elbows mounted between the backflow preventer flange and gate valve flange.

BASIC REPAIR KIT

The repair kit contains check discs and O-rings.

<u>SIZE</u>	<u>KIT NO</u>
1/2"-3/4"	775-RT050
1"	775-RT100 ♦
1 1/4"-1 1/2"	775-RT125 ♦
2"	775-RT200
3"-4"	2001SSRT300
6"-8"	2001SSRT600

IMPORTANT FEATURES

- ~See Watts model 775
- ~1/2"-2" copper body nickel plated
- ~3"-8" stainless steel body
- ~Modular construction
- ~Factory repair information enclosed



MODEL 2001

Double Check Assembly

AMES
CO.

FLUID CONTROL SYSTEMS
A Division of Watts Industries

Sizes: 1/2" through 2"

Pressure – Temperature

Temperature Range: 33°F – 180°F
(5°C – 82°C) continuous
Maximum Working Pressure: 175psi

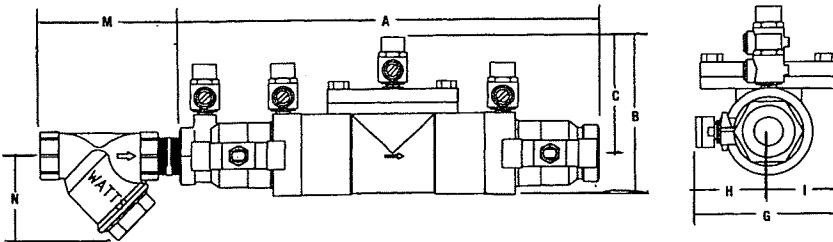
Materials

- Body: Copper

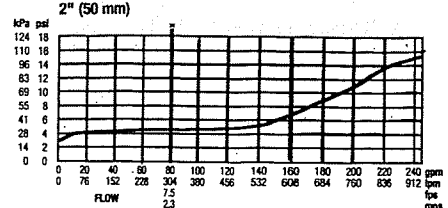
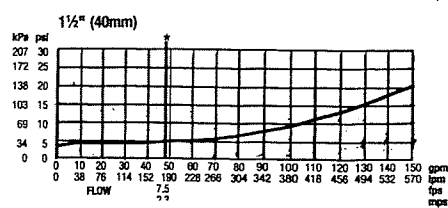
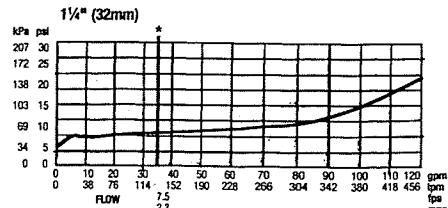
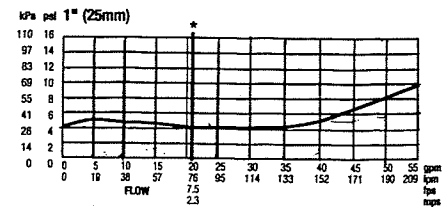
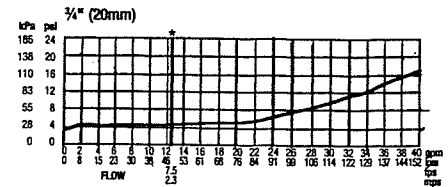
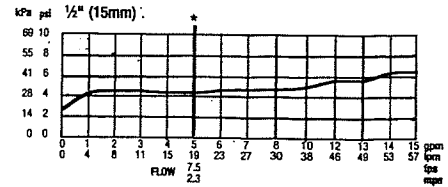
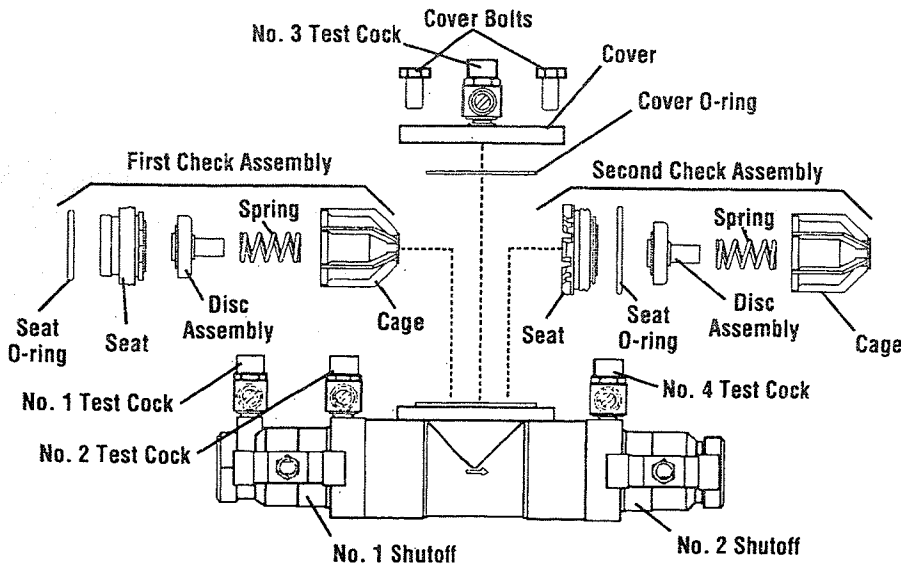
Features

- Low lead construction
- Tubular copper body creates smooth flow path and low headloss*
- Threaded-in check modules eliminate the use of check retainers for lower pressure loss, and for a positive check valve retention*
- Bolted on, top entry stainless steel single access cover for ease of maintenance in meter box installations*

Dimensions – Weights



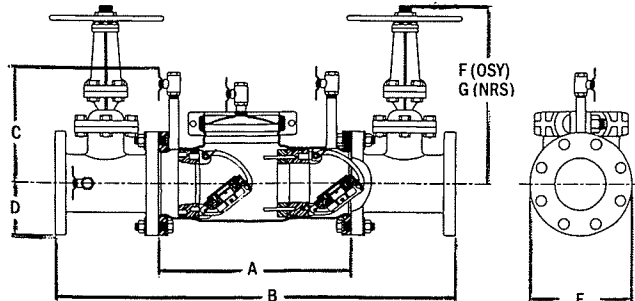
	in.	mm	in.	A	mm	in.	B	mm	in.	C	mm	in.	G	mm	in.	H	mm	in.	I	mm	in.	M	mm	in.	N	mm	lbs.	kgs.
1/2	15	9	228	3/4	92	2 1/2	67	3 3/4	81	1 3/4	41	1 1/4	40	3	76	8	76	4	102	1 1/4	3	76	8	76	4	102	1 1/8	1.8
3/4	20	9	228	3/4	92	2 1/2	67	3 3/4	81	1 3/4	41	1 1/4	40	3 1/2	89	3	76	4	102	1 1/4	3	76	8	76	4	102	1 1/8	1.8
1	25	11 1/4	288	4 1/2	114	3 3/4	84	3 3/4	89	1 3/4	47	1 1/4	41	4 1/2	114	3 3/4	89	6	152	1 1/4	3	76	8	76	4	102	2 1/8	2.9
1 1/4	32	15 1/2	390	6	152	4 1/2	113	6	152	3 3/4	82	2 3/4	69	4 1/2	114	3 3/4	89	17	419	1 1/4	3	76	8	76	4	102	7 1/2	7.7
1 1/2	40	15 3/4	390	6	152	4 1/2	113	6	152	3 3/4	82	2 3/4	69	4 1/2	114	3 3/4	89	17	419	1 1/4	3	76	8	76	4	102	7 1/2	7.7
2	50	18 1/2	460	6	152	4 1/2	113	6	152	3 3/4	82	2 3/4	69	5 1/2	137	5	102	26	635	1 1/4	3	76	8	76	4	102	11 1/8	11.8



MODEL 2001SS Double Check Assembly



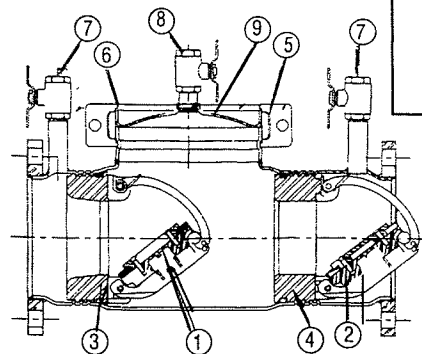
Ames 2001SS - Weights & Dimensions



Size	A	B	C	D	E	F	G	Weight w/Gates lbs.	Weight w/o Gates lbs.
in.	in.	in.	in.	in.	in.	in.	in.		
3	20	36.125	10.5	3.75	7.5	18.875	12.375	190	43
4	16.5	34.625	10.5	4.5	9	22.75	14.75	255	42
6	22.5	43.625	12.5	5.5	11	30.125	19	399	78
8	22.5	45.625	12.5	6.75	13.5	37.75	22.5	613	92

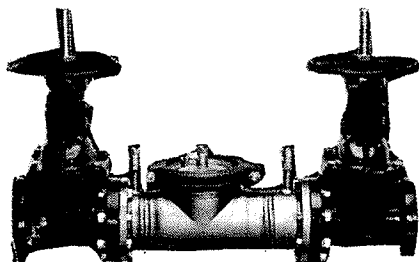
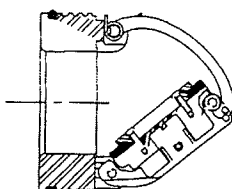
Item # Part Description

1. #1 Cam-Check Assembly
2. #2 Cam-Check Assembly
3. 1st Cam-Check O-ring (removable)
4. 2nd Cam-Check O-ring (removable)
5. Groove Coupler
6. Groove Coupler Gasket
7. Ball Valve
8. Ball Valve
9. Cover Plate



#1 CAM-CHECK

#2 CAM-CHECK



PHYSICAL CHARACTERISTICS

Sizes: 3", 4", 6", 8"

Rated working pressure: 175 psi

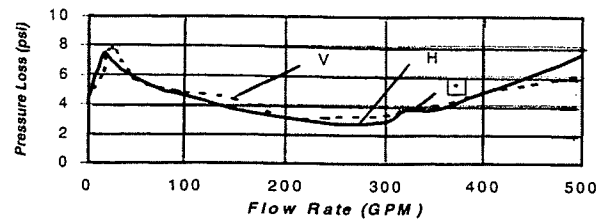
Temperature range: 32°F to 110°F

Flange dimension in accordance with AWWA Class D

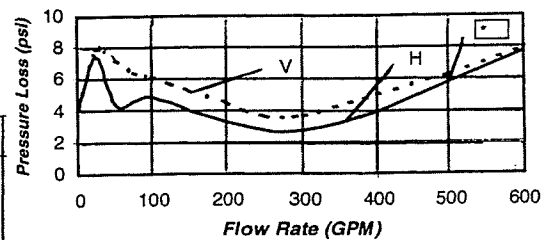
All internal metal parts: 300 series stainless steel

Construction: 300 series stainless steel

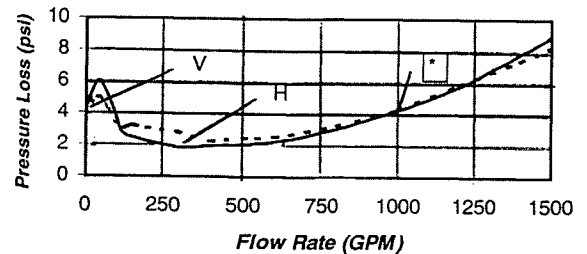
3" DOCUMENTED FLOW CHARACTERISTICS (INCLUDING SHUT-OFF VALVES)



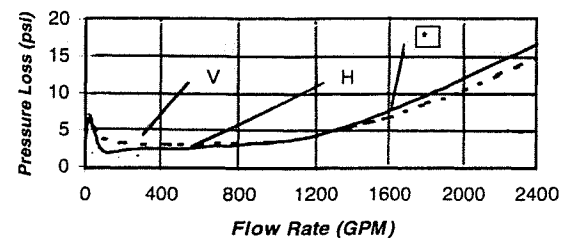
4" DOCUMENTED FLOW CHARACTERISTICS (INCLUDING SHUT-OFF VALVES)



6" DOCUMENTED FLOW CHARACTERISTICS (INCLUDING SHUT-OFF VALVES)



8" DOCUMENTED FLOW CHARACTERISTICS (INCLUDING SHUT-OFF VALVES)



* Approximate head loss at the UL rated flow.

V = Vertical

H = Horizontal

Contact Ames Company for "N" pattern configuration information.