

AMES

M300/ M300A

SIZE

M300

2 1/2", 3", 4", 6", 8", 10"

M300A

2 1/2", 3", 4"

DESCRIPTION

This is a double check detector assembly. This model was produced under the Hunter name from 2000-2002. In 2002 Watts bought the Hunter models and began production as the Ames M300 and M300A. The M300A model was discontinued in 2008. The mainline assembly is similar in construction to the M200 and M200A. The bypass assembly used for the first two years was the Flomatic DCVE 3/4". The assembly also used the Ames 2000BM3 3/4" or the Watts 007M3 3/4" for the bypass unit. Be sure to check the identification information on the bypass assembly to confirm which you have.

BASIC REPAIR KIT

Mainline assembly repair kit contains discs and O-rings for the check modules.

<u>SIZE</u>	<u>KIT NO</u>
M300 2 1/2"-3"	200MRT250
M300A 2 1/2"-3"	200MART250
M300 4"	200MRT400
M300A 4"	200MART400
M300 6"	200MRT600
M300 8"-10"	200MRT800

Bypass repair kit contains all check discs and O-rings.

<u>SIZE</u>	<u>KIT NO</u>
Flomatic DCVE 3/4"	B91RK00 ♦
Ames 2000BM3 3/4"	007M3-RT075
Watts 007M3 3/4"	007M3-RT075

IMPORTANT FEATURES

~Mainline assembly see Ames M200 or M200A

~Bypass assembly see Flomatic DCVE or Ames 2000BM3

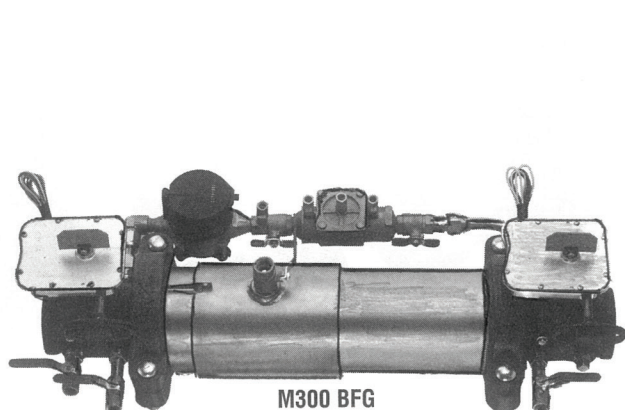
~Factory repair information enclosed



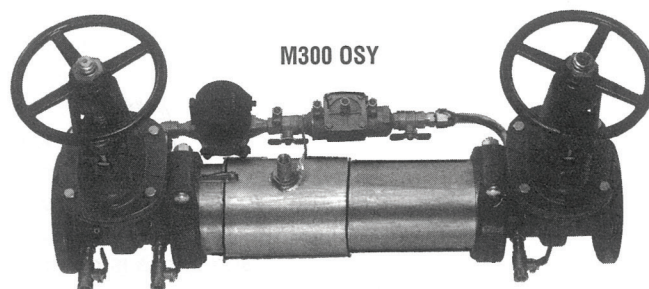
Maxim™ Series M300, M300N

Double Check Detector Assemblies

Sizes: 2½" – 10" (65 – 250mm)



M300 BFG



M300 OSY

Features

- Extremely Compact Design
- 70% Lighter than Traditional Designs
- 304 (Schedule 40) Stainless Steel Housing & Sleeve
- Groove Fittings Allow Integral Pipeline Adjustment
- Patented -Link Checks Provides Lowest Pressure Loss
- Unmatched Ease of Serviceability
- Available with Grooved Butterfly Valve Shutoffs
- Available for Horizontal, Vertical or N Pattern Installations
- Replaceable Check Disc Rubber

Available Models

Suffix:

- NRS – non-rising stem resilient seated gate valves
- OSY – UL/FM outside stem and yoke resilient seated gate valves
- BFG – UL/FM grooved gear operated butterfly valves w/tamper switch

Pressure — Temperature

Temperature Range: 33°F – 140°F (5°C – 60°C)
Maximum Working Pressure: 175psi (12.06 bar)

Materials

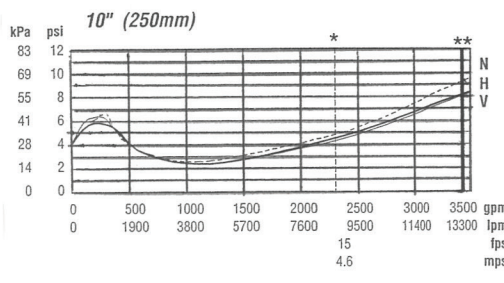
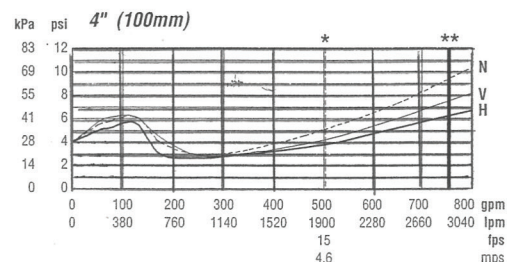
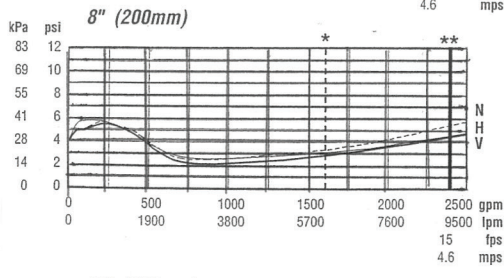
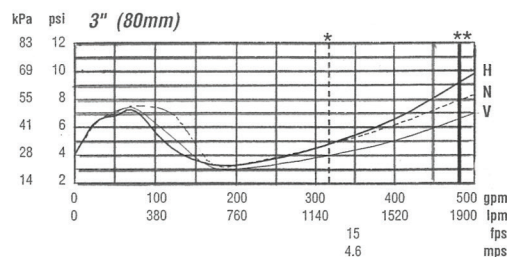
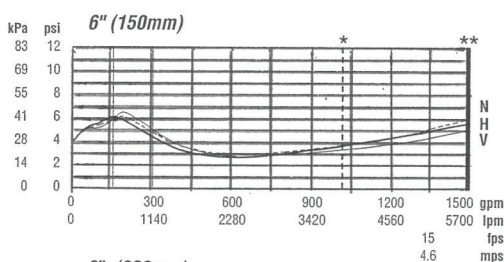
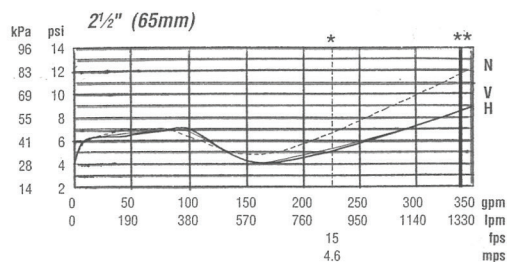
- Housing & Sleeve: 304 (Schedule 40) Stainless Steel
- Elastomers: EPDM, Silicone and Buna 'N'
- -Link Checks: Noryl®, Stainless Steel
- Check Discs: Reversible Silicone or EPDM
- Test Cocks: Bronze Body Nickel Plated
- Pins & Fasteners: 300 Series Stainless Steel
- Springs: Stainless Steel

Approvals



For additional approval information please contact the factory or visit our website at www.amesfirewater.com

Maxim™ Series M300, M300N

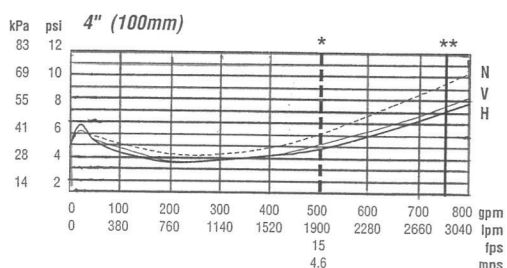
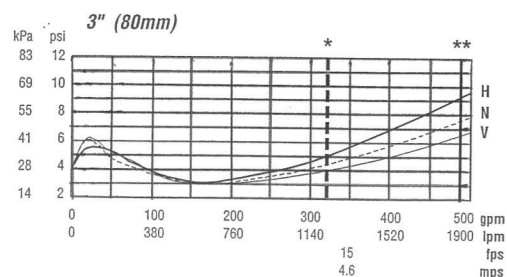
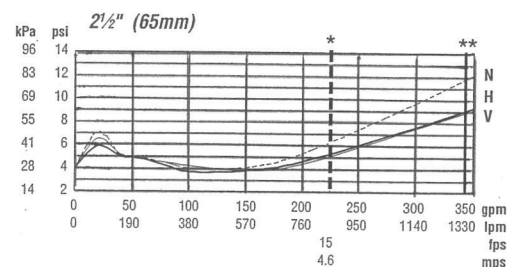


H – Horizontal

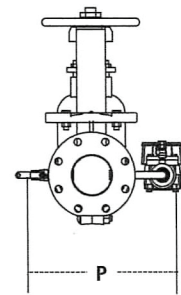
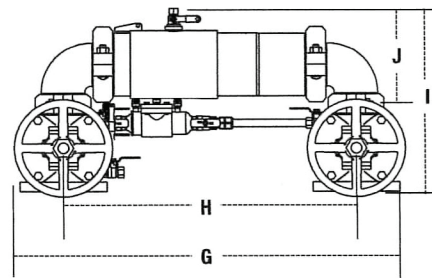
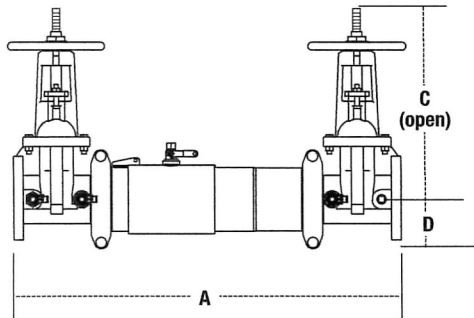
V-Vertical

N-N Pattern

Maxim™ Series M300a, M300Na

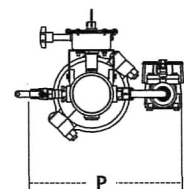
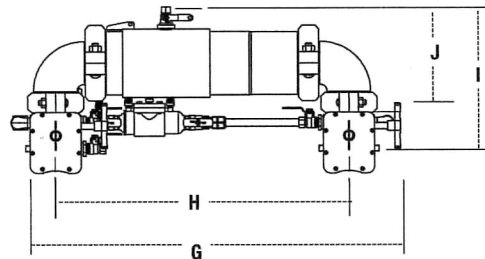
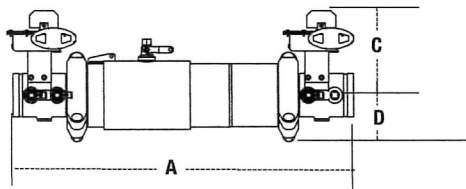


Dimensions — Weights



M300, M300N

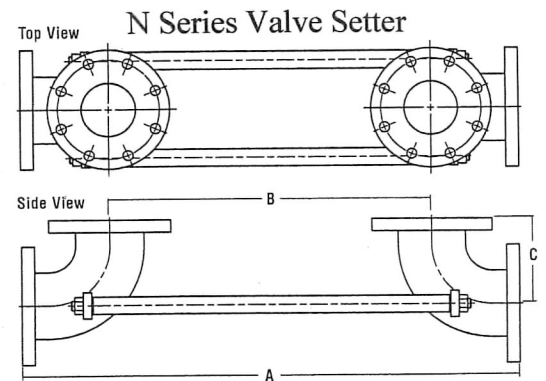
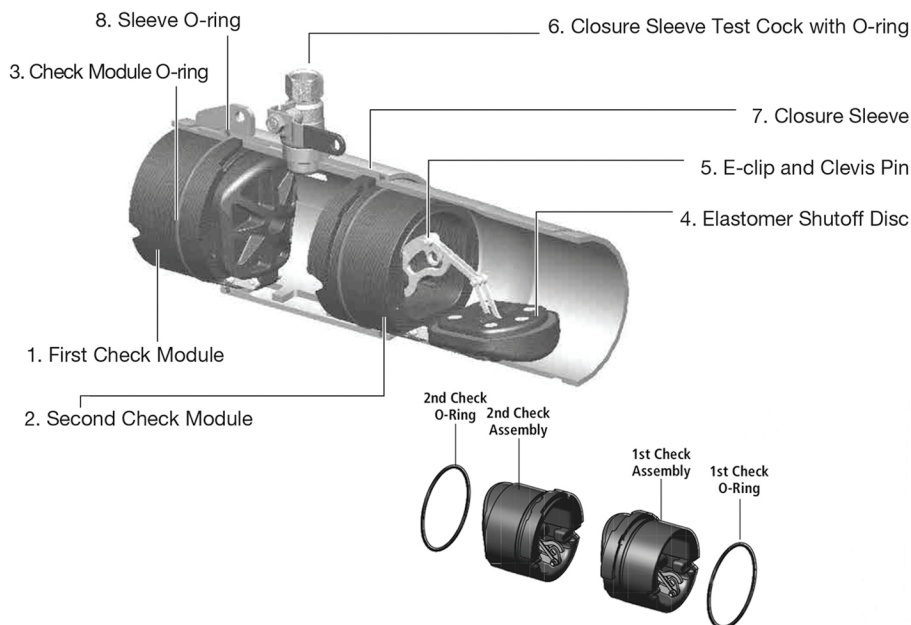
SIZE (DN)				DIMENSIONS												WEIGHT					
		A		C (OSY)		D		G		H		I		J		P		M300		M300N	
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs.	kgs.	lbs.	kgs.
2½	65	30¾	781	16⅜	416	3½	89	29⅛	738	21½	546	15⅜	402	8⅜	223	13⅜	335	139	63	147	67
3	80	31¾	806	18⅞	479	3⅞	94	30½	775	22¼	565	17⅞	435	9⅜	233	14½	368	159	72	172	78
4	100	40½	1029	22¾	578	5	127	39¾	1010	30¼	768	20⅜	518	11⅞	297	15⅜	386	233	106	256	116
6	150	47¾	1213	30⅛	765	6½	165	40	1016	37½	953	24¾	629	14⅜	360	19½	495	404	183	444	201
8	200	54¾	1391	37¾	959	7½	191	59⅛	1502	45⅛	1146	28⅜	721	16¾	425	21½	546	578	262	654	297
10	250	57¾	1467	45¾	1162	8⅜	208	66	1676	49½	1257	32½	826	17⅝	440	24	610	795	361	965	438



M300BFG, M300NBFG

SIZE (DN)				DIMENSIONS												WEIGHT					
		A		C		D		G		H		I		J		P		M300BFG		M300NBFG	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.	lbs.	kgs.
2½	65	27¾	705	8	203	3½	89	29⅞	759	21½	546	14 ¹⁵ ⁄16	379	8 ¹³ ⁄16	223	13	330	70	32	78	35
3	80	28¼	718	8 ⁵ ⁄16	211	3 ¹¹ ⁄16	94	30¾	781	22¼	565	15 ⁷ ⁄16	392	9 ³ ⁄16	233	13½	343	68	31	81	37
4	100	35¾	908	8 ¹¹ ⁄16	221	4 ¹³ ⁄16	122	39	991	30¼	768	18	457	11 ¹¹ ⁄16	297	15	381	133	60	156	71
6	150	40¾	1035	10	254	6	152	47 ⁷ ⁄16	1205	37½	953	20 ¹¹ ⁄16	525	14 ³ ⁄16	360	19½	495	225	102	265	120
8	200	47¾	1213	12 ³ ⁄16	310	6 ¹³ ⁄16	173	56	1422	45⅛	1146	24⅛	613	16¾	425	21½	546	359	163	435	197

Noryl® is a registered trademark of SABIC Innovative Plastics™



SIZE		A		B		C		WEIGHT	
in	mm	in	mm	in	mm	in	mm	lb.	kg.
3"	80	33 3/4"	857	22 3/4"	578	5 1/2"	140	60	27
4"	100	37"	940	24"	610	6 1/2"	165	100	45
6"	150	49 3/4"	1264	33 3/4"	857	8"	203	150	68
8"	200	58 5/8"	1489	40 5/8"	1032	9"	229	230	104
10"	250	72"	1829	50"	1270	11"	279	375	170