

WATTS

757 DCDA/ 757A DCDA

SIZE

757DCDA

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

757A DCDA

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

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 Watts model 757 DCDA and 757A DCDA. These models will also be sold as Ames model C300 and C300A. The mainline assembly is similar in construction to the 757 and 757A. The bypass assembly used for the first two years was the Flomatic DCVE 3/4". The assembly also used 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

Repair kit contains discs and O-rings for both check modules

SIZE

757 2 1/2"-4"

757A 2 1/2"-4"

757 6"

757A 6"

757 8"

757 10"

KIT NO

757-RT250

757A-RT250

757-RT600

757A-RT600

757-RT800

757-RT001

Bypass repair kit contains all check discs or check disc holders, and O-rings

SIZE

Flomatic DCVE 3/4"

Watts 007M3 3/4"

KIT NO

B91RK00 ♦

007M3RT075

IMPORTANT FEATURES

~2 1/2"-6" check access slides open

~Body is stainless steel

~Check modules are repairable

~Factory repair information enclosed





Materials

Housing & Sleeve: 304 (Schedule 40) Stainless Steel
 Elastomers: EPDM, Silicone and Buna-N
 Tri-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

Pressure — Temperature

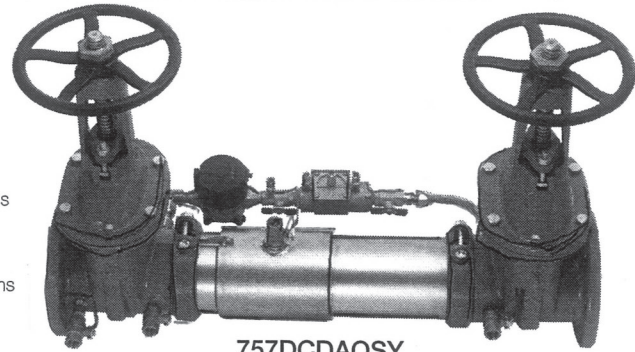
Temperature Range: 33°F – 140°F (0.5°C – 60°C)
 Maximum Working Pressure: 175psi (12.1 bar)

Models 757 DCDA & 757A DCDA Sizes 2 ½-10"

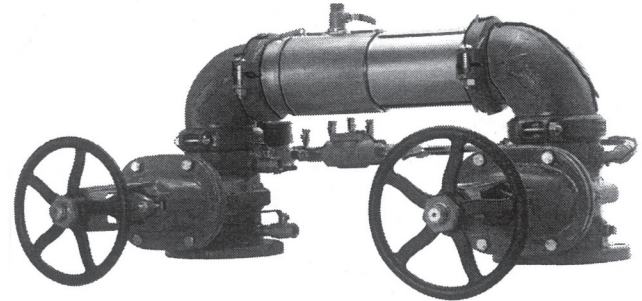
Double Check Detector Assemblies

Features

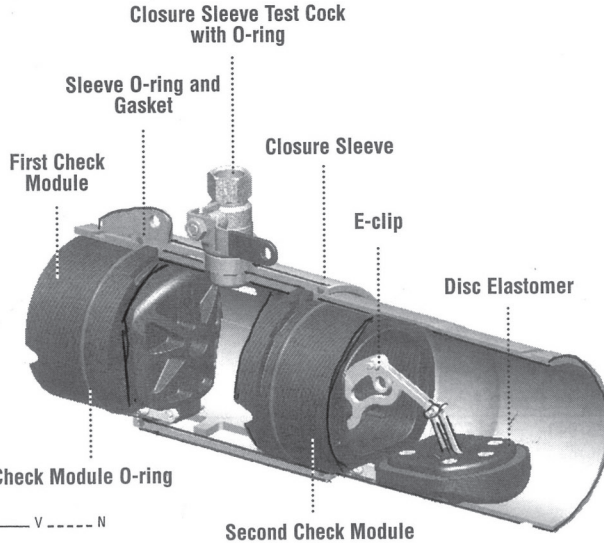
- Extremely compact design
- 70% Lighter than traditional designs
- 304 (Schedule 40) stainless steel housing & sleeve
- Groove fittings allow integral pipeline adjustment
- Patented tri-link spring check provides lowest pressure loss
- Unmatched ease of serviceability
- Available with grooved butterfly valve shutoffs
- May be used for horizontal, vertical or N pattern installations
- Replaceable check disc rubber



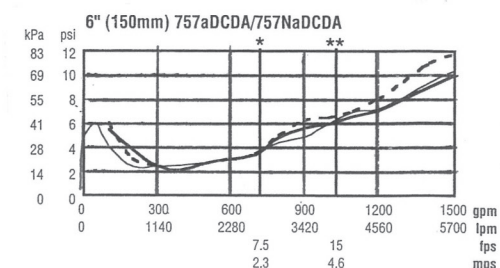
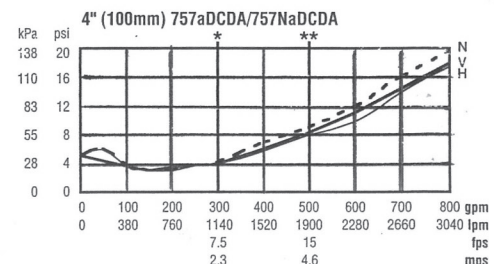
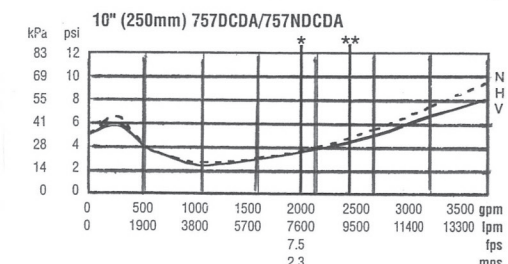
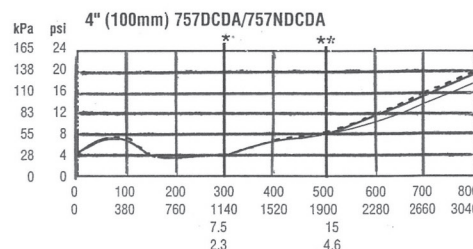
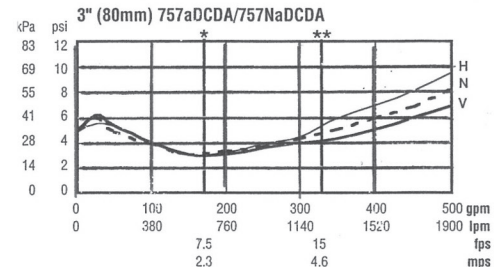
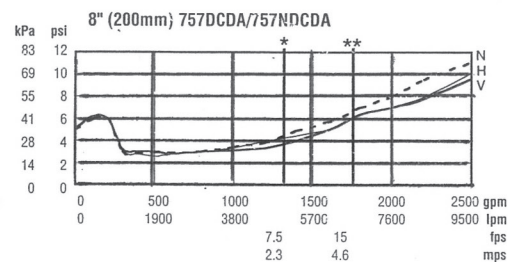
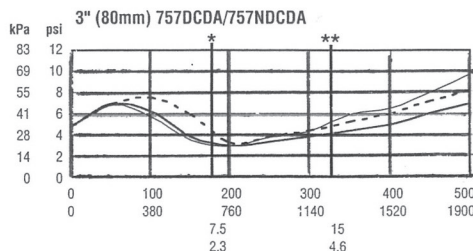
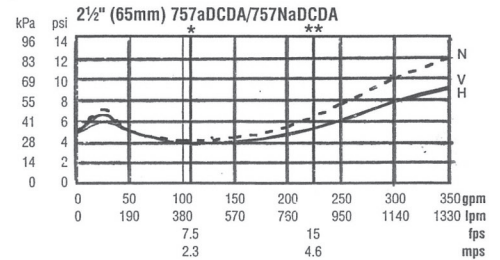
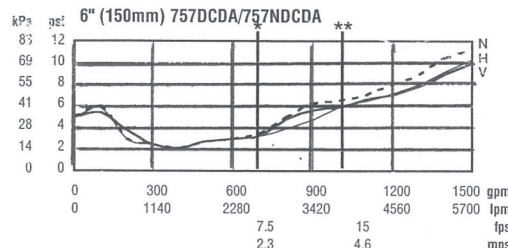
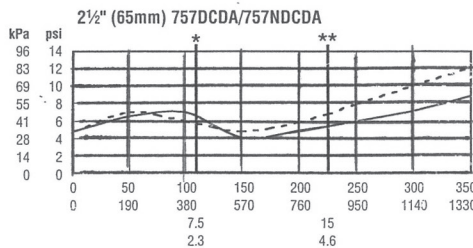
757DCDAOSY



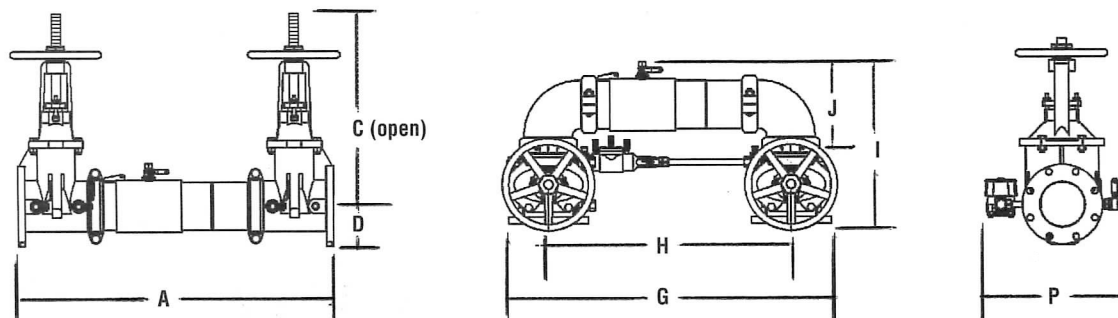
757NDCDAOSY



— H — V — — — N
 * = Rated flow ** = UL Rated flow



Dimensions — Weight

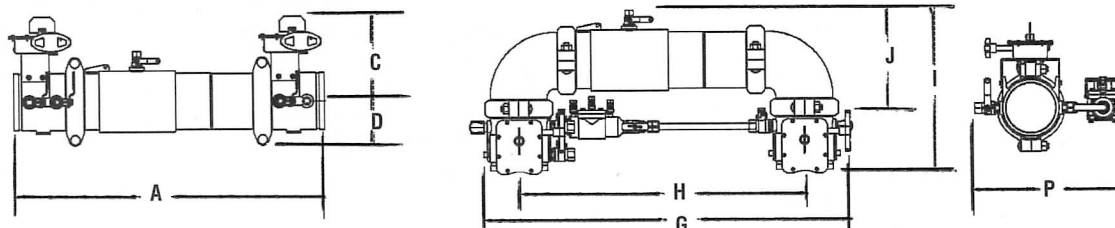


757DCDA, 757NDCDA

SIZE (DN)		DIMENSIONS				WEIGHT															
		A		C (OSY)		D		G		H		I		J		P		757DCDA		757NDCDA	
<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>lbs.</i>	<i>kgs.</i>	<i>lbs.</i>	<i>kgs.</i>
2½	65	30¾	781	16¾	416	3½	89	29⅞	738	21½	546	15½	393	8⅜	223	13¾	335	139	63	147	67
3	80	31¾	806	18¾	479	3⅞	94	30¼	768	22¼	565	17⅞	435	9⅞	233	14½	368	159	72	172	78
4	100	33¾	857	22¼	578	4	102	33	838	23½	597	18½	470	9⅞	252	15⅞	386	175	79	198	90
6	150	43½	1105	30⅞	765	5½	140	44¾	1137	33¼	845	23¾	589	13¾	332	19	483	309	140	350	159
8	200	49¾	1264	37¼	959	6⅞	170	54⅞	1375	40⅞	1019	27⅞	697	15⅞	399	21¾	538	494	224	569	258
10	250	57¾	1467	45¼	1162	8⅞	208	66	1676	49½	1257	32¾	826	17⅞	440	24	610	795	361	965	438

757aDCDA / 757NaDCDA

SIZE (DN)				DIMENSIONS												WEIGHT					
		A		C (OSY)		D		G		H		I		J		P		757aDCDA		757NaDCDA	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.	lbs.	kgs.
2½	65	31	787	16¾	416	3½	89	29⅞	738	22	559	15½	393	8⅜	223	13¾	335	139	63	147	67
3	80	31⅞	805	18⅞	479	3⅞	94	30¼	768	22¾	578	17⅞	435	9⅞	233	14½	368	159	72	172	78
4	100	33⅞	856	22¾	578	4	102	33	838	24	610	18½	470	9⅞	252	15¾	386	175	79	198	90
6	150	44	1118	30⅞	765	5½	140	44¾	1137	33¾	857	23⅞	589	13⅞	332	19	483	309	140	350	159



757DCDABFG / 757NDCDABFG

SIZE (DN)		DIMENSIONS				WEIGHT															
		A		C		D		G		H		I		J		P		757DCDABFG		757NDCDA BFG	
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 ³ / ₁₆	223	13	330	70	32	78	35
3	80	28¼	718	8 ⁵ / ₁₆	211	3 ¹ / ₁₆	94	30 ¹ / ₁₆	779	22¼	565	15 ⁷ / ₁₆	392	9 ⁹ / ₁₆	233	13½	343	68	31	81	37
4	100	29	737	8 ¹⁵ / ₁₆	227	3 ¹ / ₁₆	94	31 ¹⁵ / ₁₆	811	23½	597	16¼	412	9 ⁹ / ₁₆	252	14	356	75	34	98	44
6	150	36½	927	10	254	5	127	43 ⁹ / ₁₆	1097	33¼	845	19 ¹ / ₁₆	500	13 ¹ / ₁₆	332	14½	368	131	59	171	78
8	200	42¾	1086	12¼	311	6½	165	51 ¹ / ₁₆	1297	40⅞	1019	23 ⁵ / ₁₆	592	15 ¹ / ₁₆	399	18 ³ / ₁₆	462	275	125	351	159

757aDCDABFG / 757NaDCDABFG

SIZE (DN)				DIMENSIONS												WEIGHT					
		A		C		D		G		H		I		J		P		757aDCDABFG		757aNDCCDA BFG	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.	lbs.	kgs.
2½	65	28	711	8	203	3½	89	29⅞	759	22	559	14 ¹⁵ / ₁₆	379	8 ¹³ / ₁₆	223	13	330	70	32	78	35
3	80	28½	724	8 ⁵ / ₁₆	211	3 ¹¹ / ₁₆	94	30 ¹¹ / ₁₆	779	22¾	578	15 ⁷ / ₁₆	392	9 ⁹ / ₁₆	233	13½	343	68	31	81	37
4	100	29 ³ / ₁₆	741	8 ¹⁵ / ₁₆	227	3 ¹¹ / ₁₆	94	31 ¹⁵ / ₁₆	811	24	610	16¼	412	9 ¹⁵ / ₁₆	252	14	356	75	34	98	44
6	150	36½	927	10	254	5	127	43 ³ / ₁₆	1097	33¾	857	19 ¹¹ / ₁₆	500	13 ¹ / ₁₆	332	14½	368	131	59	171	78

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