

For Non-Health Hazard Applications

ES-757DCDA/757NDCDA

Job Name _____ Contractor _____
Job Location _____ Approval _____
Engineer _____ Contractor's P.O. No. _____
Approval _____ Representative _____

Series 757DCDA, 757NDCDA Double Check Detector Assemblies

Sizes: 2 1/2" - 10" (65 - 250mm)

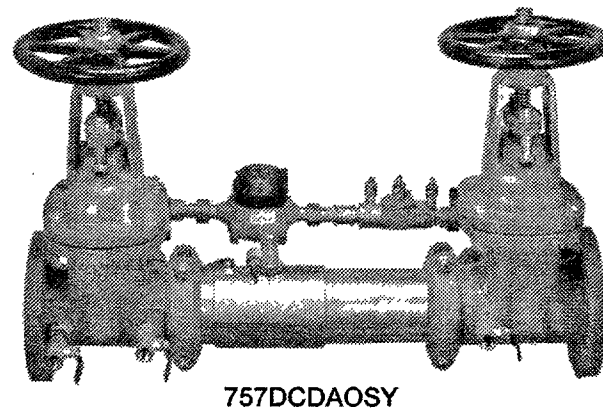
Series 757DCDA, 757NDCDA Double Check Detector Assemblies are used to prevent backflow of non-health hazard pollutants that are objectionable but not toxic, from entering the potable water supply system. The 757DCDA, 757NDCDA may be installed under continuous pressure service and may be subjected to backpressure and backsiphonage. Series 757DCDA, 757NDCDA is used primarily on fire line sprinkler systems when it is necessary to monitor unauthorized use of water.

Features

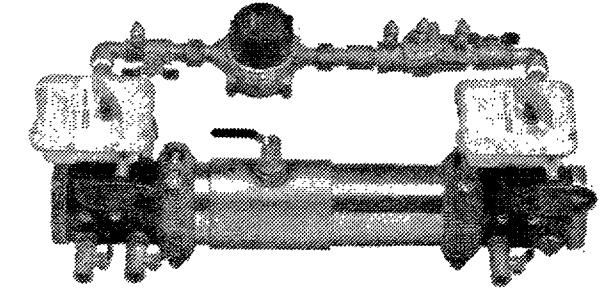
- Extremely compact design
- 70% lighter than traditional designs
- 304 (Schedule 40) stainless steel housing & sleeve
- Groove fittings allow integral pipeline adjustment
- Patented tri-link spring check provides lowest pressure loss
- Unmatched ease of serviceability
- Available with grooved butterfly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

Specifications

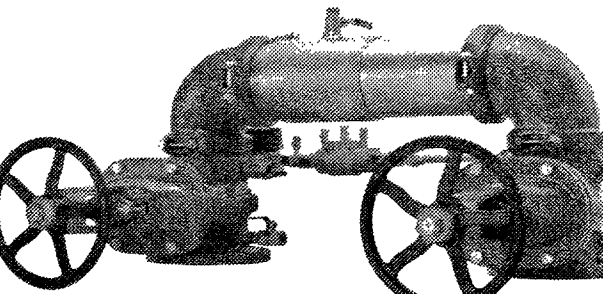
The Double Check Detector Assembly shall consist of two independent tri-link check modules within a single housing, sleeve access port, four test cocks and two drip tight shutoff valves. Tri-link checks shall be removable and serviceable, without the use of special tools. The housing shall be constructed of 304 Schedule 40 stainless steel pipe with groove end connections. Tri-link checks shall have reversible elastomer discs and in operation shall produce drip tight closure against reverse flow caused by backpressure or backsiphonage. The bypass assembly shall consist of a meter, which registers in either gallon or cubic measurement, a double check backflow assembly and required test cocks. Assembly shall be a Watts Series 757DCDA, 757NDCDA.



757DCDA0SY



757DCDABFG



757NDCDA0SY

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

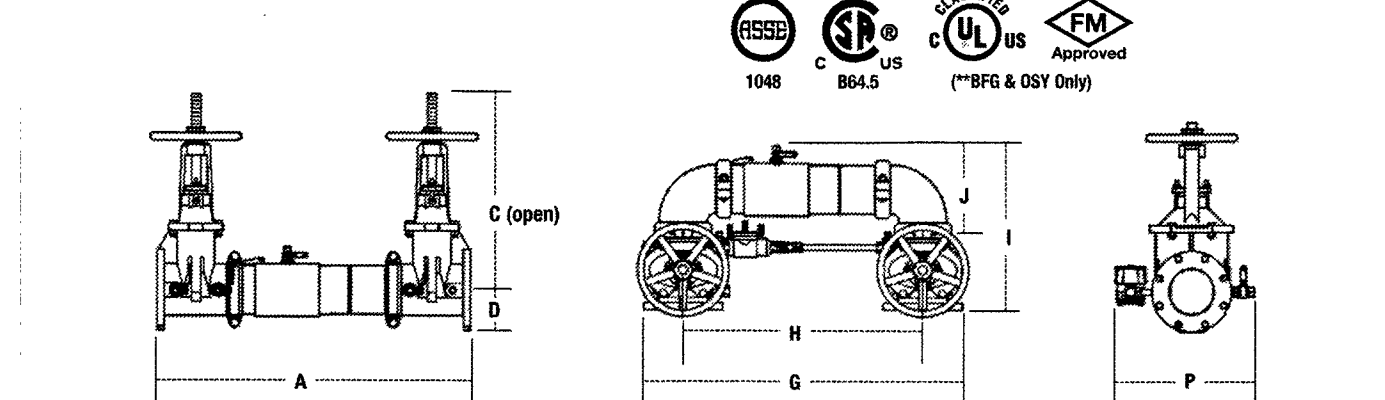


Available Models

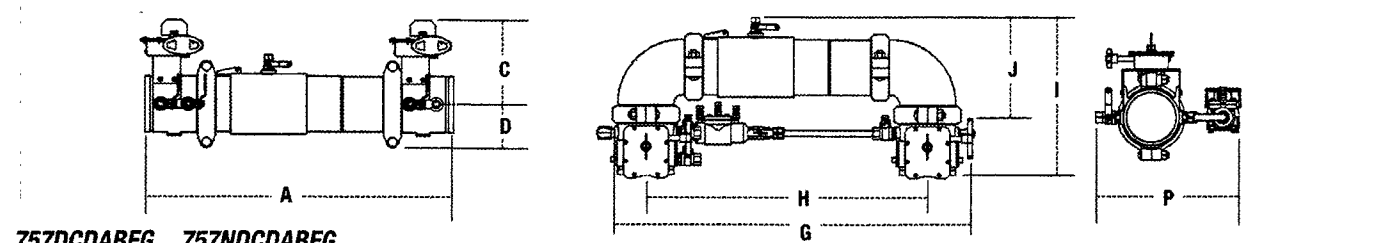
- Suffix:
- OSY - UL/FM outside stem and yoke resilient seated gate valves
- BFG - UL/FM grooved gear operated butterfly valves with tamper switch
- *OSY FXG - Flanged inlet gate connection and grooved outlet gate connection
- *OSY GXF - Grooved inlet gate connection and flanged outlet gate connection
- *OSY GXG - Grooved inlet gate connection and grooved outlet gate connection

Available with grooved NRS gate valves - consult factory*
Post indicator plate and operating nut available - consult factory*
*Consult factory for dimensions

Dimensions - Weight



757DCDA, 757NDCDA		DIMENSIONS		WEIGHT	
SIZE (in)		A	C (OSY)	D	G
2 1/2	65	30 3/4	78 1/2	41 1/2	3 1/2
3	80	31 3/4	80 1/2	41 1/2	3 1/2
4	100	33 3/4	85 1/2	42 1/2	3 1/2
6	150	43 1/2	110 1/2	50 1/2	4 1/2
8	200	49 1/2	124 1/2	56 1/2	5 1/2
10	250	57 1/2	146 1/2	64 1/2	6 1/2



757DCDABFG, 757NDCDABFG		DIMENSIONS		WEIGHT	
SIZE (in)		A	C	D	G
2 1/2	65	27 1/2	70 1/2	3 1/2	2 1/2
3	80	28 1/2	71 1/2	3 1/2	2 1/2
4	100	29 1/2	72 1/2	3 1/2	2 1/2
6	150	36 1/2	92 1/2	4 1/2	3 1/2
8	200	42 1/2	106 1/2	5 1/2	4 1/2

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662 - Carbon Flange Tapping Sleeve 663 - Stainless Steel Flange Tapping Sleeve Stainless Steel Body and Neck Certified to NSF®/ANSI 61-G

Material Specifications

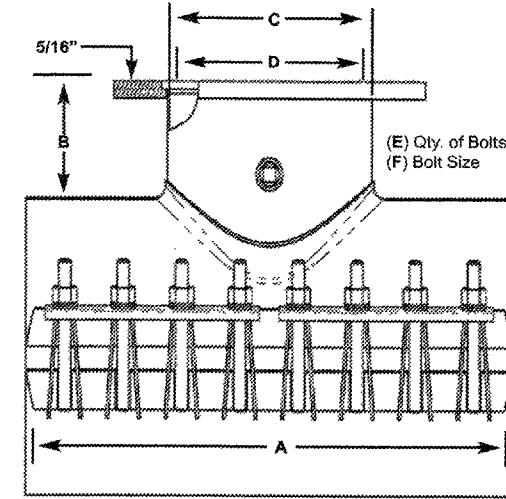
Body: Full circumference flange, 18-8 type 304 Stainless Steel.

Flanges: AWWA C207 Class D, ANSI 150# drilling. Recessed for Tapping Valve Per MSS-SP 60. Fusion bonded, Flexi-Coat® epoxy coated carbon steel on 662. 18-8 type 304 stainless steel flange on 663. Optional: Other types of Flanges, threaded outlets, MJ Outlets.

Gasket: Nitrile (Buna-N) NSF® 61 compounded to resist water, oil, acids, alkalies, most (aliphatic) hydrocarbon fluids and many chemicals. Temperatures up to 180°F.

Bolts, Nuts & Washers: 18-8 type 304 stainless steel heavy hex nuts, stud bolts & washers. Nuts and studs are coated to prevent galling.

Material specifications are subject to change.



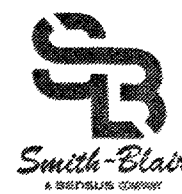
662-663 Tapping Sleeve Specifications

Outlet Size	Nominal Body Size	A (in.)	B (in.)	C (in.)	D (in.)	E	F (in.)
4	4	15	5	5 1/16	4 3/16	8	5/8
	6-18	15	5	5 1/16	4 3/4	8	5/8
	20-24	20	5	5 1/16	4 3/4	15	5/8
6	6	15	5	7 1/16	6 5/16	8	5/8
	8-18	15	5	7 1/16	6 3/4	8	5/8
	20-24	20	5	7 1/16	6 3/4	15	5/8
8	8	20	5	9 1/16	8 3/8	10	5/8
	10-18	20	5	9 1/16	8 3/4	10	5/8
	20-24	25	5	9 1/16	8 3/4	24	5/8
10	10	25	5	11 3/32	10 1/4	16	5/8
	12-18	25	5	11 3/32	10 3/4	16	5/8
	20-24	25	5	11 3/32	10 3/4	24	5/8
12	12	25	5	13 3/32	12 1/4	16	5/8
	14-18	25	5	13 3/32	12 3/4	16	5/8
	20-24	25	5	13 3/32	12 3/4	24	5/8

Optional 316 Stainless Steel.
For MJ Outlets, replace the last 2 "00's in the middle eight digit s with "MJ". Example: 662-127504MJ-000.

CC-620

9



662 - Carbon Flange Tapping Sleeve 663 - Stainless Steel Flange Tapping Sleeve Stainless Steel Body and Neck Certified to NSF®/ANSI 61-G

Nominal Size of Pipe x Flanged Outlet	O. D. Range (Inches)	662 Flexi-Coat® Epoxy Coated Carbon Steel Flange Catalog Number	663 Stainless Steel Flange Catalog Number	Approx. Weight Each Pounds
4 x 4	4.46-4.86	662-04800400-200	663-04800400-200	32
4 x 4	4.80-5.10	662-05000400-200	663-05000400-200	34
4 x 4	4.95-5.35	662-05100400-200	663-05100400-200	40
6 x 4	6.59-6.99	662-06630400-000	663-06630400-000	38
6 x 6	6.63-6.99	662-06630600-200	663-06630600-200	42
6 x 4	6.84-7.30	662-06900400-000	663-06900400-000	38
6 x 6	6.84-7.30	662-06900600-200	663-06900600-200	42
6 x 4	7.10-7.50	662-07200400-000	663-07200400-000	38
6 x 6	7.10-7.50	662-07200600-200	663-07200600-200	42
6 x 4	7.40-7.80	662-07450400-000	663-07450400-000	38
6 x 6	7.40-7.80	662-07450600-200	663-07450600-200	42
8 x 4	7.90-8.30	662-08600400-000	663-08600400-000	43
8 x 6	7.90-8.30	662-08600600-200	663-08600600-200	63
8 x 4	8.62-9.06	662-08630400-000	663-08630400-000	43
8 x 6	8.62-9.06	662-08630600-200	663-08630600-200	47
8 x 4	8.62-9.06	662-08630800-200	663-08630800-200	63
8 x 4	8.99-9.45	662-09050400-000	663-09050400-000	43
8 x 6	8.99-9.45	662-09050600-200	663-09050600-200	47
8 x 8	8.99-9.45	662-09050800-200	663-09050800-200	63
8 x 4	9.20-9.60	662-09450400-000	663-09450400-000	43
8 x 6	9.20-9.60	662-09450600-200	663-09450600-200	47
8 x 8	9.20-9.60	662-09450800-200	663-09450800-200	63
8 x 4	9.66-10.00	662-09650400-000	663-09650400-000	43
8 x 6	9.66-10.00	662-09650600-200	663-09650600-200	47
8 x 8	9.66-10.00	662-09650800-200	663-09650800-200	63
10 x 4	10.73-11.13	662-10750400-000	663-10750400-000	47
10 x 6	10.73-11.13	662-10750600-200	663-10750600-200	51
10 x 8	10.73-11.13	662-10750800-200	663-10750800-200	70
10 x 4	11.05-11.45	662-11100400-000	663-11100400-000	47
10 x 6	11.05-11.45	662-11100600-200	663-11100600-200	51
10 x 8	11.05-11.45	662-11100800-200	663-11100800-200	70
10 x 10	11.05-11.45	662-11101000-200	663-11101000-200	75
10 x 4	11.70-12.10	662-11750400-000	663-11750400-000	47
10 x 6	11.70-12.10	662-11750600-200	663-11750600-200	51
10 x 8	11.70-12.10	662-11750800-200	663-11750800-200	70
10 x 10	11.70-12.10	662-11751000-200	663-11751000-200	75
10 x 4	12.00-12.40	662-12000400-000	663-12000400-000	47
10 x 6	12.00-12.40	662-12000600-200	663-12000600-200	51
10 x 8	12.00-12.40	662-12000800-200	663-12000800-200	70
10 x 10	12.00-12.40	662-12001000-200	663-12001000-200	75

For MJ Outlets, replace the last 2 "00's in the middle eight digit s with "MJ". Example: 662-127504MJ-000.

10

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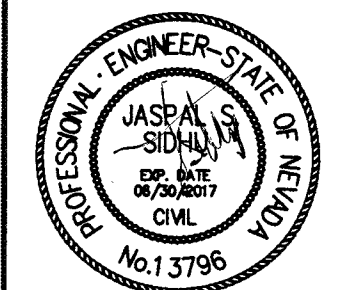
WATER AND SEWER DETAILS

GURUDWARA BABA DEEP SINGH JI
6341 W. LONE MOUNTAIN
LAS VEGAS, NEVADA 89130

APN # 138-02-501-002

TITLE

PROJECT



DATE: 06/30/2016
JOB: DWG BY: OS
CHK BY: JS

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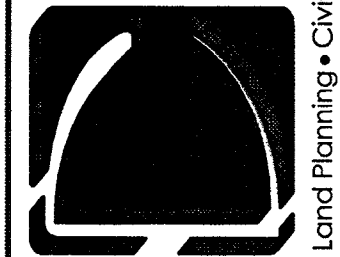
6 OF 7

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ACE Design LLC

6283 Dean Martin Drive, Suite B
LAS VEGAS, NEVADA 89118
Phone: (702) 396-5114, Fax: (702) 446-8155



Land Planning • Civil Engineering • Architectural Design • Structural Engineering

REVISIONS:
REVISION ISSUE

DATED