

CONBRACO

4S-600/ DCDA/ DCDA-4S

DCDA-4SG SERIES

SIZE

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

DESCRIPTION

This is a double check detector assembly. Production began in 1999. Both model designations 4S-600 or DCDA have been used on this assembly. The main assembly is similar to the 4S-100 series of double check. The bypass assembly uses a 1/2" 4S-100/DC. In 2008 the DCDA-4SG Model was produced in sizes 2 1/2"-8". The G designation referred to the groove end check body as opposed to the flanged end body. All internal repair parts are the same. There were some dimensional differences between the flanged and grooved end units.

BASIC REPAIR KIT

The mainline repair kit contains all rubber discs, O-rings, and gasket

<u>SIZE</u>	<u>KIT NO</u>
2 1/2"-6"	4S-100-30 *
8"-10"	4S-100-80 *

The bypass kit contains both check modules and O-rings

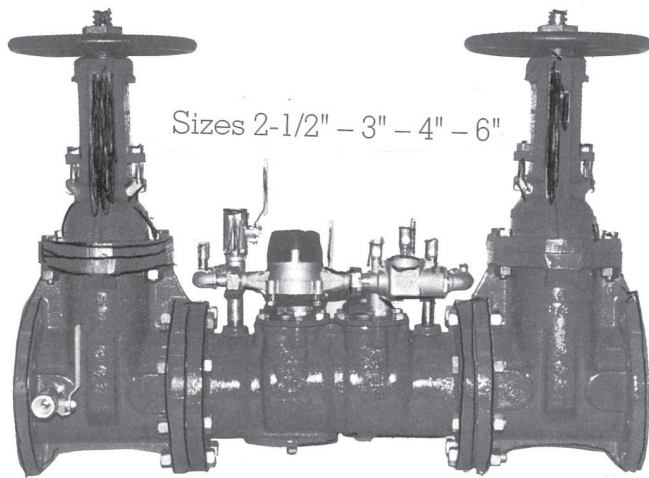
<u>SIZE</u>	<u>KIT NO</u>
1/2"	4S-003-01

IMPORTANT FEATURES

- ~Mainline assembly 4S-100 series
- ~Bypass assembly 4S-100 series
- ~Factory repair information enclosed



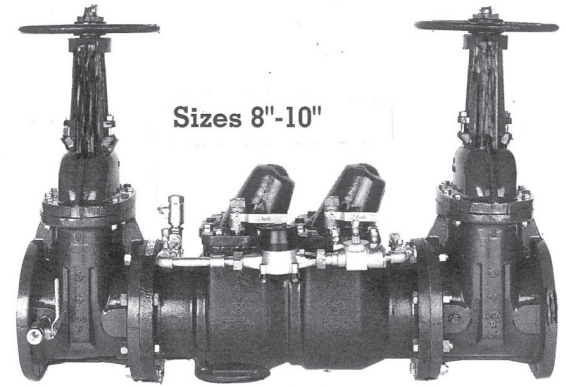
CONBRACO DOUBLE CHECK DETECTOR ASSEMBLY 4S-600 SERIES MODEL DCDA



Sizes 2-1/2" - 3" - 4" - 6"

FEATURES

- Corrosion Resistant
- Replaceable Discs
- Low Head Loss
- Economical
- Short Lay Length
- Light Weight
- Designed For Easy Maintenance
- Check Valve Assemblies Interchangeable
- Maximum Working Pressure 175 PSI
- Operating Temperature Range 33-140°F
- U.S. Patent #6,343,618



Sizes 8"-10"

MATERIALS 2 1/2" - 6"

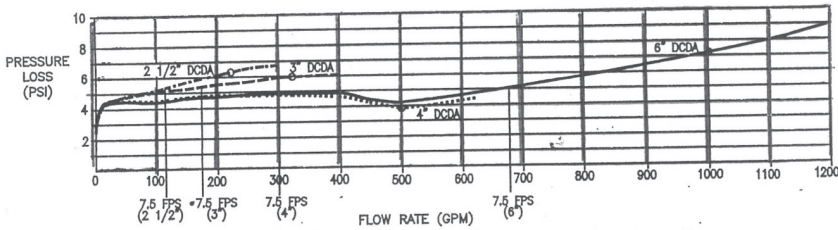
1. Body & Covers	— Epoxy coated (FDA approved)
	— Ductile iron (mainline)
	— Bronze (by-pass)
2. Springs	— Stainless steel
3. Seats	— Thermoplastic
4. C.V. Discs	— EPDM
5. Fasteners	— Stainless steel

ORDERING NUMBER

4S-60X-XX	
9 - 2-1/2"	1 - Less gate valves
0 - 3"	3 - With OS&Y gate valves
A - 4"	6 - With post indicator
C - 6"	C - With meter in cubic feet
	E - With meter in gallons
	G - Less water meter

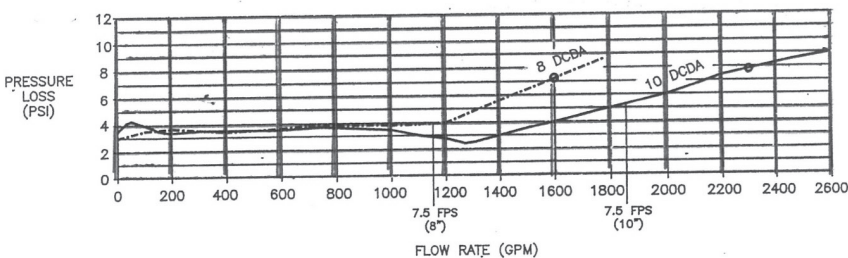
(c) Rated Flow as determined by USC's FCCC&HR and ASSE design performance standards.

2-1/2" - 6"



(a) Rated Flow as determined by USC's FCCC&HR and ASSE design performance standards.

8" - 10"



MATERIALS 8-10"

Body & Covers	— Epoxy Coated (FDA Approved)
	— Ductile Iron (mainline)
	— Bronze (by-pass)
Springs	— Stainless Steel
Seats	— Bronze
C.V. Discs	— EPDM
Fasteners	— Stainless Steel

Flanged End Check Body Dimensions

DIMENSIONS (in.) - WEIGHTS (lbs.)

Size	2 1/2"	3"	4"	6"	8"	10"
A*	32 1/4	33 1/4	34 1/4	39 1/4	50 1/4	55 1/4
B*						
(Flanged-end body)	17	17	16 1/2	18	27	29 1/2
C (NRS)	11 1/4	12 1/4	14 1/4	19	22 1/2	26 1/2
C (OS&Y Open)	17	19	22 1/4	30 1/4	38	46
D	9	9	9	9	10 1/4	10 1/4
E	7	7 1/2	9	11	13 1/2	16
F	34 1/4	38 1/4	39 1/4	46 1/4	59 1/4	69 1/4
G	27 1/4	28 1/4	29 1/4	34 1/4	45 1/4	51 1/4
H	19 1/4	20 1/4	22 1/4	25 1/4	34 1/4	39 1/2
Test Cocks (NPT)	1/2	1/2	1/2	3/4	3/4	3/4
Net Wt. (Less Valves)	79	83	89	107	440	490
Net Wt. (w/ OS&Y shut-off valves)	185	217	287	419	940	1340
Net Wt. (w/ OS&Y valves & elbows)	221	268	372	554	1168	1713

* Nominal dimensions are shown. Allowances must be made for manufacturers' tolerances.

For Grooved End Body Dimensions, Refer to The DC-4SG Dimension Chart

