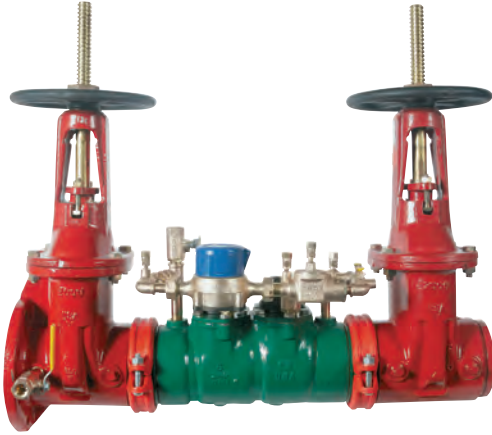


DCDA 4SG SERIES

DOUBLE CHECK DETECTOR BACKFLOW PREVENTER ASSEMBLY



The Apollo® DCDA 4SG Series Double Check Detector Assembly is designed to prevent contamination of the potable water supply due to back-siphonage or backpressure from substances that are non-health hazards. The device consists of a mainline double check valve with resilient seated shut-off valves. The by-pass serves to measure water use of up to 3 gpm. Grooved connections on an epoxy-coated ductile iron body allow for easy connection to butterfly valves or gate valves. (2-1/2" - 8")

FEATURES

- Lightweight
- Short Lay Length
- Low Pressure Loss
- Modular Check Valves
- Individual Access to Check Calves
- Reversible/Replaceable Seat Discs
- Approved for Vertical and Horizontal Installations
- Gate Valves Epoxy Coated (FDA)
- Corrosion Resistant FDA Epoxy Coated Ductile Iron Body
- US Patents Nos.: 5,711,341 and 6,343,618
- 5 Year Warranty
- **Assembled and Tested in the USA**

APPROVALS

- UL Classified
- FM Approved
- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California (2-1/2" - 10" Non Lead Free Only)
- ASSE 1048 (with Meter)
- CSA

PERFORMANCE RATING

- Maximum Working Pressure: 175 psi
- Temperature Range: 33°F - 140°F
- Hydrostatic Test Pressure: 350 psi

STANDARD MATERIALS LIST

BODY (MAINLINE)	FDA Epoxy Coated Ductile Iron
BYPASS DC	Bronze (C8440/LF C89836)
COVERS (2-1/2" - 6")	FDA Epoxy Coated Steel
COVERS (8")	FDA Epoxy Coated Ductile Iron
CHECK VALVES (2-1/2" - 6")	Glass-Filled PPO
CHECK VALVES (8" - 10")	Bronze (C8440)
SPRINGS	Stainless Steel
SEAT DISCS	Chloramine-Resistant EPDM
TEST COCK HANDLES	Stainless Steel

PART NUMBER MATRIX

4S X	60 X	X	XX	X
	SIZE	METER OPTION	SHUT-OFF VALVES (INLET X OUTLET)	OPTION
4SG - STANDARD (2-1/2"-8" ONLY)	9 - 2-1/2"	C - CUBIC FEET/MIN	03 - OS&Y FLANGE X OS&Y FLANGE	D - DOMESTIC ASSEMBLY
4S - 10" ONLY	0 - 3"	E - GALLONS/MIN	04 - OS&Y FLANGE X MONITORED BUTTERFLY VALVE GROOVE	
	A - 4"	G - LESS METER	06 - OS&Y FLANGE X FLANGE POST INDICATOR	
	C - 6"		07 - OS&Y FLANGE X OS&Y GROOVE	
	E - 8"		08 - OS&Y GROOVE X OS&Y GROOVE	
	G - 10**		09 - MON. BUTTERFLY VALVE GROOVE X MON. BUTTERFLY VALVE GROOVE	
			10 - OS&Y FLANGE X GROOVE POST INDICATOR	

*10" body is flanged internal connections only (Model 4S)

EXAMPLE:

4SG 60A E7 = 4" size double check detector assembly with meter in GPM and OS&Y flanged inlet x OS&Y grooved outlet shut-off valves