

WILKINS 550 DCDAR

SIZE

6", 8", 10"

DESCRIPTION

This is a manifold double check detector assembly. Production was discontinued in 1995. This model utilizes two 550 DCDA assemblies in conjunction with two specially constructed "Y" fittings which produces a manifold assembly. The 6" DCDAR contains two 3" 550 DCDA. The 8" DCDAR contains two 4" 550 DCDA. The 10" DCDAR contains two 6" 550 DCDA.

BASIC REPAIR KIT

See corresponding 550 DCDA model and size

IMPORTANT FEATURES

~Factory repair information enclosed



MANIFOLD ASSEMBLY

WILKINS

MODEL M6-DCDAR, M8-DCDAR, M10-DCDAR Double Check Detector Assembly Backflow Preventers



SPECIFICATIONS

PURPOSE

The WILKINS Manifold DCDAR Series Backflow Preventer prevents contamination of the potable water supply by backflow from fire protection systems, and detects costly leaks or unauthorized water usage. The unit consists of two 550 DCDAR Double Check Detector Assemblies, each with a by-pass line assembly consisting of a water meter in series with a Wilkins Model 550 Double Check Backflow Preventer.

Each unit shall operate independently and can be serviced without the necessity of shutting off the other unit, making it ideal where a system can never be without service.

MATERIALS

All corrosion resistant

Epoxy coated (FDA Approved) maincase inside and outside

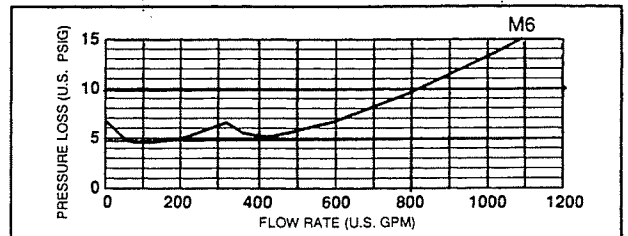
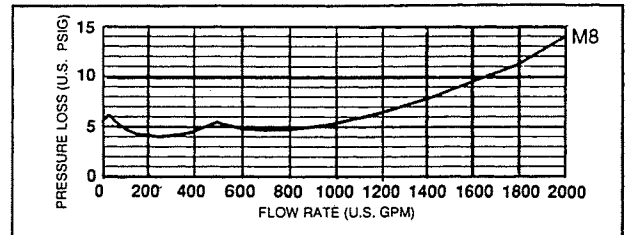
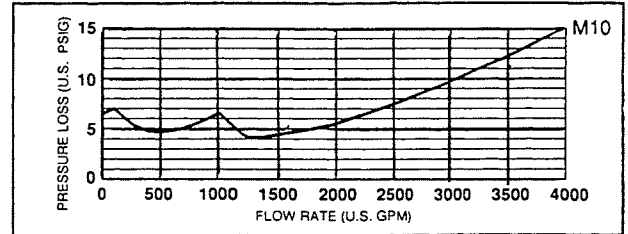
Brass poppet type check valves - unitized spring assembly, independently operated, stainless steel springs

One piece brass sleeve and seat - easy to remove

PRESSURE-TEMPERATURE

Suitable for supply pressure up to 150 PSI and water temperatures from 33°F to 110°F.

FLOW CHARACTERISTICS



TYPICAL INSTALLATION

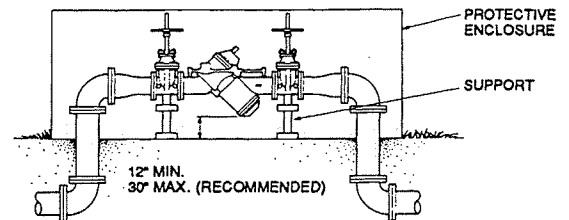
Install with minimum clearance of 12" from floor or grade.

Install with adequate side clearance for testing and maintenance.

Protect from freezing.

Install adequate support blocks.

If installed in pit or vault consult local codes; provide adequate drainage.



CONFIGURATION

M6-DCDAR

Two 6"x 3"x 3" wyes with two 3" DCDAR, Double Check Detector Assembly Backflow Preventers

M8-DCDAR

Two 8"x 4"x 4" wyes with two 4" DCDAR, Double Check Detector Assembly Backflow Preventers

M10-DCDAR

Two 10"x 6"x 6" wyes with two 6" DCDAR, Double Check Detector Assembly Backflow Preventers

OPTIONS

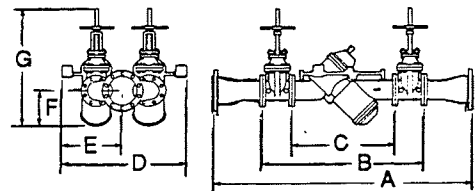
(options may be combined)

L - less shut-off valves

FS - flanged strainer

FSC - epoxy coated flanged strainer

DIMENSIONS & WEIGHTS



MODEL NUMBER	DIMENSIONS (INCHES)						OS&Y OPEN	OS&Y CLSD	WEIGHT (LBS.)	
	A	B	C	D	E	F	G	G	OS&Y	LESS GATES
M6DCDAR	64	36	20	29	15	8	32	28	538	388
M8DCDAR	80	46	28	31	16	11	34	30	1040	812
M10DCDAR	97	57	36	33	17	15	45	39	2065	1691