

WATTS 007 DCDA

SIZE

2", 2 1/2", 3"

DESCRIPTION

The 007 DCDA is a double check detector assembly. Production began in 1995. The assembly utilizes a main valve similar to the 007. Several different bypass assemblies have been used over the years. Check the name plate to identify which version you have. The models used for the bypass were 3/4" 007M1, 3/4" 007M2, or 1/2" 007.

BASIC REPAIR KIT

Mainline repair kit contains either discs or disc holders and O-rings.

<u>SIZE</u>	<u>KIT NO</u>
2"	007M1-RT150
2 1/2"-3"	007-RT250

Bypass repair kit contains all disc holders and O-rings.

<u>SIZE</u>	<u>KIT NO</u>
3/4" 709	709-RT075
3/4" 007M1	007M1-RT075
3/4" 007M2	007M2-RT075
1/2" 007	007-RT050

IMPORTANT FEATURES

~Mainline assembly see 007

~Bypass assembly see 007

~Factory repair information enclosed



AVAILABLE MODELS

Suffix:

CFM - Cubic feet per minute meter

GPM - Gallons per minute meter

MATERIALS

- FDA approved, epoxy coated cast iron unibody with bronze seats (2½" & 3" size)
- Bronze body (2" size)
- Durable tight seating silicone discs
- Stainless steel springs
- ⅝" x ¾" (16 x 19mm) bronze meter

PRESSURE - TEMPERATURE

All sizes are suitable for supply pressures up to 175 psi (12.06 bars) and water temperature at 110°F (43°C) continuous, 140°F (60°C) intermittent.

STANDARDS

ASSE Standard No. 1048

AWWA Standard C510-92

CSA B64.5

IAPMO PS 31



APPROVALS

ASSE, AWWA

UL Classified with OS&Y Gate Valves

*Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California.

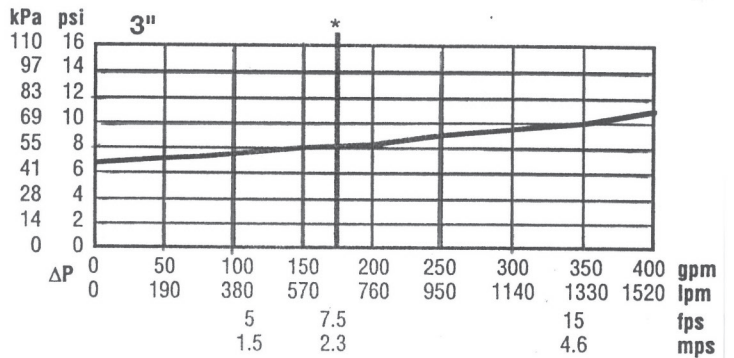
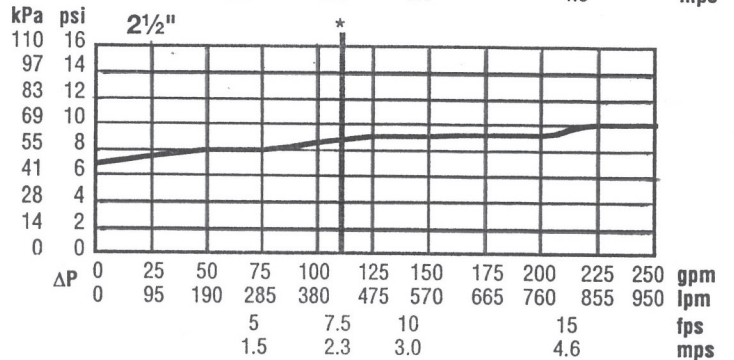
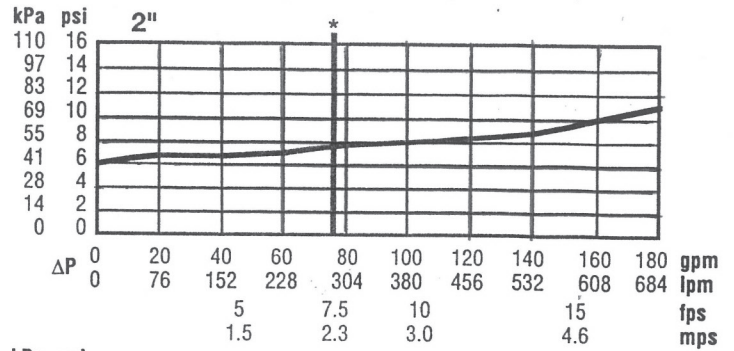
*2" & 2½" (50 & 64mm) 007DCDA horizontal or vertical upward flow position

*3" (76mm) 007DCDA horizontal only

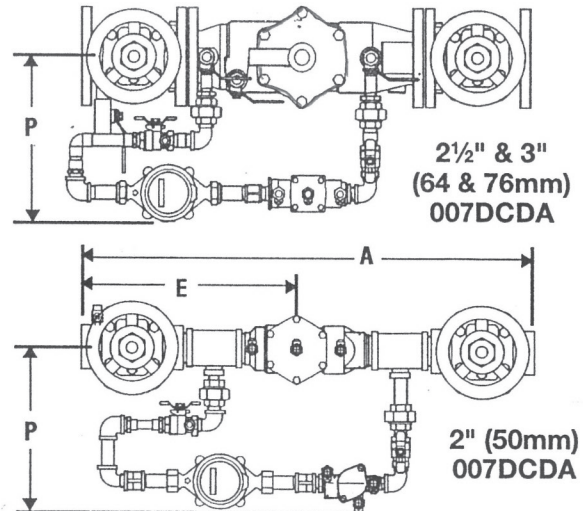
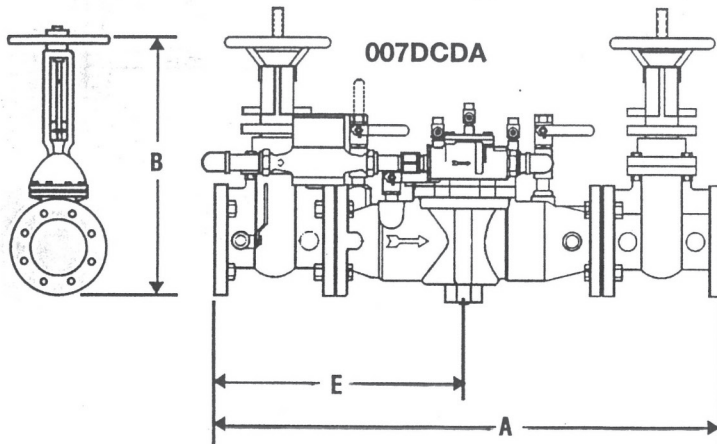
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PRESSURE DROP vs. FLOW

*Typical maximum system flow rate (7.5 feet/sec)



DIMENSIONS - WEIGHT Approximate



Model No.	Size		Dimensions							Weight		
	in.	mm	A	B	E	P	Weight	lbs.	kgs.			
007DCDA OSY	2"	50	35⅞	892	11	279	16¾	426	12¼	311	97	44
007DCDA OSY	2½"	64	33¼	845	15⅞	403	16⅞	416	12⅝	313	164	74
007DCDA OSY	3"	76	34¼	870	18½	470	16⅝	422	12⅝	313	196	89