

WILKINS 375ASTDA

SIZE

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

DESCRIPTION

This is a reduced pressure detector assembly. Production began in 2011. The mainline assembly is similar to the 375AST assembly. The bypass assembly utilizes an assembly similar to the 975XLD.

REPAIR KIT

Mainline repair kit contains discs, diaphragm, and O'rings

<u>SIZE</u>	<u>KIT NO</u>
2 1/2"-4"	375400 *
6"	375600 *
8"-10"	375800 *

Bypass repair kit contains discs, diaphragm, and O'rings

<u>SIZE</u>	<u>KIT NO</u>
3/4" 975XLD	RK34-975XLR

IMPORTANT FEATURES

~Mainline assembly similar to 375ST or 375AST

~Bypass assembly similar to 975XLD

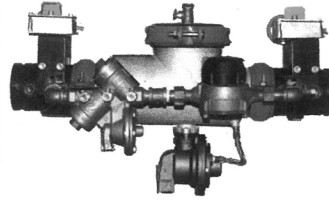


FEATURES

Sizes: □ 2 1/2" □ 3" □ 4" □ 6" □ 8" □ 10"
 Maximum working water pressure 175 PSI
 Maximum working water temperature 140°F
 Hydrostatic test pressure 350 PSI
 End connections (Grooved for steel pipe) AWWA C606
 (Flanged) ANSI B16.1
 Class 125

MATERIALS

Main valve body 304L Stainless steel
 Access covers 304L Stainless steel
 Internals Stainless steel, 300 Series
 NORYL™, NSF Listed
 Fasteners & Springs Stainless Steel, 300 Series
 Elastomers EPDM (FDA approved)
 Buna Nitrile (FDA approved)
 Polymers NORYL™, NSF Listed
 Sensing line Stainless steel, braided hose

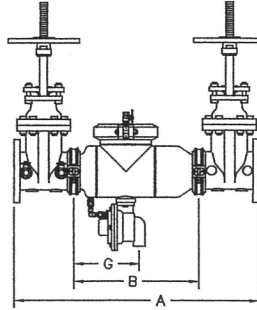


2 1/2" – 10"

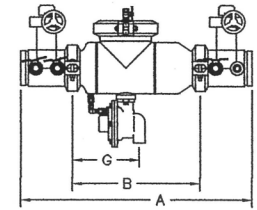
DIMENSIONS & WEIGHTS (do not include pkg.)

MODEL 375ASTDA SIZE	WEIGHT							
	WITH OS&Y GATES (GXF)		WITH OS&Y GATES (GXG)		WITH BUTTERFLY VALVES			
	in.	mm	lbs.	kg	lbs.	kg		lbs.
2 1/2	65	137	62	127	58	81	37	
3	80	155	71	143	65	85	39	
4	100	229	104	209	95	96	44	
6	150	364	166	334	152	154	70	
8	200	681	309	627	284	328	149	
10	250	900	408	842	382	434	197	

MODEL 375ASTDA with standard OS&Y



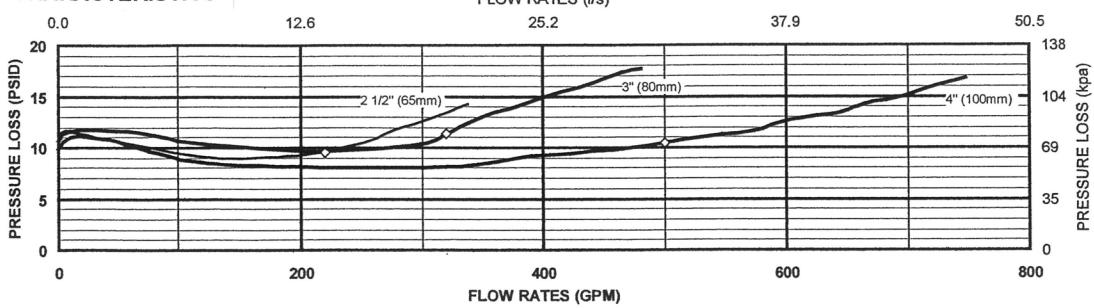
MODEL 375ASTDA with BGVIC option



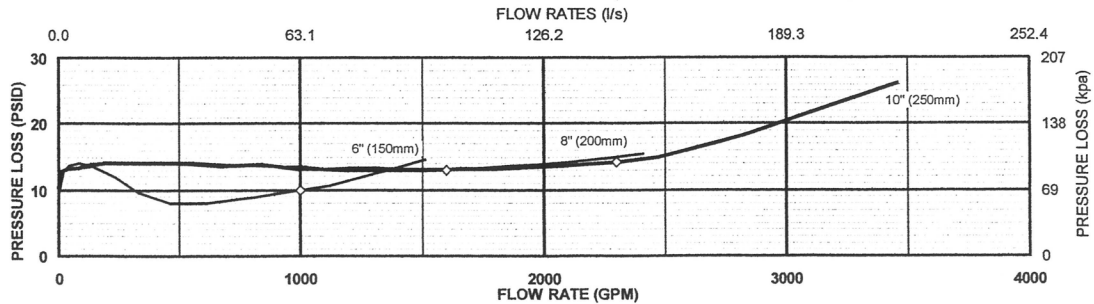
Relief Valve discharge port:
 2 1/2"-6" - 2.75 sq. in.
 8"-10" - 3.69 sq. in.

MODEL 375ASTDA SIZE	DIMENSION (approximate)																				
	A		A WITH BUTTERFLY VALVES		B LESS GATE VALVES		C		D		E OS&Y OPEN		E OS&Y CLOSED		E WITH BUTTERFLY VALVES		F		G		
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	
2 1/2	65	31 7/8	810	28 3/4	730	16 5/8	422	12	305	7 1/4	184	17 3/4	451	15 3/8	391	8	203	9 3/4	248	8 5/8	219
3	80	32 7/8	835	29 3/8	746	16 5/8	422	12	305	7 1/4	184	20 1/4	514	17	432	8	203	9 3/4	248	8 5/8	219
4	100	34 7/8	886	30 1/4	768	16 5/8	422	12	305	8	203	22 1/2	572	18 1/4	464	9 1/8	232	9 3/4	248	8 5/8	219
6	150	43 1/2	1105	36 1/2	927	22 1/4	565	10 1/2	267	10	254	30 1/2	775	24 1/4	616	10 1/8	257	10 3/4	273	11 1/4	286
8	200	52 3/4	1340	45 3/4	1162	29 1/2	749	15 1/8	384	11	279	37	940	28 1/2	724	18 1/2	470	15 5/8	397	13 1/4	337
10	250	55 3/4	1416	49 3/4	1264	29 1/2	749	15 1/8	384	12	305	45 5/8	1159	34 3/4	883	18 1/2	470	15 5/8	397	13 1/4	337

FLOW CHARACTERISTICS MODEL 375ASTDA 2 1/2", 3" & 4" (STANDARD & METRIC)



MODEL 375ASTDA 6", 8" & 10" (STANDARD AND METRIC)



◇ Rated Flow (Established by approval agencies)