

350AST DOUBLE CHECK VALVE ASSEMBLY



APPLICATION

Designed for installation on potable water lines to protect against both backsiphonage and backpressure of polluted water into the potable water supply. Model 350AST provides medium level protection where a potential health hazard exists. Ideal for use where Lead-Free* valves are required.

STANDARD COMPLIANCE (Horizontal and Vertical)

- ASSE® Listed 1015
- UL® Classified
- C-UL® Classified
- FM® Approved
- CSA® Certified
- IAPMO® Listed
- Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California
- NSF® Listed-Standard 61, Annex G*
- Certified to NSF/ANSI 372* by IAPMO R&T
- Watermark

*(0.25% max. weighted average lead content)

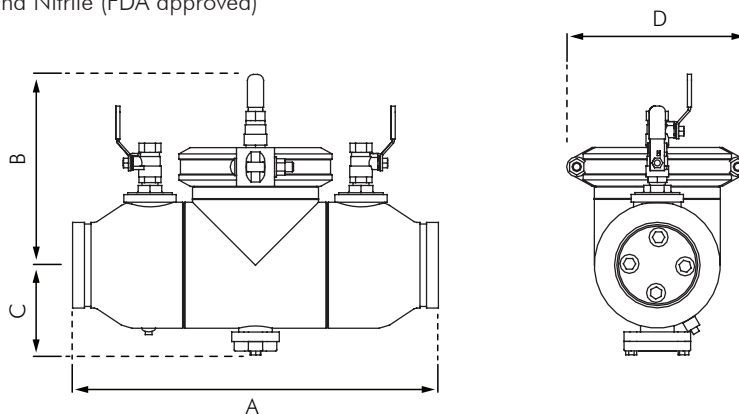
MATERIALS

Main valve body	304L Stainless steel
Access covers	304L Stainless steel
Internals	Stainless steel, 300 Series NORYL™, NSF Listed
Fasteners and springs	Stainless Steel, 300 Series
Seal ring	EPDM (FDA approved)
O-ring	Buna Nitrile (FDA approved)



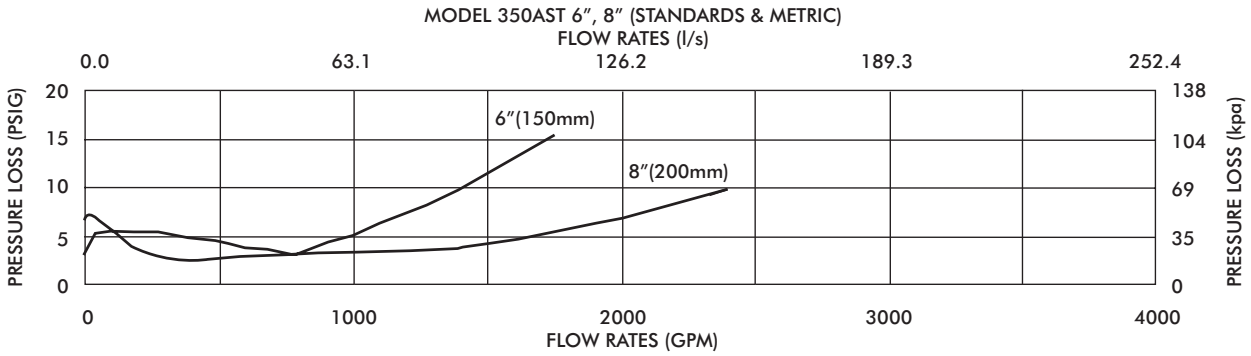
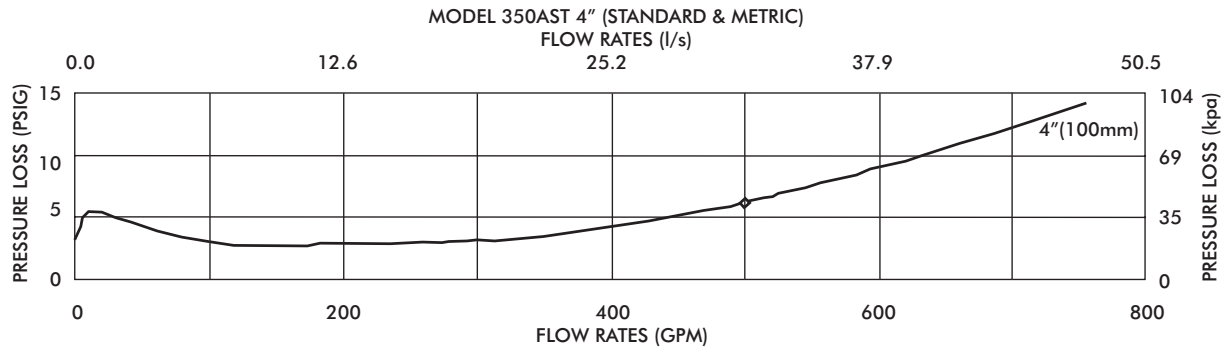
FEATURES

Sizes	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 clamp system)	AWWA C606



Dimension (approximate)

Size of Valve	A		B		C		D		Weight (without Gates)		Order Code
	in.	mm	in.	mm	in.	mm	in.	mm	lbs	Kg	
100mm (4")	19.24	488.7	10.10	256.5	5.00	127.0	9.50	241.3	37	17	W100 350AST
150mm (6")	23.35	593.1	13.75	349.3	6.00	152.4	12.63	320.8	66	30	W150 350AST
200mm (8")	32.20	817.9	18.50	469.9	8.38	212.9	18.00	457.2	178	81	W200 350AST
250mm (10")	31.76	806.7	18.50	469.9	8.38	212.9	18.00	457.2	178	81	W250 350AST

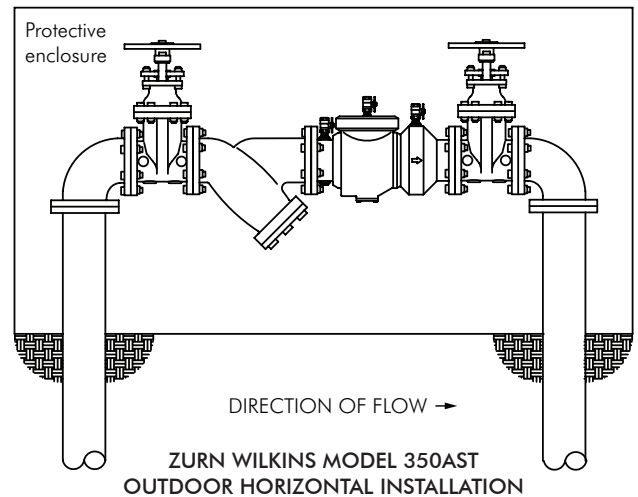
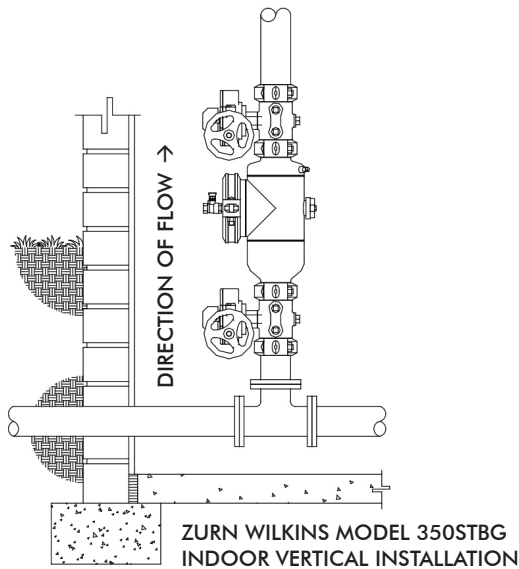


TYPICAL INSTALLATION

Local codes shall govern installation requirements. Unless otherwise specified, the assembly shall be mounted at a minimum of 12" (305mm) and a maximum of 30" (762mm) above adequate drains with sufficient side clearance for testing and maintenance.

Capacity thru Schedule 40 Pipe (GPM)

Pipe size	5 ft/sec	7.5 ft/sec	10 ft/sec	15 ft/sec
100mm (4")	198	298	397	595
150mm (6")	450	675	900	1351
200mm (8")	780	1169	1559	2339



SPECIFICATIONS

The Double Check Backflow Prevention Assembly shall be certified to NSF/ANSI 372, ASSE® Listed 1015, and installed with full port gate valves. The main body and access cover shall be 304L Stainless Steel, the seat ring and check valve shall be NORYL™, the stem shall be stainless steel (ASTM A 276) and the seat disc elastomers shall be EPDM. The checks shall be accessible for maintenance without removing the device from the line. The Double Check Backflow Prevention Assembly shall be a ZURN WILKINS Model 350AST.



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