

350A

DOUBLE CHECK VALVE ASSEMBLY

WILKINS

APPLICATION

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

STANDARDS COMPLIANCE

(Horizontal and Vertical)

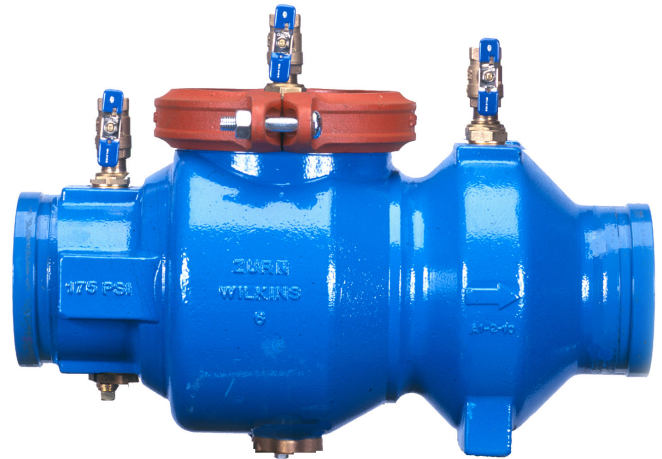
- ASSE® Listed 1015
- AWWA Compliant C510 (with gates only)
- CSA® Certified B64.5
- IAPMO® Listed
- UL® Classified
- C-UL® Classified
- FM® Approved (2 1/2" - 10")
- NYC MEA 220-04-M Vol 2 (65-200mm)
- Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California

MATERIALS

Main valve body	Ductile Iron ASTM A 536
Access covers	Ductile Iron ASTM A 536
Coatings	NSF Approved fusion epoxy finish
Internals	Stainless steel, 300 Series NORYL™
Fasteners	Stainless Steel, 300 Series
Seal ring	EPDM (FDA approved)
O-ring	Buna Nitrile (FDA approved)
Springs	Stainless Steel, 300 Series

Dimension & weights (approximate)

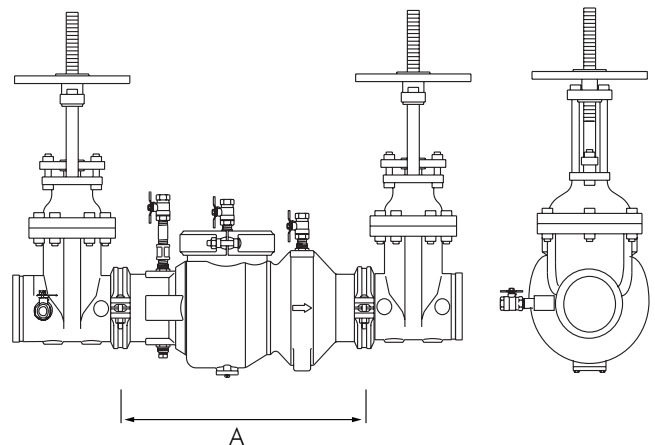
Model Size mm	A (less gates)	Weight (less gates)	Weight (with OS & Y gates)
65	511	41	83.5
80	511	41	91
100	505	34.5	93
150	657	57	151
200	978	130	335
250	978	154	409



FEATURES

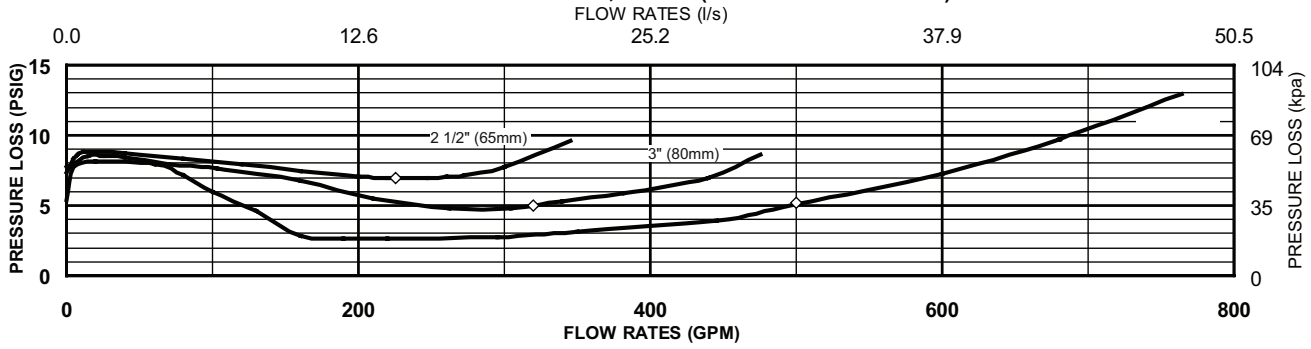
- Sizes:** 65, 80, 100, 150, 200, 250 (mm)
- Maximum working water pressure:** 1203kPa
- Maximum working water temperature:** 60°C
- Hydrostatic test pressure:** 2413kPa
- End connections:** (Grooved for steel pipe) AWWA C606

TYPICAL INSTALLATION

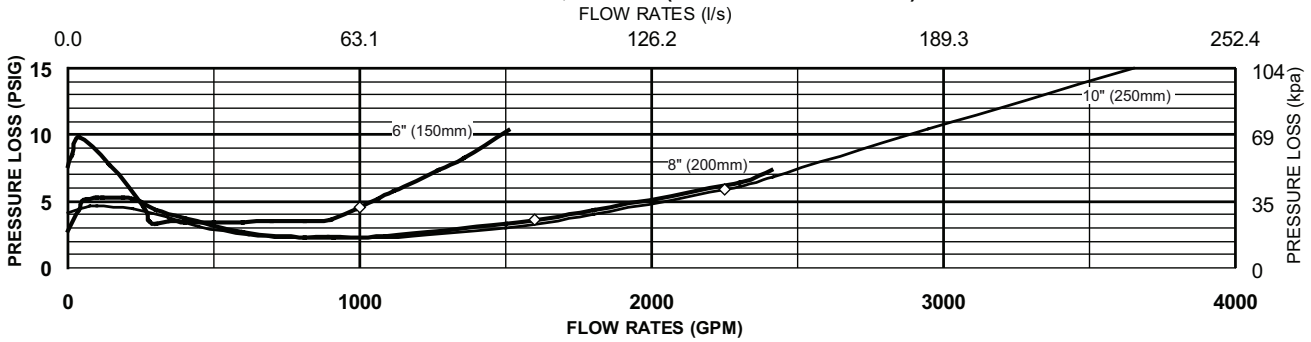


FLOW CHARACTERISTICS

MODEL 350A 2 1/2", 3" & 4" (STANDARD & METRIC)



MODEL 350A 6", 8" & 10" (STANDARD & METRIC)



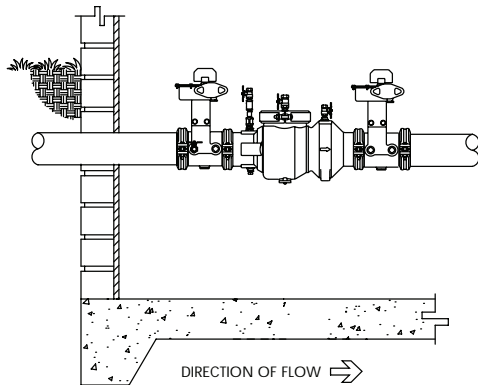
◇ Rated Flow (established by approval agencies)

TYPICAL INSTALLATION

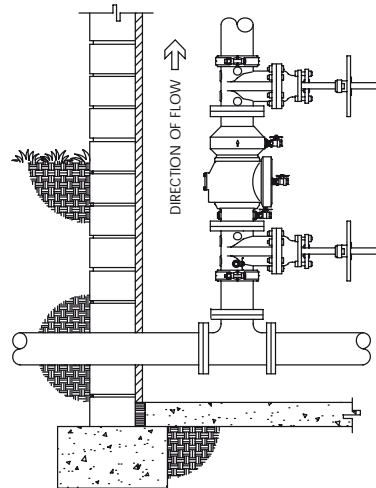
Local codes shall govern installation requirements. The installation shall be made so that no part of the unit can be submerged.

Capacity thru Schedule 40 Pipe (GPM)

Pipe size	5 ft/sec	7.5 ft/sec	10 ft/sec	15 ft/sec
2 1/2"	75	112	149	224
3"	115	173	230	346
4"	198	298	397	595
6"	450	675	900	1351
8"	780	1169	1559	2339
10"	1229	1843	2458	3689
12"	1763	2644	3525	5288



TYPICAL INSTALLATION



INDOOR INSTALLATION
(VERT.) MODEL 350A