

Application

Designed for installation on potable water lines to protect against both backsiphonage and backpressure of polluted water into the potable water supply. The Model 350 shall provides protection where a potential health hazard exists. (Medium Hazard)



Standards Compliance

- Australian Watermark and Standards Mark

(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

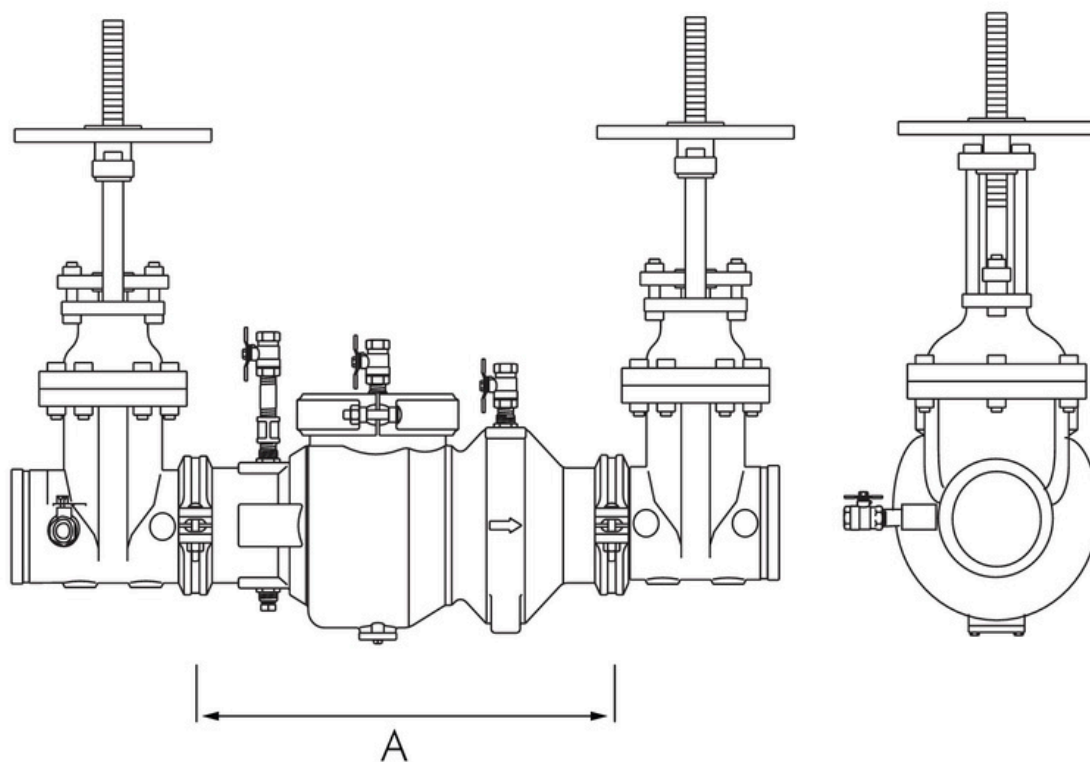
Main Valve Body: Ductile Iron ASTM A 536
Access Cover: Ductile Iron ASTM A 536
Coatings: NSF Approved fusion epoxy finish
Internals: Stainless Steel, 300 Series
Fasteners: Stainless Steel, 300 Series
Seal Ring: EPDM (FDA Approved)
O-Ring: Buna Nitrile (FDA Approved)
Springs: Stainless Steel, 300 Series

Sizes & Operating Parameters

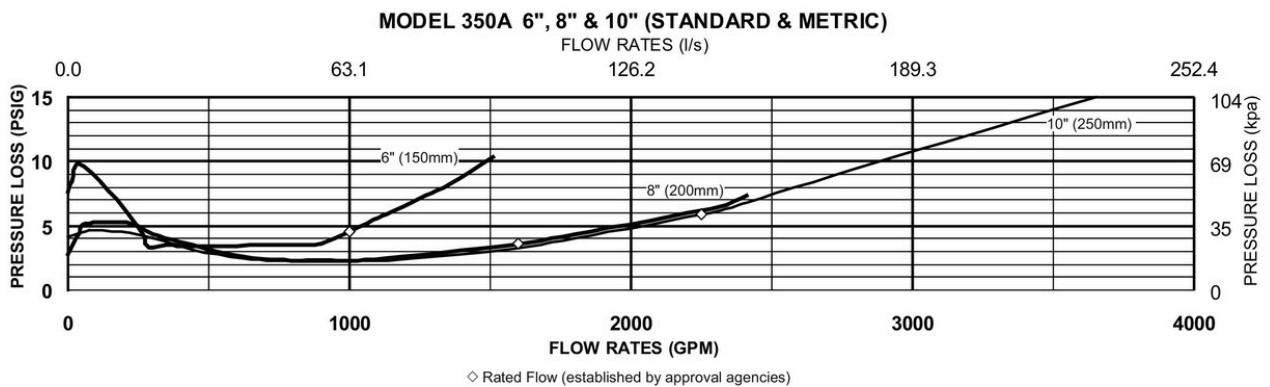
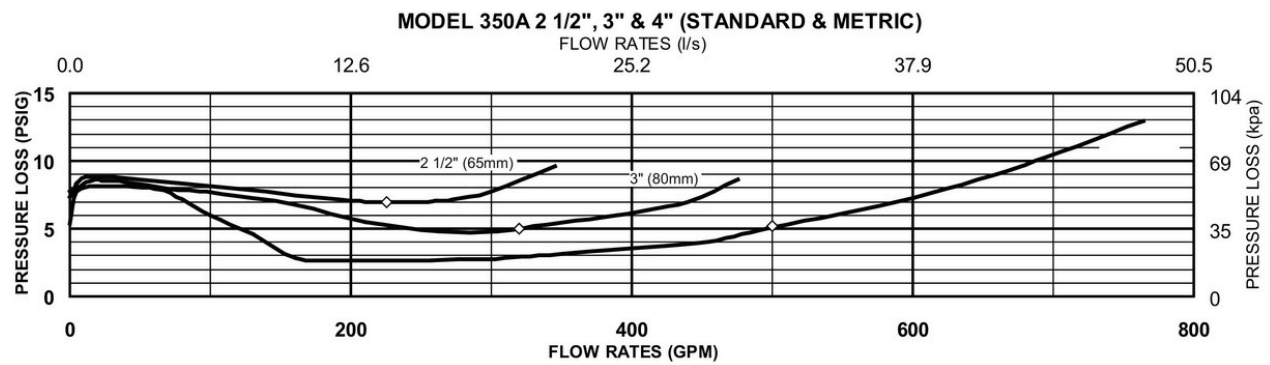
Sizes: 65, 80, 100, 150, 200, 250 (mm)
Maximum Working Water Pressure: 1203kPa
Maximum Working Water Temperature: 60°C
Hydrostatic Test Pressure: 2413kPa
End Connections: (Grooved for steel pipe)
AWWAC606

Dimension & Weights (Approximate)

Model Size mm	A (Less Gates) mm	Weight (Less Gates) Kg	Weight (With Y Gates) Kg
65	511	41	Please refer to the Gates Data Sheet
80	511	41	
100	505	34.5	
150	657	57	
200	978	130	
250	978	154	

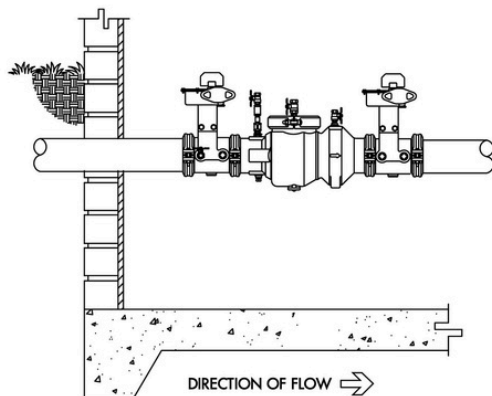


Flow Characteristics

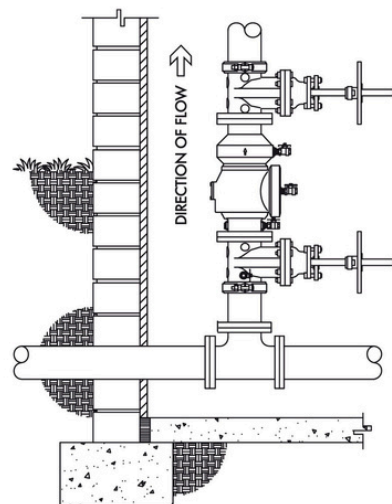


Typical Installation

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



TYPICAL INSTALLATION



INDOOR INSTALLATION
(VERT.) MODEL 350A