

SPECIFICATION SUBMITTAL SHEET



APPLICATION

Designed for installation on potable water lines to protect against both backsiphonage and backpressure of contaminated water into the potable water supply. The Model 375 provides protection where a potential health hazard exists (High Hazard).

STANDARDS COMPLIANCE :

- UL® Classified
- FM® Approved
- SAI Global Watermark



WATERMARK
AS/NZS 2845.1
LIC. 1379



TYPE TESTED
AS/NZS 4020
LIC. 20111

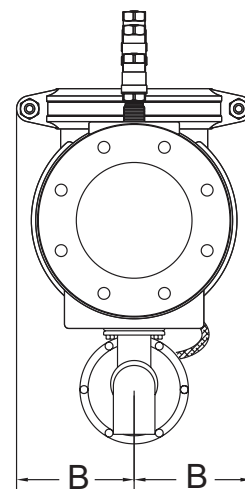
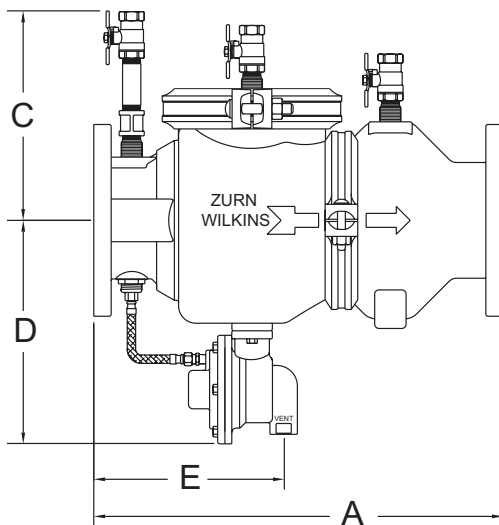
FEATURES

DN: □ 65 □ 80 □ 100 □ 150 □ 200 □ 250
 Maximum working water pressure 1200 kPa
 Maximum working water temperature 60°C
 Hydrostatic test pressure 2400kPa
 End connections

(Flanged) AS 4087-2004 Fig B5 PN16
 Grooved available

MATERIALS

Main valve body	Ductile Iron ASTM A 536 Grade 4
Access covers	Ductile Iron ASTM A 536 Grade 4
Coatings	FDA Approved fusion epoxy finish
Internals	Stainless steel, 300 Series NORYL™, NSF Listed
Fasteners	Stainless Steel, 300 Series
Seal ring	EPDM (FDA approved)
O-ring	Buna Nitrile (FDA approved)
Springs	Stainless Steel, 300 Series
Sensing line	Stainless Steel, braided hose

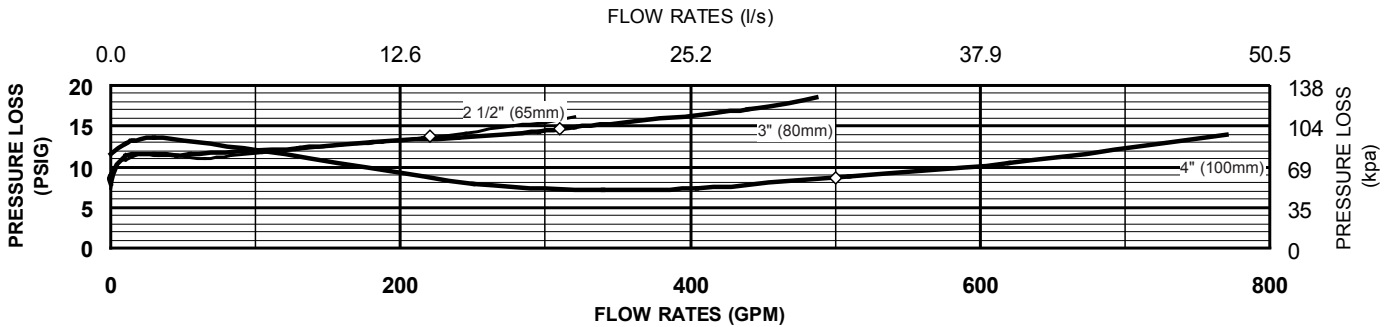


Dimensions in millimeters (approximate)

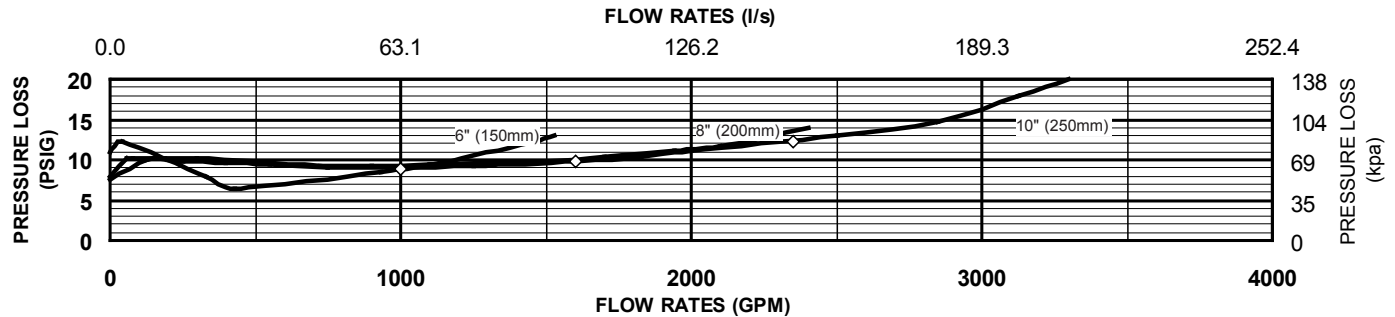
VALVE SIZE	A	B	C	D	E	FLANGE TYPE	# OF BOLT HOLES
65	403	111	203	241	213	AS4087 PN16	4
80	403	111	203	241	213	AS4087 PN16	4
100	535	124	241	279	273	AS4087 PN16	4
150	675	165	305	314	349	AS4087 PN16	8
200	959	254	356	391	426	AS4087 PN16	8
250	959	254	356	391	426	AS4087 PN16	8

FLOW CHARACTERISTICS

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



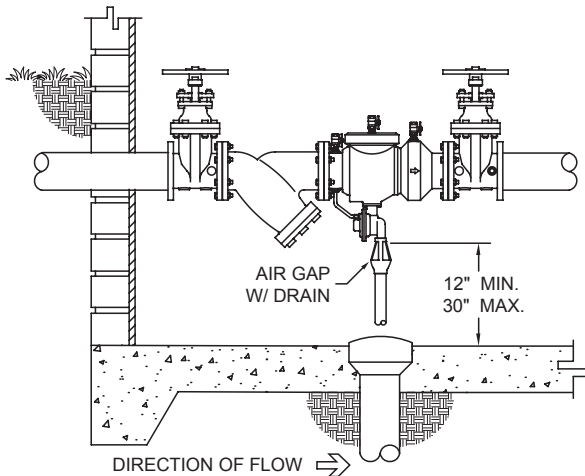
MODEL 375 6", 8" & 10" (STANDARD & METRIC)



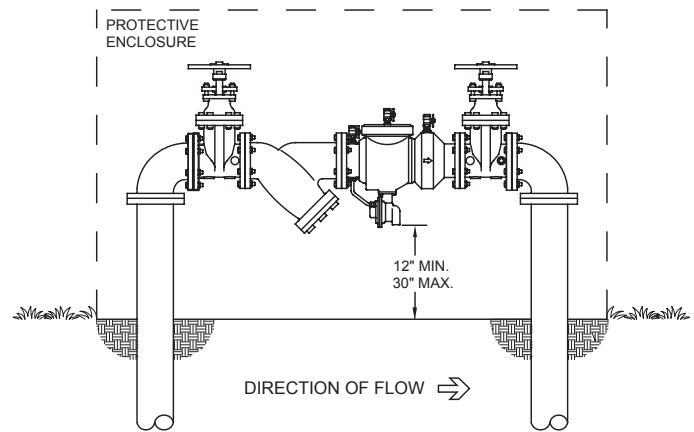
◇ Rated Flow (Established by approval agencies)

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. The installation shall be made so that no part of the unit can be submerged.



INDOOR INSTALLATION (375GF)



OUTDOOR INSTALLATION

SPECIFICATIONS

The Reduced Pressure Principle Backflow Prevention Assembly shall be Australian Watermark Approved (AS/NZS 2845.1). The main body and access cover shall be epoxy coated ductile iron (ASTM A 536 Grade 4), 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 and the relief valve shall be accessible for maintenance without removing the device from the line. The Reduced Pressure Principle Backflow Prevention Assembly shall be a WILKINS Model 375.