



# Backflow Prevention

## 375 Series RPZ

### 65-250mm



LEAD FREE

### Application

Designed for installation on potable water lines to protect against both backsiphonage and backpressure of contaminated water into the potable water supply. Reduced Pressure Zone Device Assembly shall provide protection where a potential health hazard exists. (High Hazard).

### Standards Compliance

Australian Watermark and Standards Mark  
UL Classified  
FM Approved

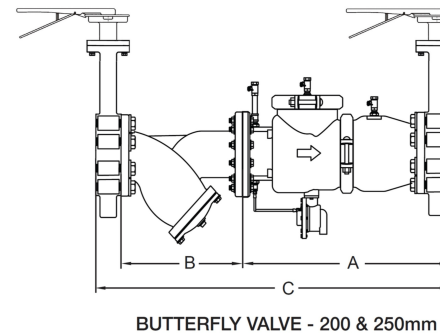
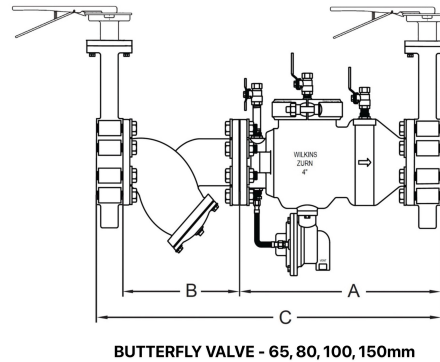
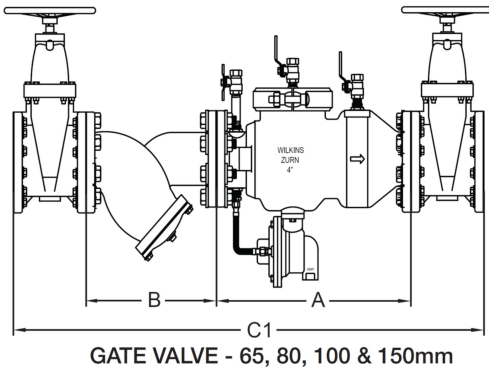


### Materials

Main Valve Body	Ductile Iron ASTM A536 Grade 4
Access Covers	Ductile Iron ASTM A536 Grade 4
Coatings	Fusion Epoxy
Fasteners	Stainless Steel 300 Series
Internals	Stainless Steel 300 Series, Noryl™
Seal Ring	EPDM
O-ring	Buna Nitrile
Springs	Stainless Steel 300 Series
Sensing Line	Stainless Steel, Braided Hose

### Operating Parameters

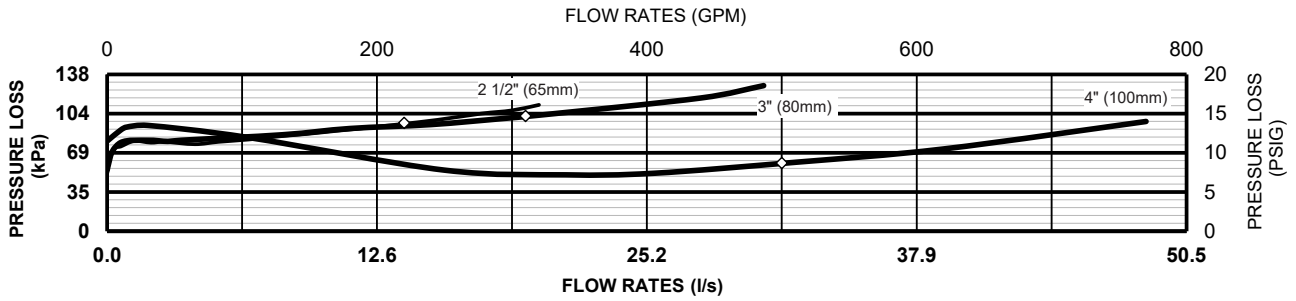
Max. Working Water Pressure	1200kPa
Max. Working Temperature	60°C
Hydrostatic Test Pressure	2400kPa
End Connections	Flanges to AS2129



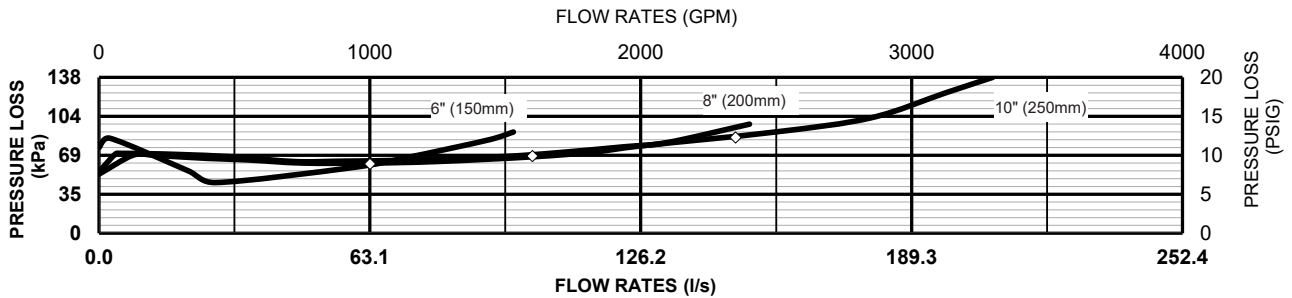
**Dimensions & Weights (do not include pkg.)**

VALVE SIZE mm	DIMENSIONS (approximate)				FLANGE TYPE	# OF BOLT HOLES	DEVICE WEIGHT kg	BOLTS		WASHERS		NUTS	
	A mm	B mm	C mm	C1 mm				QTY	SIZE mm	QTY	SIZE mm	QTY	SIZE mm
65	403	273	768	1056	TABLE D	4	27	4	M16x65	24	M16	4	M16
								16	M16x35				
80	403	295	790	1104	TABLE D	4	27	4	M16x65	24	M16	4	M16
								16	M16x35				
100	535	380	1019	1373	TABLE D	4	44	4	M16x70	24	M16	4	M16
								16	M16x40				
100	535	352	991	1345	TABLE E	8	44	8	M16x70	48	M16	8	M16
								32	M16x40				
150	675	470	1257	1679	TABLE E	8	79	8	M20x70	48	M20	8	M20
								32	M20x40				
200	959	543	1622		TABLE E	8	171	8	M20x80	48	M20	8	M20
								32	M20x55				
250	959	660	1755		TABLE E	12	185	12	M20x90	72	M20	12	M20
								48	M20x60				

**MODEL 375 RPZ 65mm, 80mm & 100mm (STANDARD & METRIC)**



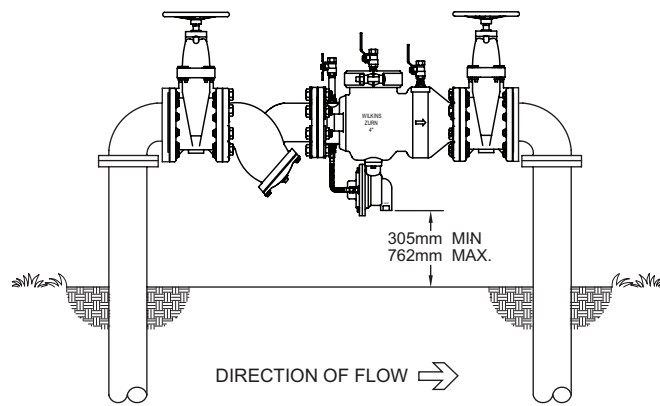
**MODEL 375 RPZ 150mm, 200mm, 250mm (STANDARD & METRIC)**



Note: the pressure losses depicted in the tables are for the device only and not the complete assembly.

**Typical Installation**

Local codes shall govern installation requirements. To be installed in accordance with the manufacturers' instructions and the latest edition of the Plumbing Code of Australia and/or AS/NZS 3500. 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.



TYPICAL INSTALLATION