

INSTALLATION REQUIREMENTS

Backflow prevention devices are to be installed in accordance with AS/NZS 3500.1, the manufacturer's specifications and local authority requirements.

Heat must not be applied to any device.

Line strainers are to be installed immediately upstream of a device (**nb** except in fire services).

Resilient seated isolating valves are to be installed at each end of a device.

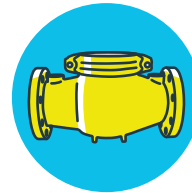
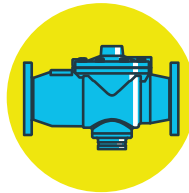
STANDARDS APPROVED

RWC is the Australian distributor for the RMC Flomatic Backflow range of valves.

RMC Flomatic Valves are the premier choice for backflow in the Australian plumbing marketplace. With a complete range of Flomatic Valves from RPZD backflow preventers, dual check valves, hose connection vacuum breakers to double check valves, RMC Flomatic Valves are the leader in backflow prevention.

RMC
FLOMATIC VALVES

BACKFLOW PREVENTION



Contents of this brochure are subject to change, please visit our website for most up-to-date product information.



All pipe work is to be flushed prior to installation.

By-passes without protection must not be installed around a device.

Where supply cannot be interrupted, a parallel installation is required.

Vent ports must be positioned to allow vision of discharge.

RMC
FLOMATIC VALVES

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WHAT IS BACKFLOW?

Backflow is the term used to describe the reverse flow of potential contamination entering potable water supply.



BACKFLOW PREVENTION

While there are several ways to prevent both back siphonage and back-pressure causing backflow, the most efficient, economical and safest is the correct application of an appropriate mechanical backflow prevention device.

RMC Flomatic Valves offer a complete range of backflow prevention devices. The company also has the local presence and necessary expertise to advise on the correct selection, application, installation and service from within this range to meet the requirements of specific circumstances.

HAZARD RATINGS

LOW HAZARD

Any condition, device or practice which, in connection with the water supply system, would constitute a nuisance but not endanger health or cause injury.

MEDIUM HAZARD

Any condition, device or practice which, in connection with the water supply system, has the potential to endanger health.

HIGH HAZARD

Any condition, device or practice which, in connection with the water supply system, has the potential to cause a serious health hazard or death.

LEVELS OF PROTECTION

INDIVIDUAL PROTECTION

Backflow prevention provided at individual fixtures.

ZONE PROTECTION

Backflow prevention provided at the connection to specific sections of the water supply system within a building.

CONTAINMENT PROTECTION

Backflow prevention provided at the property boundary to protect the Authority's water supply from contamination.

INSTALLATION LOCATION

Devices must not be located in a corrosive or polluted environment.

Devices must be readily accessible for maintenance and testing. Devices must not be located in ceilings or in areas without permanent standing space.

Devices must not be buried underground.

Vented or testable devices must not be located in pits unless permitted by the regulatory authority.

Where water hammer is occurring, surge protection (pressure reducing valve) or water hammer arrestors must be installed.

Devices must not be subject to flooding.

Devices must not be subject to extreme heat.



REDUCED PRESSURE ZONE DEVICES



RPZD Backflow Preventers 15mm – 50mm

Device Only	Complete	Complete with Lockable Ball Valves	
SR001	SR001C	SR001C-L	15mm
SR002	SR002C	SR002C-L	20mm
SR003	SR003C	SR003C-L	25mm
SR004	SR004C	SR004C-L	32mm
SR005	SR005C	SR005C-L	40mm
SR006	SR006C	SR006C-L	50mm



RPZD Backflow Preventers 65mm – 200mm

Device Only	Complete	
SR007	SR007C	65mm
SR008	SR008C	80mm
SR009	SR009C	100mm
SR010	SR010C	150mm
SR011	SR011C	200mm

REPAIR KITS



RPZD Repair Kits

Relief	1st Check	2nd Check	Rubber Kit	
89880P9	89878P9	89879P9	B93RK99	15–20mm
89850P0	89848P0	89849P0	B92RK00	25mm
89850P2	89848P2	89849P2	B92RK02	32mm
89850P3	89848P3	89849P3	B92RK03	40–50mm
89850P5	89848P5	89849P5	B92RK05	65–80mm
89850P7	89848P7	89849P7	B92RK07	100mm
89850P9	89848P9	89849P9	B92RK09	150mm
89850P10	89848P10	89849P10	B92RK10	200mm
89880P3-11	89878P3-11	89879P3-11	B93RK03-11	40mm (new compact)

DOUBLE CHECK VALVES



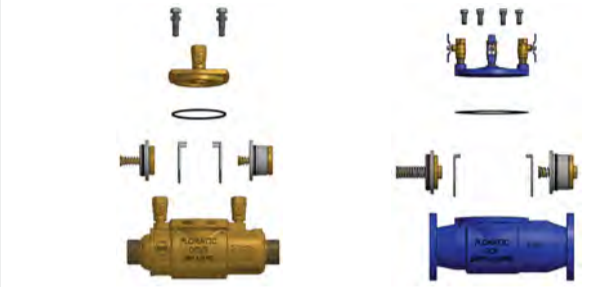
Double Check Valves 20mm – 50mm

Device Only	Complete	Complete with Lockable Ball Valves	
SD002	SD002C	SD002C-L	20mm
SD003	SD003C	SD003C-L	25mm
SD004	SD004C	SD004C-L	32mm
SD005	SD005C	SD005C-L	40mm
SD006	SD006C	SD006C-L	50mm



Double Check Valves 65mm – 200mm

Device Only	Complete	
SD007	SD007C	65mm
SD008	SD008C	80mm
SD009	SD009C	100mm
SD010	SD010C	150mm
SD011	SD011C	200mm



DCV Repair Kits

1st Check	2nd Check	Rubber Kit	
89855P0	89849P0	B91RK00	20–25mm
89855P3	89849P3	B91RK03	40–50mm
89855P5	89849P5	B91RK05	65–80mm
89855P7	89849P7	B91RK07	100mm
89855P9	89849P9	B91RK09	150mm
89855P10	89849P10	B91RK10	200mm

DUAL CHECK VALVES



Dual Check Valves 20mm – 25mm

7181	20mm F x F
7182	25mm F x F
7171	20mm M x F
7172	25mm M x F



No. 7 Dual Check Valves 15mm – 40mm

N7155	15mm HOT
N7B200	20mm
N7320	32mm
N7400	40mm



Mini Dual Check Valves 15mm – 20mm

7185	15mm M x M
7185.2	15mm M x M – Chrome
7186	15mm M x F
7186.2	15mm M x F – Chrome
7179	20mm M x F to suit 1/2" hose taps
7179.2	20mm M x F to suit 1/2" hose taps – Chrome

HOSE CONNECTION VACUUM BREAKER



Hose Connection Vacuum Breakers 20 – 25mm

7105	20mm
7105.2	20mm – Chrome
7107	25mm
7107.2	25mm – Chrome

SINGLE & SINGLE DETECTOR CHECK VALVES



Single & Single Detector Check Valves 100mm – 150mm

SCV100	100mm Flanged
SCV150	150mm Flanged
SCV200	200mm Flanged
SCV100G	100mm Grooved
SCV150G	150mm Grooved
SDCKIT20	20mm Metered Bypass Kit
SDCKIT25	25mm Metered Bypass Kit
SDCKIT25-Spacer	25mm Bypass Kit w/o Water Meter

DOUBLE DETECTOR CHECK VALVES



Double Detector Check Valves 80 – 200mm

Size	Device w/ 20mm Bypass Spacer	Device w/ 20mm Bypass Water Meter	Device w/ 20mm Bypass Water Meter Gear Operated Butterfly Valves
80mm	DCDA80	DCDA80-WM	DCDA80FS-WM
100mm	DCDA100	DCDA100-WM	DCDA100FS-WM
150mm	DCDA150	DCDA150-WM	DCDA150FS-WM
200mm	DCDA200	DCDA200-WM	DCDA200FS-WM

KITS



Backflow Device Test Kits

7190	Backflow Device Test Kits
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Quick Connect Kits

7190QC	Quick Connect Kits
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Quick Connect Swivel Coupling Kits

7190SK	Quick Connect Swivel Coupling Kits
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Quick Connect Bush Adaptor Kits

7190AK	Quick Connect Bush Adaptor Kits
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