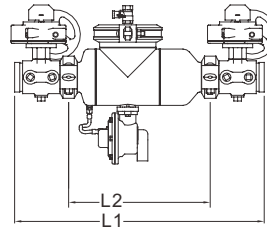


Reduced pressure zone assembly (Backflow preventer RP type)

Reduced pressure zone assembly (Backflow preventer RP type) is an assembly of two check modules equipped with an relief valve. With fail-safe design, it is used in high hazard condition to fully prevent backflow and protect the potable water.



- Certificate: UL Listed / FM Approved
- Standard: AWWA C511, UL 1469,
Lead free as NSF/ANSI/CAN 61
- Connection: Grooved, flanged ANSI B16.1 Class 125, etc.
- Feature: Double check, horizontal installation
- Temperature: 1°C to 60°C
- W. pressure: 175 psi
- Surface: FBE coating as AWWA C550



Main parts and feature

Housing	100% SS304, or ductile iron	Dual-actio check modules	Poppet action, or swing action
Shutoff valves	Integral grooved butterfly valve, flanged OSY gate valve, or non	Relief valve assembly	SS304

Available size (Source 1 with UL/FM)

Size		L1	Configuration	Connection	Working pressure (psi)	Ref. No.
Inch	DN	mm				
2-1/2"	65	475	DC + IGB	GxG	175	V7201 (UL/FM)
3"	80	475	DC + IGB	GxG	175	V7202 (UL/FM)
4"	100	475	DC + IGB	GxG	175	V7203 (UL/FM)
6"	150	727	DC + IGB	GxG	175	V7204 (UL/FM)
8"	200	787	DC + IGB	GxG	175	V7205 (UL/FM)
2-1/2"	65	810	DC + OSY	FxF	175	V7206 (UL/FM)
3"	80	810	DC + OSY	FxF	175	V7207 (UL/FM)
4"	100	861	DC + OSY	FxF	175	V7208 (UL/FM)
6"	150	1014	DC + OSY	FxF	175	V7209 (UL/FM)
8"	200	1143	DC + OSY	FxF	175	V7210 (UL/FM)
10"	250	1416	DC + OSY	FxF	175	V7211 (UL/FM)

- Note:**
1. DC + IGB means double check modules and two integral grooved butterfly valves. And it is also available with flanged connection through an extra flange adapter, to match ANSI B16.1 Class 125.
 2. DC + OSY means double check modules and two OSY gate valves with flanged connection as ANSI B16.1 Class 125.

Reduced pressure zone assembly (Backflow preventer RP type)

Available size (Source 2 with UL)

Size		L2	Configuration	Connection	Working pressure (psi)	Ref. No.
Inch	DN	mm				
3"	80	508	DC + OSY	FxF, GxG, FxG	175	V7221 (UL)
4"	100	508	DC + OSY	FxF, GxG, FxG	175	V7222 (UL)
6"	150	616	DC + OSY	FxF, GxG, FxG	175	V7223 (UL)
8"	200	895	DC + OSY	FxF, GxG, FxG	175	V7224 (UL)

Note:

1. DC + OSY means double check modules and two OSY gate valves with multiple ends types by FxF, GxG, FxG.
2. The material of check module assembly is ductile iron, not SS304.