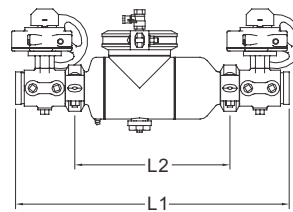


Double check valve assembly (Backflow preventer DC type)

Double check valve assembly (Backflow preventer DC type) is an assembly of two check modules. With fail-safe design, it is used in connections between public water supply and fire protection system to fully prevent backflow.



- Certificate: UL Listed / FM Approved
- Standard: AWWA C510, UL 1469,
Lead free as NSF/ANSI/CAN 61
- Connection: Grooved, flanged ANSI B16.1 Class 125, etc.
- Feature: Double check, horizontal or vertical 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	Options	With NRS gate valve / with Y strainer

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	V7101 (UL/FM)
3"	80	475	DC + IGB	GxG	175	V7102 (UL/FM)
4"	100	475	DC + IGB	GxG	175	V7103 (UL/FM)
6"	150	726	DC + IGB	GxG	175	V7104 (UL/FM)
8"	200	780	DC + IGB	GxG	175	V7105 (UL/FM)
2-1/2"	65	810	DC + OSY	FxF	175	V7106 (UL/FM)
3"	80	810	DC + OSY	FxF	175	V7107 (UL/FM)
4"	100	861	DC + OSY	FxF	175	V7108 (UL/FM)
6"	150	1013	DC + OSY	FxF	175	V7109 (UL/FM)
8"	200	1138	DC + OSY	FxF	175	V7110 (UL/FM)
10"	250	1416	DC + OSY	FxF	175	V7111 (UL/FM)

- Note:**
- 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.
 - DC + OSY means double check modules and two OSY gate valves with flanged connection as ANSI B16.1 Class 125.

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Double check valve assembly (Backflow preventer DC 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	V7121 (UL)
4"	100	508	DC + OSY	FxF, GxG, FxG	175	V7122 (UL)
6"	150	616	DC + OSY	FxF, GxG, FxG	175	V7123 (UL)
8"	200	895	DC + OSY	FxF, GxG, FxG	175	V7124 (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.