

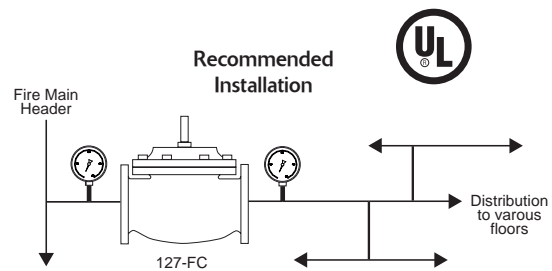
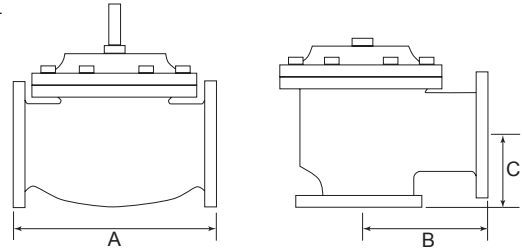


Pressure Control Valve

1273FC

Technical Features

- **Sizes available (Nominal) :**
Class 150 Globe or Angle style: DN80/3", DN100/4", DN150/6" and DN200/8".
Class 300 Globe or Angle style: DN80/3", DN100/4", DN150/6" and DN200/8".
- **Pressure data :**
Class 150 Valve: 12.1 bar (175 psi) maximum inlet pressure. Outlet pressure can be reduced to between 4.1 bar (60 psi) and 11.4 bar (165 psi).
Class 300 Valve: 20.7 bar (300 psi) maximum inlet pressure. Outlet pressure can be reduced to between 4.1 bar (60 psi) and 11.4 bar (165 psi).
- **Finish :** Epoxy coated inside and outside.
- **Connections :** Flanged according to ANSI B16.42 Class 150 and Class 300.
- **Specifications :** UL Listed at a maximum inlet pressure of 12.1 bar (175 psi) for valve sizes DN80/3", DN100/4", DN150/6".



Pressure Valves

Pressure Control Valve - 1273FC

Physical Data

Valve Style	Max. Pressure (bar/psi)	Nominal Size		Dimensions (mm / inch)			Flange	Reference	Max. Pump Flow (lpm/gpm)	Cv Range	Weight (kg / lb)
		Metric	inch	A	B	C					
Globe	12.1 / 175	DN80	3"	305 / 12.0	n/a	n/a	ANSI Class 150	1273FC3G150	1893 / 500	9.6 - 86	36.5 / 80
		DN100	4"	381 / 15.0	n/a	n/a	ANSI Class 150	1273FC4G150	3785 / 1000	20 - 180	68 / 150
		DN150	6"	451 / 17.8	n/a	n/a	ANSI Class 150	1273FC6G150	9464 / 2500	45 - 405	134 / 295
		DN200	8"	645 / 25.4	n/a	n/a	ANSI Class 150	1273FC8G150*	18927 / 5000	76 - 684	181 / 399
	20.7 / 300	DN80	3"	324 / 12.8	n/a	n/a	ANSI Class 300	1273FC3G300	1893 / 500	9.6 - 86	36.5 / 80
		DN100	4"	397 / 15.6	n/a	n/a	ANSI Class 300	1273FC4G300	3785 / 1000	20 - 180	68 / 150
DN150		6"	473 / 18.6	n/a	n/a	ANSI Class 300	1273FC6G300	9464 / 2500	45 - 405	134 / 295	
Angle	12.1 / 175	DN80	3"	n/a	152 / 6.0	102 / 4.0	ANSI Class 150	1273FC3A150	1893 / 500	14 - 126	36.5 / 80
		DN100	4"	n/a	191 / 7.5	140 / 5.5	ANSI Class 150	1273FC4A150	3785 / 1000	27 - 243	68 / 150
		DN150	6"	n/a	254 / 10.0	152 / 6.0	ANSI Class 150	1273FC6A150	9464 / 2500	65 - 585	134 / 295
		DN200	8"	n/a	322 / 13.7	203 / 8.0	ANSI Class 150	1273FC8A150*	18927 / 5000	100 - 900	181 / 399
	20.7 / 300	DN80	3"	n/a	162 / 6.4	111 / 4.4	ANSI Class 300	1273FC3A300	1893 / 500	14 - 126	36.5 / 80
		DN100	4"	n/a	198 / 5.5	148 / 5.8	ANSI Class 300	1273FC4A300	3785 / 1000	27 - 243	68 / 150
		DN150	6"	n/a	267 / 6.0	165 / 6.5	ANSI Class 300	1273FC6A300	9464 / 2500	65 - 585	134 / 295

* Not UL Listed

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Materials List

Item	Description	Material	Specification
1	Body	Ductile Iron	ASTM A536 65-45-12
2	Cover	Ductile Iron	ASTM A536 65-45-12
3	Seat Ring	Cast Bronze	ASTM B62
4	Stem	Stainless Steel	AISI 303, Derlin Sleeved
5	Spring	Stainless Steel	AISI 302
6	Spool	Ductile Iron	ASTM A536 65-45-12
7	Seat Disc Retainer	Ductile Iron	ASTM A536 65-45-12
8	Upper Stem Bushing	Bronze	ASTM B438
9	Pilot	Bronze	ASTM B62
10	Seat Disc	Buna-N	

Schematic

- 1 - Model 65 Basic Control Valve
- 2 - Model 1340FC Pilot
- 3 - Model 126 Ejector
- 4 - Model 159 Y-Strainer
- 5 - Model 155 Visual Indicator Assembly

