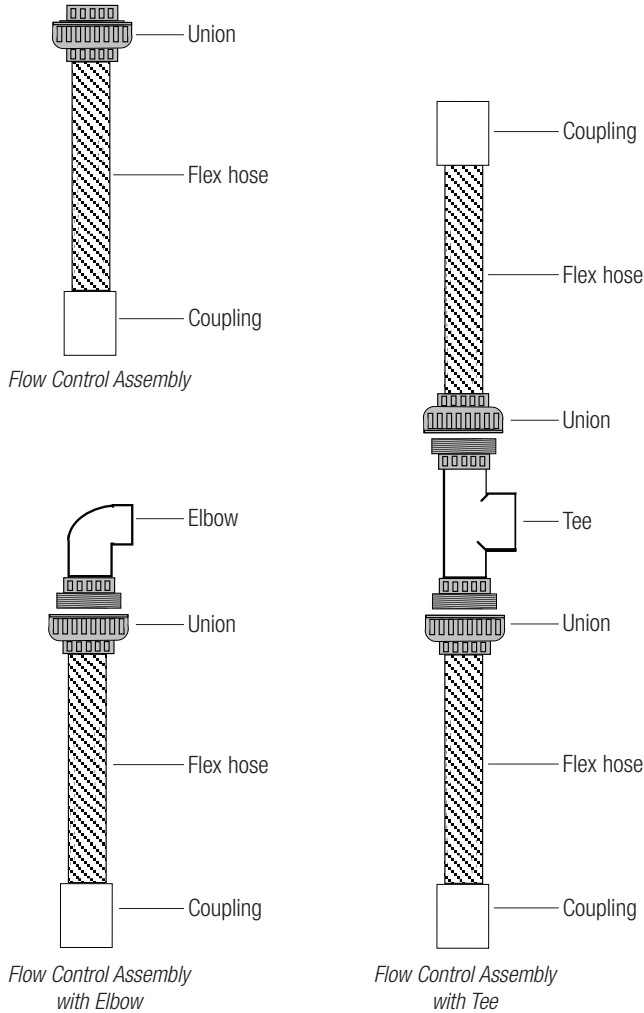


Flow Control Assemblies and Discs

Applications

Orenco Flow Control Assemblies and discs are used to achieve proper distribution among the laterals of a pressurized distribution system.



Hose Specifications

Working and bursting pressures at 73° F (23°C)

Flexible hoses 11-in. length (280 mm)	Size U.S. Nominal inch, (DN)	Working pressure psi (bar)	Bursting pressure psi (bar)
	1 (25)	100 (6.9)	355 (24.5)
	1¼ (32)	80 (5.5)	250 (17.2)
	1½ (40)	65 (4.5)	200 (13.8)
	2 (50)	60 (4.1)	175 (12.1)

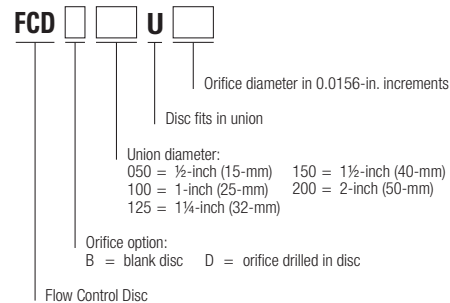
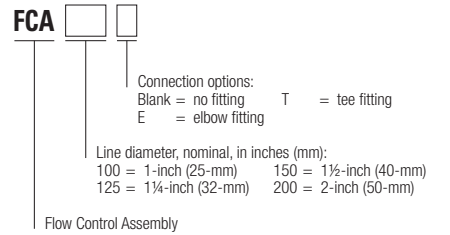
General

Orenco Flow Control Assemblies are fabricated with PVC components. Flow control discs (contained within the unions) are ordered separately and can be drilled to a suitable diameter for the system. Call your Distributor or Orenco for assistance with calculating orifice sizes.

Standard Models

FCA100, FCA100E, FCA100T, FCA125, FCA125E, FCA125T, FCA150, FCA150E, FCA150T, FCA200, FCA200E, FCA200T.

Product Code Diagrams



Materials of Construction

Flexible hose	PVC
Unions	PVC Sch. 80
All other fittings	PVC Sch. 40
Orifice disc	PVC

Specifications

Component	Sizes Available, Nominal Diameter, Inches				
Unions	½	1	1¼	1½	2
All other fittings	n/a	1	1¼	1½	2

Component Working Pressure Ratings

Unions	150 psi (10.3 bar) at 73° F (23° C)
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