

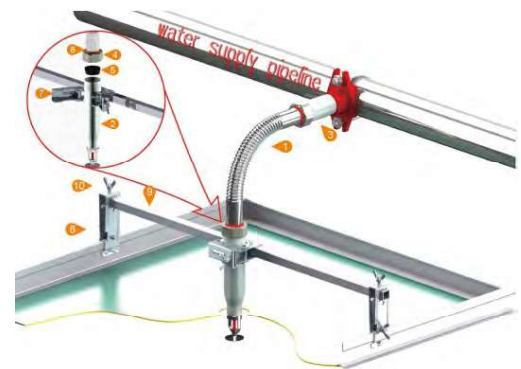
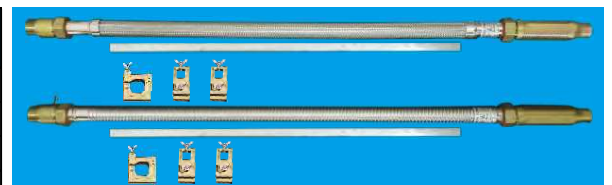
Fireriser® Flexible Sprinkler Connector

Anchoring components are intended for use with drop ceilings conforming to ASTM C635 and other major Standards when installed in accordance with the Standard Practice for installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-In Panels, ASTM C636 or other equivalent standards.



Main Components and Materials List

DET	QTY.	Name	Material
1	1	Corrugated Tube	AISI 304 Stainless Steel
2	1	Discharge Nipple (Elbow)	Galv. Steel ASTM 1020
3	1	Inlet Nipple	Galv. Steel ASTM 1020
4	2	Hexagon Slip Nut	Galv. Steel ASTM 1020
5	2	Gasket	EPDM
6	2	Isolation Ring	Nylon 66
7	1	Center Bracket	Galv. Steel ASTM A283 Gr.D
8	2	Side Bracket	Galv. Steel ASTM A283 Gr.D
9	1	Square Bar	Galv. Steel ASTM A283 Gr.B
10	1 Set	Bolts & Screws	Galv. Steel ASTM A283 Gr.D



Notes:

- For QF-600, UL & cUL Listed.
- For QF-1000, FM Approved, UL & cUL Listed.

Technical Data

- Rated Pressure: 200PSI/14BARS
- Maximum Ambient Temperature: 225(°F), 107(°C)
- Connection: DN25 XDN15 OR DN20(1"X½" OR ¾"), NPT OR BSPT
- Hose Diameter: O.D. 26.8mm/1 1/15" Flow: 22.5mm/7/8"
- Designed for use in Wet and Dry Systems

Assembling Length	IN-&outlet Head Size	Max. number of 90° bends	Min bending radius	Equivalent Length of DN25/1" Sch.40 Pipe at C=120 in
mm inch	DN in.	n×90°	mm inch	QF-600 With straight discharge Nipple*
700	25×15	1	100	5.5
28	1"×1/2"		4	18
1000	25×15	2	100	10
40	1"×1/2"		4	33
1200	25×15	2	100	13
48	1"×1/2"		4	43
1500	25×15	3	100	19.2
60	1"×1/2"		4	63
1800	25×15	4	100	23.8
72	1"×1/2"		4	78
700	25×20	1	100	7.3
28	1"×3/4"		4	24
1000	25×20	2	100	12.5
40	1"×3/4"		4	41
1200	25×20	2	100	14
48	1"×3/4"		4	46
1500	25×20	3	100	19.5
60	1"×3/4"		4	64
1800	25×20	4	100	24.4
72	1"×3/4"		4	80

Assembling Length	IN-&outlet Head Size	Max. number of 90° bends	Min bending radius	Equivalent Length of DN25/1" Sch.40 Pipe at C=120 in	
mm inch	DN in.	n×90°	mm inch	QF-1000 With	QF-1000E With 90° elbow discharge
700	25×15	1	250	8.1	8
28	1"×1/2"		10	26.7	26.5
1000	25×15	3	250	12.9	12.4
40	1"×1/2"		10	42.6	40.8
1200	25×15	3	250	16.2	15.4
48	1"×1/2"		10	53.2	50.4
1500	25×15	4	250	20.6	20
60	1"×1/2"		10	67.8	65.7
1800	25×15	4	250	25.1	24.6
72	1"×1/2"		10	82.4	81
700	25×20	1	250	6.5	5.1
28	1"×3/4"		10	21.5	16.8
1000	25×20	3	250	12	10.4
40	1"×3/4"		10	39.5	34.2
1200	25×20	3	250	15.7	13.9
48	1"×3/4"		10	51.6	45.8
1500	25×20	4	250	19.3	17
60	1"×3/4"		10	63.5	58.7
1800	25×20	4	250	22.9	21.7
72	1"×3/4"		10	75.4	71.5

Results are tested & recorded by UL under minimum bending radius in maximum bending degrees.
Results are tested & recorded by FM approvals under minimum bending radius in maximum bending degrees.