



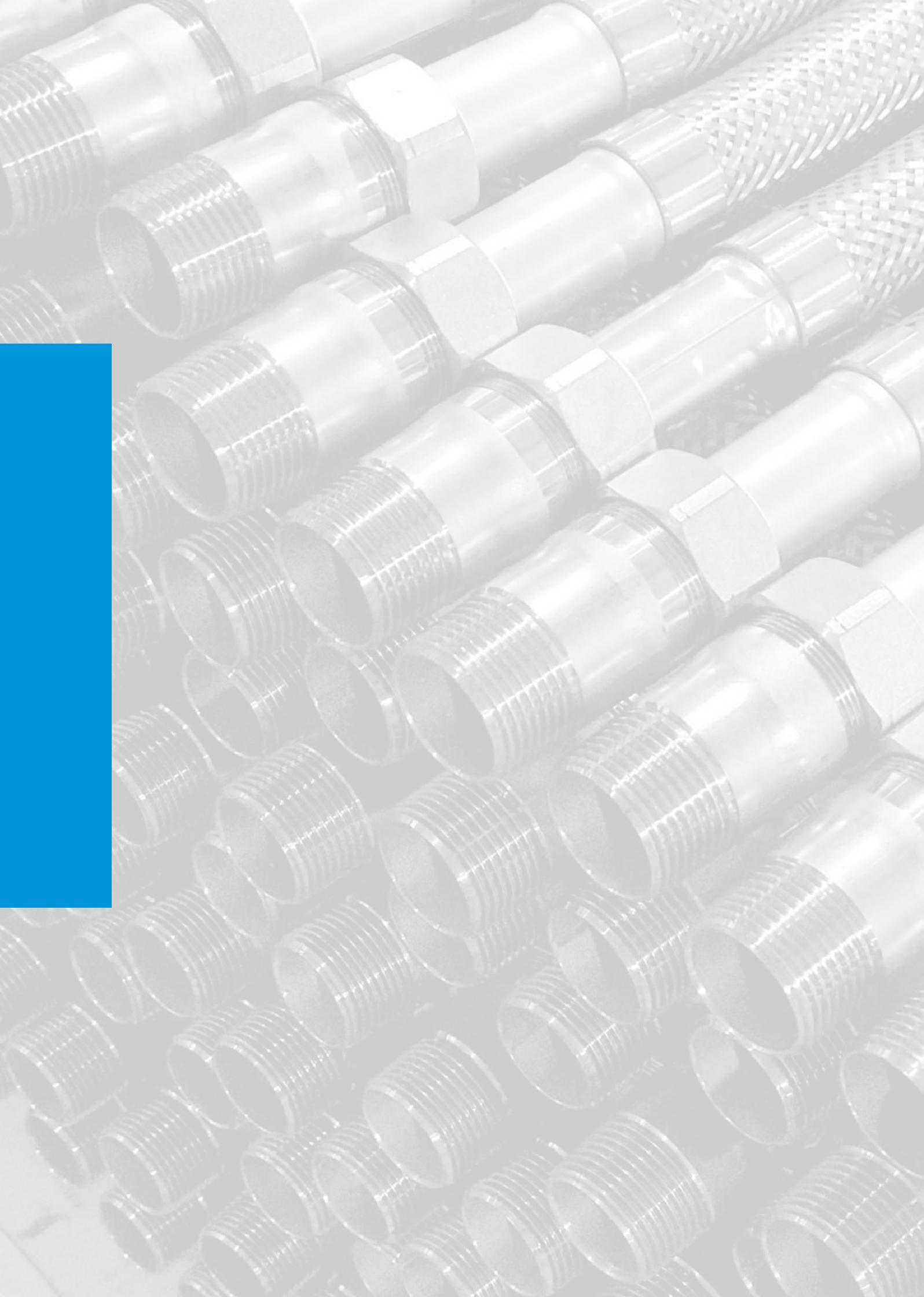
ISO 9001:2015 ISO 14001:2015

2026

Celebrating

37 years anniversary





DAEJIN SANUP Co.

PROFILE 2026



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Product Summary

Genie Drop



Genie Fire



Genie GasFlex



Genie  systems®



About us

Founded in 1989, DAEJIN SANUP Co. has over three decades of expertise and cutting-edge technology, establishing itself as a trusted leader in the fire protection industry. We specialize in supplying high-quality flexible sprinkler drops, sprinkler heads, and related components to meet the evolving needs of clients world wide.

Driven by a vision to strengthen our capabilities and lead the global market, we collaborate with dedicated partners who share our commitment to excellence. With a legacy built on integrity, innovation, and reliability, DAEJIN SANUP Co. continues to shape the future of the industry, ensuring safety and satisfaction for generations to come.

10,000 Units Daily Capacity

Ready to meet your needs with flexible, high-capacity production.

36 Years of Market Presence

Delivering excellence and innovation across borders.

20 Years of International Trade Expertise

Skilled in navigating diverse global markets.

15 Years Partnership with Global Clients

Building long-term relationships with exceptional service.

10 Years of International Approvals

A proven track record of meeting global standards for customer satisfaction.

Our brands





History

- 1989 Feb** DAEJIN SANUP Co. established
- 2004 Aug** ISO 14001 certificate achieved
- 2007 Jan** KFI (Korea Fire Institute) certificate for Flexible sprinkler drops
- 2008 Aug** ISO 9001 certificate
- 2008 Dec** FM approval for Braided flexible drops DJ25B
- 2009 Dec** UL certificate for Braided flexible drops DJ25B
- 2010 Aug** KFI certificate for Flexible drops (Straight/Elbow 10-14, 10-5)
- 2011 Mar** FM approval for Braided flexible drops DJ28B
- 2011 Aug** UL certificate for Unbraided flexible drops DJ25UB
- 2011 Nov** KFI certificate for Flexible drops (Straight 11-99, 11-100)
- 2011 Dec** Quality Management Capability Evaluation Certification by KFI
- 2012 May** Certificate of product-specific approved exporter
- 2012 Jun** Designated as a Promising Exporter
- 2013 May** UL certificate for New design of the End Bracket
- 2013 Aug** UL certificate for New design of the Center and End brackets
- 2014 Sep** FM approval for New design of Center and End Brackets
- 2014 Dec** \$3 Million Export Award
- 2015 Jul** CSA certification for Flexible Gas hose
- 2016 Dec** \$5 Million Export Award
- 2017 Apr** ISO 9001 certification (2015 ver.)
- 2017 May** Established a subsidiary in Vietnam
- 2018 Apr** MOU with Da Boi Nam, Vietnam
- 2018 Aug** Established R&D Center
- 2018 Dec** Achieved sales of \$5.2 million in Vietnam subsidiary
- 2019 Jan** Took over NAMSON Enterprise, Vietnam
- 2019 Nov** UL specification improved DJ28B (Max. no. of Bends: 12)
- 2020 Nov** Expansion of sales office in Seoul
- 2021 Mar** UL specification improved DJ25UB (200psi)
- 2022 Oct** FM specification improved DJ28B (200psi)
- 2023 Jul** 'Grand prize' awarded from the Minister of Trade, Industry and Energy in the Social Responsibility (S) category
- 2025 Jan** CE PED certificate for DJ28B (2014/68/EU)
- 2025 Sep** CE CPR certificate for DJ28B & DJ32B (EU No 305/2011)



Flexible Sprinkler Drops

Flexible sprinkler drops connect sprinkler heads to piping systems through flexible hoses, ensuring easier, safer, and more cost-effective fire protection installation.

With a portfolio of our global patents, DAEJIN's commitment to innovation is undeniable. We strive to continuously push the boundaries, offering solutions that make installation faster and more efficient.





Genie Drop

For optimal results, the **DAEJIN GENIE DROP** is engineered to meet ASTM C635 and C636 standards and complies with NFPA 13, 13D, and 13R codes, ensuring industry-leading safety and reliability.

The system can be installed using a variety of brackets, including those for T-bars, metal ornaments, hat channels, wood beams, and concrete sidewalls, offering flexibility for diverse installation environments.

Certified for a wide range of commercial applications, including hotels, restaurants, cultural centers, educational institutions, and public facilities, the **Genie System** provides reliable performance and versatility for even the most demanding projects.

Advantages of Flexible Sprinkler Drops



Easy Installation

Quick setup saves time.



Minimized Damage

Flexible design reduces risk.



Lower Labor Costs

Reduced installation effort.



Enhanced Safety

Meets strict safety standards.



Improved Aesthetics

Blends seamlessly with interiors.



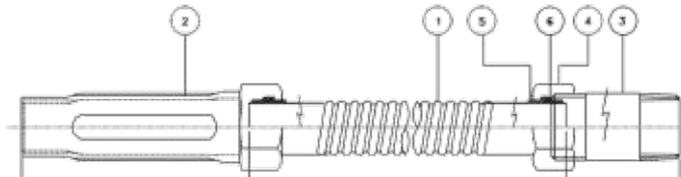
Versatility

Perfect for any building type.

Unbraided flexible hose with fittings DJ25UB



Components



Designed for tight spaces and quick installations, the unbraided flexible sprinkler hose offers a corrugated design, secure inlet and outlet fittings, and a ceiling bracket for easy mounting. It features a lightweight structure that simplifies handling, accelerates installation, and reduces labor costs. Ideal for efficient setups with fewer components, it ensures a streamlined installation process at a lower overall cost.

	PARTS	MATERIALS
1	Flexible Tube	Stainless Steel 304
2	Reducer (Outlet)	Zinc-Plated Steel
3	Nipple (Inlet)	Zinc-Plated Steel
4	Slip Nut	Zinc-Plated Steel
5	Isolating-Ring	Nylon
6	Gasket	EPDM

Product details

Hose diameter	OD 25.1mm / ID 21.4mm
Max. Ambient Temperature	225°F / 107°C
Max. Working Pressure	200 psi / 1380 kPa
Min. Bend Radius	4" / 100mm
Certificates	UL listed
Package Contents	1 × unbraided flexible hose, 1 × center bracket, 1 × square bar, 2 × end brackets.

Specifications - UL

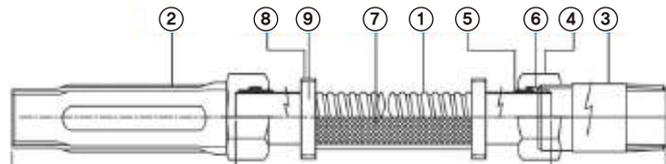
Outlet Size inch(mm)	K-Factor gpm/vpsi (l/min/vbar)	Assembly Length mm (inches)	Max Number of 90° bends	Minimum Bend Radius Inch (mm)	Equivalent Length of 1" Sch. 40 pipe ft (m)
1/2 (15)	5.6 (80.6)	700 (28)	2	4.0 (102)	32 (9.8)
		1000 (40)	3	4.0 (102)	55 (16.8)
		1200 (48)	3	4.0 (102)	64 (19.6)
		1500 (60)	3	4.0 (102)	75 (22.9)
		1800 (72)	3	4.0 (102)	81 (24.7)
3/4 (20)	8.0 (203)	700 (28)	2	4.0 (102)	31 (9.5)
		1000 (40)	3	4.0 (102)	50 (15.3)
		1200 (48)	3	4.0 (102)	57 (17.4)
		1500 (60)	3	4.0 (102)	68 (20.8)
		1800 (72)	3	4.0 (102)	79 (24.1)

Unbraided flexible hose with fittings DJ28B



Braided hoses are reinforced with stainless steel braiding to enhance mechanical strength and resistance to damage, vibrations, and seismic activity. They feature an inlet fitting for easy branch line connection, an outlet fitting for sprinkler attachment, and a ceiling bracket for secure mounting. Perfect for installations demanding durability and flexibility.

Components



	PARTS	MATERIALS
1	Flexible Tube	Stainless Steel 304
2	Reducer (Outlet)	Zinc-Plated Steel
3	Nipple (Inlet)	Zinc-Plated Steel
4	Slip Nut	Zinc-Plated Steel
5	Isolating-Ring	Nylon
6	Gasket	EPDM
7	Braided Hose	Stainless Steel 304
8	Clamp(Outside)	Stainless Steel 304
9	Clamp(Inside)	Stainless Steel 304

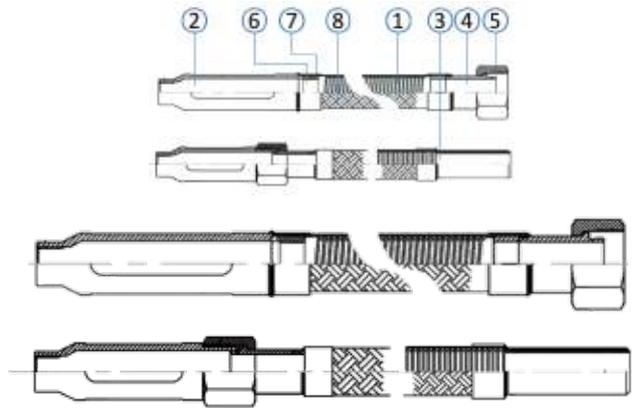
Product details

Hose diameter	OD 28.0mm / ID 27.4mm
Max. Ambient Temperature	225°F / 107°C
Max. Working Pressure	200 psi / 1380 kPa
Min. Bend Radius	3"(UL) / 76.2mm
Certificates	UL listed, FM approved, CE
Package Contents	1 × braided flexible hose, 1 × center bracket, 1 × square bar, 2 × end brackets.

Specifications

Outlet Size inch(mm)	K-Factor gpm/vpsi (l/min/vbar)	Assembly Length mm (inches)	Max Number of 90° bends		Minimum Bend Radius Inch (mm)		Equivalent Length of 1" Sch. 40 pipe ft (m)	
			UL	FM	UL	FM	UL	FM
1/2 (15)	5.6 (80.6)	700 (28)	3	1	3.0(77)	9 (229)	18 (5.5)	22.9 (6.9)
		1000 (40)	5	2	3.0(77)	9 (229)	23 (7.1)	34.6 (10.5)
		1200 (48)	7	3	3.0(77)	9 (229)	29 (8.9)	41 (12.5)
		1500 (60)	9	4	3.0(77)	9 (229)	39 (11.9)	50.4 (15.3)
		1800 (72)	12	4	3.0(77)	9 (229)	50 (15.3)	58.5 (17.8)
3/4 (20)	8.0 (115)	700 (28)	3	1	3.0(77)	9 (229)	20 (6.1)	15.7 (4.8)
		1000 (40)	5	2	3.0(77)	9 (229)	24 (7.4)	26.9 (8.2)
		1200 (48)	7	3	3.0(77)	9 (229)	31 (9.5)	34.8 (10.6)
		1500 (60)	9	4	3.0(77)	9 (229)	40 (12.2)	43.8 (13.5)
		1800 (72)	12	4	3.0(77)	9 (229)	70 (21.4)	53.4 (16.2)

Braided flexible hose with fittings for commercial suspended ceilings DJ32B-C



DJ32B-C Series Braided Hoses are reinforced with stainless steel braiding for enhanced strength and resistance against damage, vibration, and seismic activity. The outlet reducer is pre-welded to the hose, enabling fast and hassle-free installation.

This series is suitable for a wide range of applications, including commercial buildings, clean rooms, hospitals, pharmaceutical facilities, and chemical plants. Bracket type can be selected according to customer preference.

	PARTS	MATERIALS
1	Flexible Tube	Stainless Steel 304
2	Reducer (Outlet)	Stainless Steel 304
3	Weld Nipple (Inlet)	Stainless Steel 304
4	Sleeve Fitting	Stainless Steel 304
5	Sleeve Nut	Stainless Steel 304
6	Clamp Ring	Stainless Steel 304
7	Weld Ring	Stainless Steel 304
8	Braid Hose	Stainless Steel 304

Product details

Hose diameter	OD 32mm / ID 26.1mm
Ambient Temperature	- 40°C ~ +135°C
Max. Working Pressure	175 psi / 1205 kPa
Min. Bend Radius	8" (203mm)
Certificates	FM approved
Package Contents	1 × braided flexible hose, 1 × center bracket, 1 × square bar, 2 × end brackets.

Specifications - FM

Model No.	Hose Assembly Length in(mm)	NPT in. (mm)	K-Factor	Minimum Bend Radius in (mm)	Number of Bends	Rated Working Pressure psi (kPa)	Equivalent Length of 1 in. Sch 40 Pipe ft(m)
DJ32B-C	24 (610)	1/2 (15)	5.6	8 (203)	1	175 (1205)	8.8 (2.2)
	31.2 (792)	1/2 (15)	5.6	8 (203)	2	175 (1205)	14 (4.3)
	36 (915)	1/2 (15)	5.6	8 (203)	2	175 (1205)	17.5 (5.3)
	48 (1220)	1/2 (15)	5.6	8 (203)	3	175 (1205)	26.3 (8)
	60 (1525)	1/2 (15)	5.6	8 (203)	4	175 (1205)	31.4 (9.5)
	72 (1830)	1/2 (15)	5.6	8 (203)	4	175 (1205)	36.6 (11.1)

Flexible Fire Sprinkler Stainless Drops

for Cleanroom Ceilings

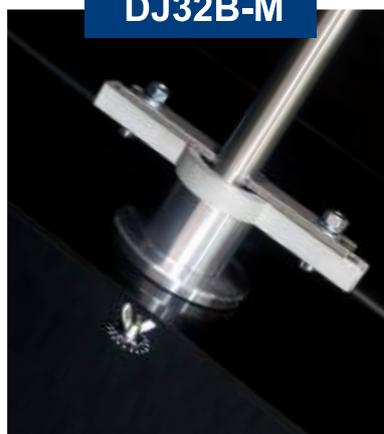
Designed to maintain air cleanliness by controlling suspended particles and noxious gases to specified levels. Ensures the purity of materials and chemicals while regulating pressure, air flow, noise, and vibration. Ideal for semiconductor facilities and environments requiring stringent contamination control.



DJ32B-S



DJ32B-M



Advantages



Safe durability against
earthquake



Completely block
external air

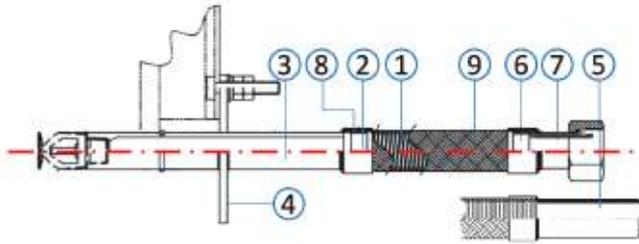


Quick and easy
installation



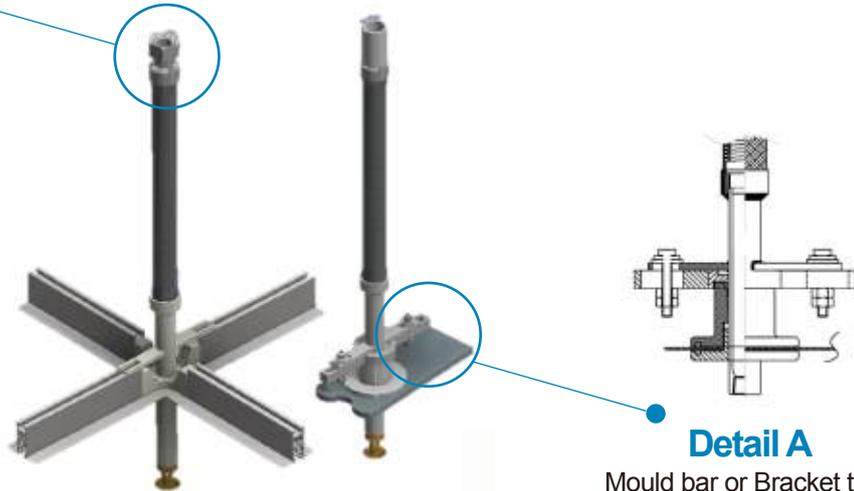
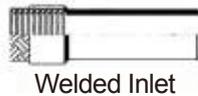
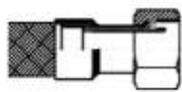
Easy and quick
relocation

Braided flexible hose with fittings for cleanroom DJ32B-M



	PARTS	MATERIALS
1	Flexible Tube	Stainless Steel 304
2	Weld-Ring	Stainless Steel 304
3	Reducer (Outlet)	Stainless Steel 304
4	Bracket	Stainless Steel 304
5	Nipple (Inlet)	Stainless Steel 304
6	Sleeve Fitting	Stainless Steel 304
7	Sleeve Nut	Stainless Steel 304
8	Clamp Ring	Stainless Steel 304
9	Braided Hose	Stainless Steel 304

Detail B



Detail A

Mould bar or Bracket type

Product details

Hose diameter	OD 32mm / ID 26.1mm
Max. Ambient Temperature	- 40°C ~ +135°C
Max. Working Pressure	175 psi / 1205 kPa
Certificates	FM approved

Specifications

Model No.	Hose Assembly Length in(mm)	NPT in.	K-Factor	Minimum Bend Radius in (mm)	Number of Bends	Rated Working Pressure psi (kPa)	Equivalent Length of 1 in. Sch 40 Pipe ft(m)
DJ32B-M	24 (610)	1/2	5.6	8 (203)	1	175 (1205)	11.9 (3.6)
	31.2 (792)	1/2	5.6	8 (203)	2	175 (1205)	14.7 (4.5)
	36 (915)	1/2	5.6	8 (203)	2	175 (1205)	16.5 (5)
	48 (1220)	1/2	5.6	8 (203)	3	175 (1205)	21.2 (6.5)
	60 (1525)	1/2	5.6	8 (203)	4	175 (1205)	27.3 (8.3)
	72 (1830)	1/2	5.6	8 (203)	4	175 (1205)	33.4 (10.1)

Braided flexible hose with fittings for cleanroom DJ32B-S

Applications

TFT-LCD Facility
Semi conductor factory

Installation Type



Weld type



Nut type

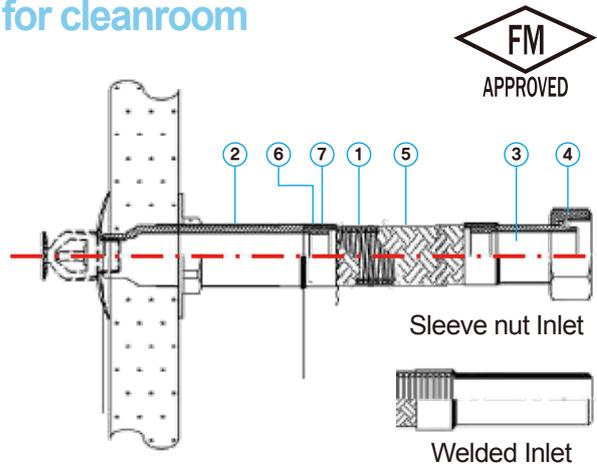
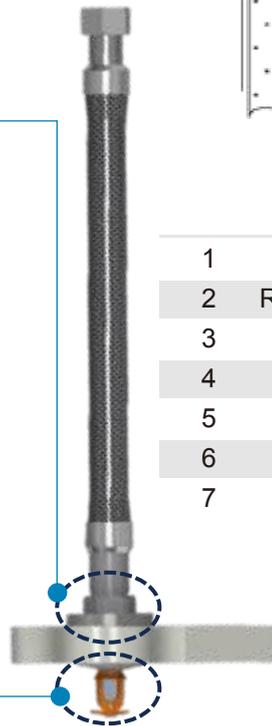
Escutcheons



White Epoxy



Chrome Plated



	PARTS	MATERIALS
1	Flexible Tube	Stainless Steel 304
2	Reducer (Outlet)	Stainless Steel 304
3	Sleeve Fitting	Stainless Steel 304
4	Sleeve Nut	Stainless Steel 304
5	Braid Hose	Stainless Steel 304
6	Clamp Ring	Stainless Steel 304
7	Weld Ring	Stainless Steel 304

Product details

Hose diameter	OD 32mm / ID 26.1mm
Max. Ambient Temperature	- 40°C ~ +135°C
Max. Working Pressure	175 psi / 1205 kPa
Certificates	FM approved

Specifications

Model No.	Hose Assembly Length in(mm)	NPT in.	K-Factor	Minimum Bend Radius in (mm)	Number of Bends	Rated Working Pressure psi (kPa)	Equivalent Length of 1 in. Sch 40 Pipe ft(m)
DJ32B-S	24 (610)	1/2	5.6	8 (203)	1	175 (1205)	11.9 (3.6)
	31.2 (792)	1/2	5.6	8 (203)	2	175 (1205)	14.7 (4.5)
	36 (915)	1/2	5.6	8 (203)	2	175 (1205)	16.5 (5)
	48 (1220)	1/2	5.6	8 (203)	3	175 (1205)	21.2 (6.5)
	60 (1525)	1/2	5.6	8 (203)	4	175 (1205)	27.3 (8.3)
	72 (1830)	1/2	5.6	8 (203)	4	175 (1205)	33.4 (10.1)



Spare components are the cornerstone of DAEJIN SANUP CO.'s success and pride today. As pioneers in innovation, we introduced the cap center bracket to the world an achievement that set the stage for our ongoing advancements in technology.

With a portfolio of global patents, DAEJIN SANUP CO. remains steadfast in its commitment to innovation, consistently pushing boundaries to deliver solutions that make installations faster, easier, and more efficient.

Spares

Patent ownership list

US 11,358,170 B2
 US 9,174,077 B2
 EP 2 839 862 A1
 P39654AU00
 US 8,833,719 B2
 ZL 200880014022.6
 PCT/KR2008/005004



One-Touch
Center Bracket



One-Touch
End Bracket

Reducer

Size available at 118, 140, 155, 178, 200, 230mm
 Inlet size available at 1/2", 3/4", 3/8" in both BSPT and NPT thread type
 Entirely made of carbon steel and zinc-plated for durability



Knurling Reducer (140R-36RM-N1)

- Grooved type



Knurling Reducer w/ Marking (140R-36RM-N1)

- Grooved type
- Measurement Marks
- User-friendly for easy installation



Reducer (R-36-N1)

- Standard type
- Length at your choice

Elbow Reducer

An elbow reducer simplifies pipe installation in tight spaces where the main pipe and ceiling are too close for a standard reducer.



90° Elbow Reducer - Long type (RE-36L-N1)

- Size: 162x152mm
- Standard type



90° Welded Reducer (140RE-36WR-N1)

- Length: 140, 155mm
- For tight ceiling



Short Elbow Reducer (42RE-36S-N1)

- Length: 42, 62, 82mm
- Designed to fit with hook bracket



Adjustable Elbow Bracket (42RE-36B-N1)

- Length: 42, 62, 82mm
- Adjustable after installation.
- Less tool needed.

Nipple

The nipple connects the branch pipe to the corrugated hose, matching the branch pipe size. The standard is 63mm, 1" to 1-1/4" thread available in BSPT and NPT.



Nipple (NI-36-N1)

- Carbon steel
- Zinc-plated

Nipple (NI-36-N5)

- Carbon steel
- Zinc-plated
- 1-1/4" thread

Connecting Nipple (N-36-36)

- Carbon steel
- Zinc-plated



SUS Nipple (NI-36-N4SS)

- Stainless steel

Square Bar



Inch	mm
26"	650
28"	700
40"	1,000
52"	1,300
62"	1,600



Center Bracket

The center bracket is designed to securely hold both the hose and sprinkler head, offering a cost-effective installation solution with Genie Systems' patented technology.



Round Bracket (B-CR-B)

- Suspended ceilings
- Hard-Lid ceilings Economy friendly



Cap Mount Bracket (B-CC-B-MD)

- Surface Mount Applications



One touch Bracket (B-COT)

- Suspended ceilings
- Hard-Lid ceilings



Cap Bracket (B-CC-B)

- Suspended ceilings
- 3 types installation available (Lateral, top-down, full bolt thread)



Hook Bracket (B-CH-B)

- Suspended ceilings
- Hard-Lid ceilings
- Designed to fit with elbow bracket

End Bracket

End brackets securely attach the square bar to the ceiling, with options for wood or gypsum boards. Available in two sizes (68mm and 105mm) to suit different bracket models.



One touch Bracket (B-EOTS / B-EOTL)

- Length : 68, 105mm
- Suspended ceilings, Hard-Lid ceilings



Wood Beam Stud Bracket (B-EWS-B)

- For wooden surface



Metal Stud End Bracket (B-E1-B)

- Length : 38mm
- For Metal Stud ceiling



Butterfly Bracket (B-ES-B)

- Length : 68, 105mm
- Suspended ceilings
- Hard-Lid ceilings



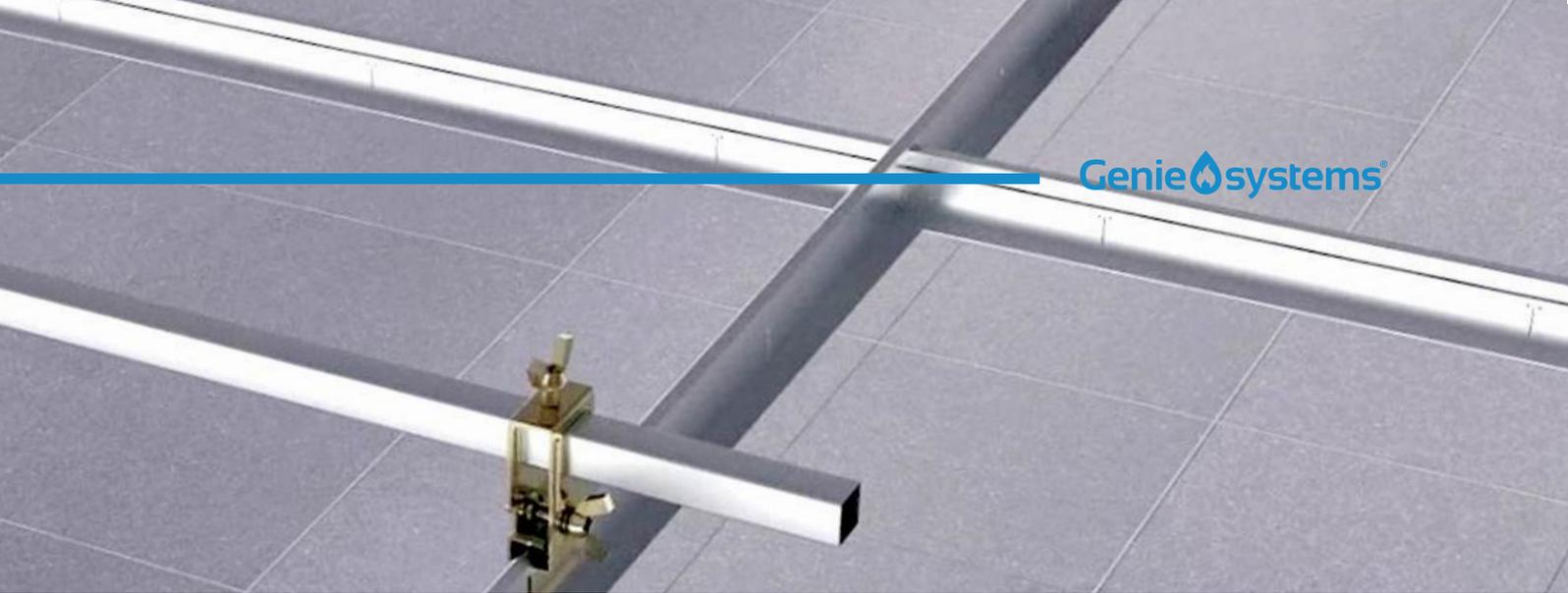
Hexagon Bracket (B-ES-H)

- Length : 68, 105mm
- Economy friendly



Rondo Brackets (Rondo 60/80H)

- Length : 60, 80mm
- Hard-Lid ceilings
- Hat Furring Channel Grid

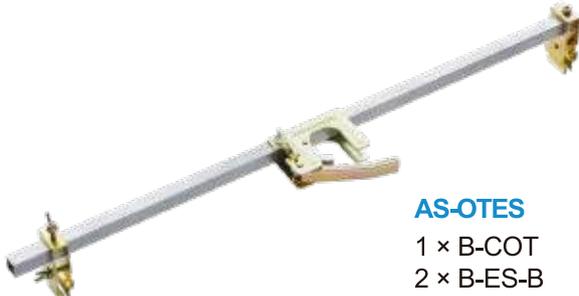


Assembly Set

Pre-assembled set for your convenience. All you need to do is clip the end brackets to the ceiling bar and place the reducer, and assemble our flexible sprinkler hose. Each set consists of one center bracket, 2 end brackets, and a square bar at your preference.



AS-CCEH
1 × B-CC-B
2 × B-ES-H
1 × Square Bar



AS-OTES
1 × B-COT
2 × B-ES-B
1 × Square Bar



AS-CCES
1 × B-CC-B
2 × B-ES-B
1 × Square Bar



AS-OTS
1 × B-COT
2 × B-EOTS
1 × Square Bar



AS-CCOT
1 × B-CC-B
2 × B-EOTS
1 × Square Bar



Sprinkler



Genie Fire sprinklers are designed to meet NFPA 13 standards and are manufactured and tested in compliance with UL 199 requirements. They are available in Pendent, Upright, and Sidewall types, with both Standard and Quick response options.

Technical Specification

Listings	USA, Canada UL Listed
Sprinkler Type	Wet Fire Sprinkler
K factor	5.6 U.S (80.6 Metric)
Inlet Size	½" NPT and BSPT
Response Type	Standard, Quick Response Coverage
Max Working Pressure	175 psi (12bar)
Min Operating Pressure	7 psi (0.5bar)
Factory Test Pressure	500 psi (35bar)
Finishes	Brass, Chrome or White

Sprinkler Heads DJP Pendent Series



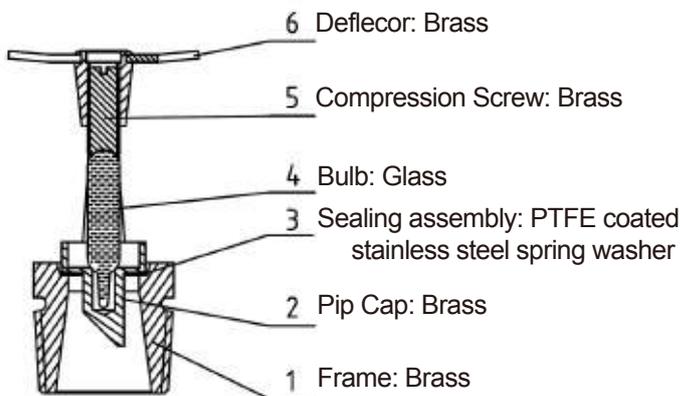
DJPS01
Pendent sprinkler
Standard Response
3mm glass bulb



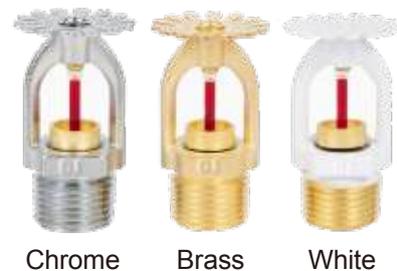
DJPQ02
Pendent sprinkler
Quick Response
5mm glass bulb

- 135°F (57°C)
- 155°F (68°C)
- 175°F (79°C)
- 200°F (93°C)
- 286°F (141°C)

Components

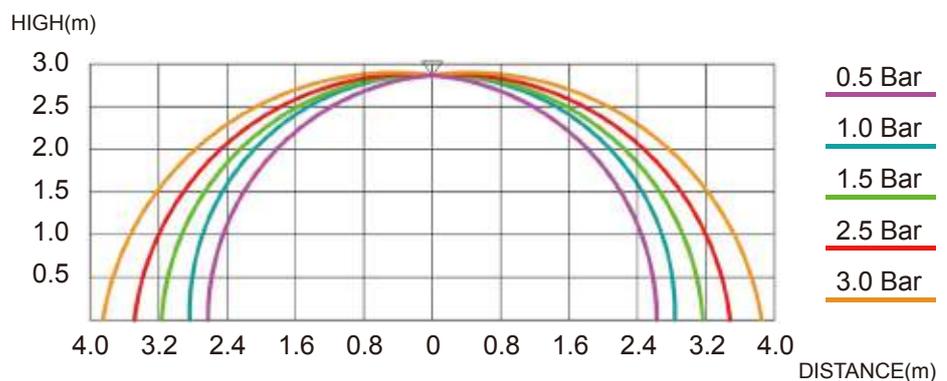


Finish



Distribution

0.048~0.103Mpa
56~82 L/Min



Features

- Design: Hang down from the ceiling, featuring a wide spray pattern.
- Coverage: Best for finished ceilings in offices, hotels, and residential buildings.
- Installation: Easy to install in standard ceiling grids or open areas.
- Performance: Provides broad water distribution for effective fire suppression

Sprinkler Heads DJU Upright Series



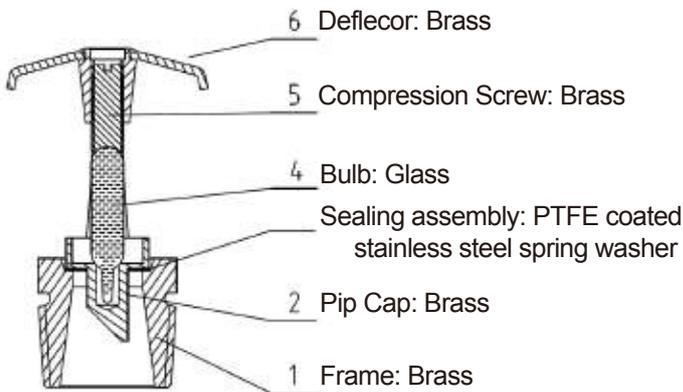
DJUS03
Upright sprinkler
Standard Response
3mm glass bulb



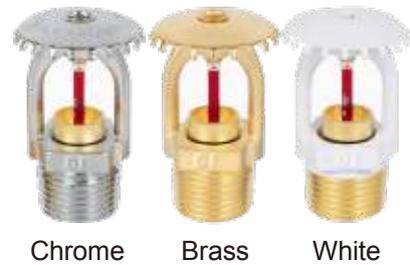
DJUQ04
Upright sprinkler
Quick Response
5mm glass bulb

- 135°F (57°C)
- 155°F (68°C)
- 175°F (79°C)
- 200°F (93°C)
- 286°F (141°C)

Components

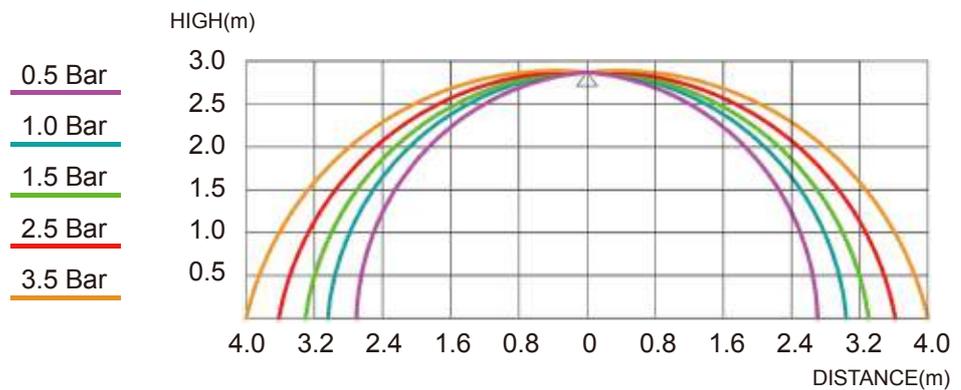


Finish



Distribution

0.048~0.103Mpa
56~82 L/Min



Features

- Design: Installed with the sprinkler head pointing upwards.
- Coverage: Designed for open structures like warehouses and factories with high ceilings.
- Installation: Effective in areas where ceiling fixtures may obstruct other sprinklers.
- Performance: Maximizes water distribution over large, unobstructed spaces.

Sprinkler Heads

DJS Horizontal Sidewall Series



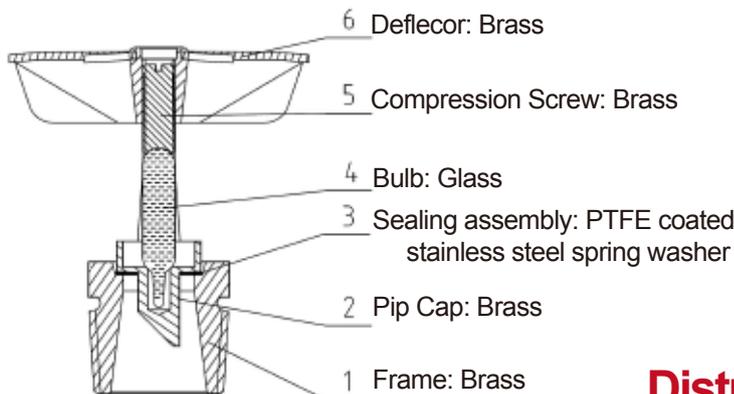
DJPS05
Pendent sprinkler
Standard Response
3mm glass bulb



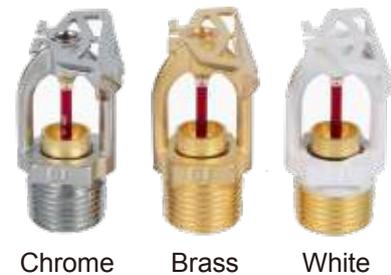
DJPQ06
Pendent sprinkler
Quick Response
5mm glass bulb

	135°F (57°C)
	155°F (68°C)
	175°F (79°C)
	200°F (93°C)
	286°F (141°C)

Components



Finish

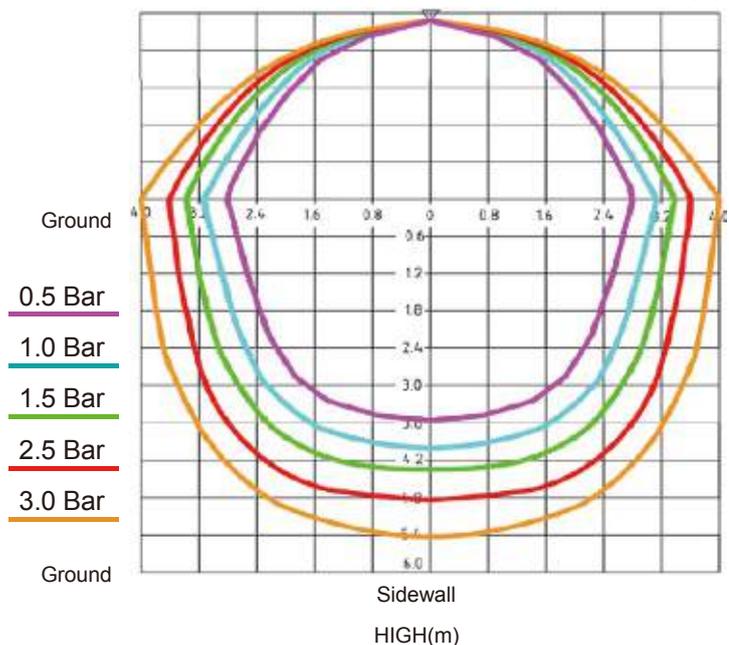


Features

- Design
Mounted close to the ceiling on walls, with a one-sided discharge pattern.
- Coverage
Ideal for small spaces like corridors, lobbies, and offices.
- Installation
Suitable for areas where water on vertical surfaces is acceptable.
- Performance
Effective in managing fire risks in areas with limited ceiling height.

Distribution

Max. distance along the wall(m) : 4.3
Max. room width(m) : 4.3

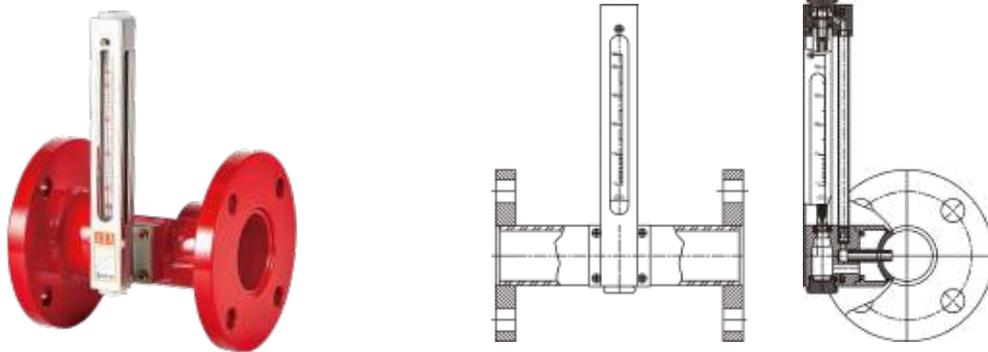


Fire Protection Equipment Flow Meter

Flow meters play a critical role in monitoring water flow within sprinkler and hydrant systems.

Key benefits include

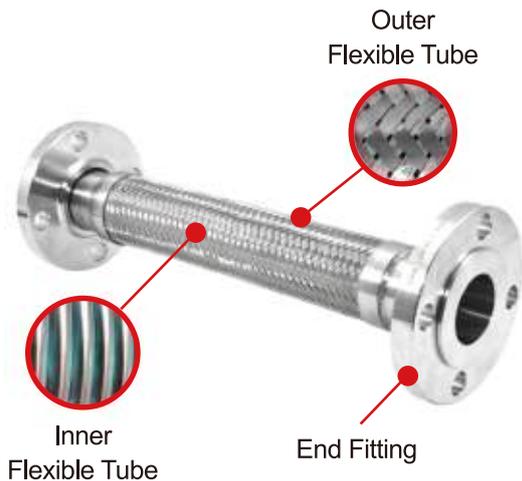
1. Real-time monitoring and recording of water flow
 2. Supporting efficient maintenance and system checks
 3. Delivering precise flow data to ensure optimal system performance and preparedness.
- **Type** : Flow Cell, Orifice Type Flow Meter
 - **Connection Standard** : ANSI RF/FF Flanged, KS B 1511 PF / FF, KS PT Threaded, Grooved Connection
 - **Fluid** : Fresh Water, Fire Water
 - **Finish** : Epoxy Powder Coated by Fire Red



Type	Dimension	Flow Rate Range (l/m)	Maximum Working Pressure (kg/cm ²)
Flange 10K	40A	110 - 550	20
	50A	220 - 1,100	20
	65A	450 - 2,200	20
	80A	700 - 3,300	20
	100A	900 - 4,500	20
	125A	1,200 - 6,000	20
	150A	2,000 - 10,000	20
Flange 20K	65A	450 - 2,200	40
	80A	700 - 3,300	40
	100A	900 - 4,500	40
	125A	1,200 - 6,000	40

Metal Expansion Joints

PUMP CONNECTOR (METAL FLEXIBLE JOINT)



Feature

- All of steel construction, thus they permit high pressure and high temperature service while isolating mechanical vibration and reducing system noise to provide perfect pump vibration isolation
- Suitable for Various pipeline of Pump and Compressor System
- Absorption for Vibration & Noise, Heat or Pressure-induced expansion of Piping System
- Lower overall operating costs
- Compensates for minor misalignment, resulting in less stresses
- Allows operation at elevated temperature

Technical Specification

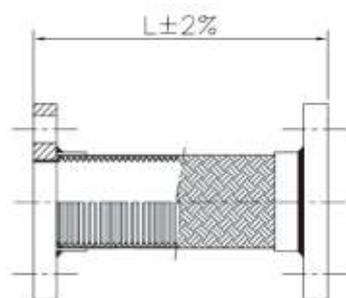
ITEM	SPECIFICATION
Fluid	Water, Steam, Air, OIL
Flexible Type	Annular & Braided
Nominal Size	DN 25 (1") to DN 300 (12")
Connection	ANSI B 16.5 RF/FF FLANGED, KS B 1511 /1506 RF/FF
Design Pressure	1.0 MPa or 2.0MPa
Test Pressure	1.5MPa or 3.0MPa at Water
Design Temp.	220 °C
Finish	Stainless Steel Natural Surface

Material

COMPONENTS	MATERIAL
Flange	ASTMA105, Steel Structure 41, SS400, Stainless Steel 304
Braid	Stainless Steel 304
Bellows	Stainless Steel 304

Metal Expansion Joints

PUMP CONNECTOR (METAL FLEXIBLE JOINT)



Technical Specification

NOMINAL SIZE		LENGTH (mm)	BRAID	MAX. WORKING PRESSURE (barg)		APPROX. WEIGHT (KR)
DN	INCH			SINGLE BRAIDED	DOUBLE BRAIDED	
25	1	200	WIRE	24	45	4
32	1-1/4	200	WIRE	20	35	5
40	1-1/2	230	WIRE	20	35	5
50	2	230	WIRE	20	35	6
65	2-1/2	230	WIRE	15	25	8
80	3	230	WIRE	15	25	9
100	4	230	WIRE	15	25	13
125	5	280	WIRE	10	20	16
150	6	280	WIRE	10	20	20
200	8	300	WIRE or RIBBON	10	20	30
250	10	300	WIRE or RIBBON	10	20	50
300	12	300	WIRE or RIBBON	10	20	70

Metal Flexible Hose FLEXIBLE HOSE



Feature

- The Metal Flexible Hoses are widely used in all Piping System like Water, Steam, Hot Oil & Gas with their resistance to pressure and excellent flexibility
- Enhanced Flexibility and Bending Resistance
- Pressure, Corrosion & Chemical Resistance
- Absorption for Vibration & Noise, Heat or Pressure-induced expansion of Piping System
- Compensates for minor misalignment, resulting in less stresses

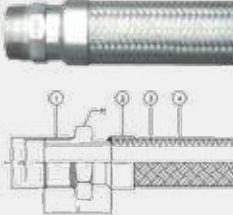
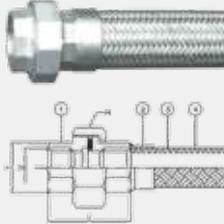
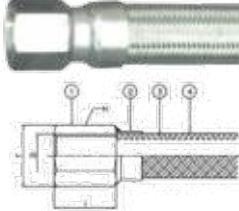
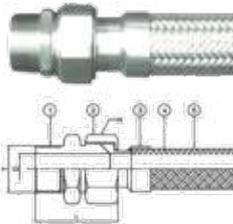
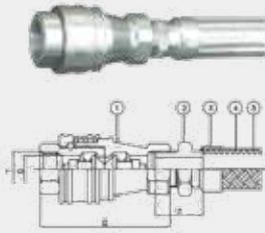
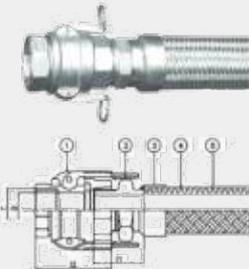
Technical Specification

Item	Specification
Fluid	Water, Steam, Air, OIL
Flexible Type	Annular & Braided
Nominal Size	DN 6 (1/8") to DN 80 (3")
Connection	Flange, Lap Joint, Nipple, Union, Socket, Nut & Nipple, SP Coupler, Quick Coupling
Working Pressure	Max. 1.0 MPa to 3.0 MPa
Ambient Temp.	Over 220°C
Finish	Stainless Steel Natural Surface

Material

Components	Material
Flange	ASTMA105, Steel Structure 41, SS400, Stainless Steel 304
Braid	Stainless Steel 304
Bellows	Stainless Steel 304

Model

Type	Detail Spec	Type	Detail Spec
	FLANGE TYPE ① Flange : SS400/STS304 ② Lap-Joint : STS304 ③ Band : STS304 ④ Bellows : STS304 ⑤ Braid : STS304		LAP JOINT FLANGE TYPE ① Loose Flange : SS400/STS304 ② Lap-Joint : STS304 ③ Band : STS304 ④ Bellow : STS304 ⑤ Braid : STS304
	NIPPLE TYPE ① Nipple : SS400/STS304 ② Band : STS304 ③ Bellows : STS304 ④ Braid : STS304		UNION TYPE ① Union : SS400/STS304 ② Band : STS304 ③ Bellows : STS304 ④ Braid : STS304
	SOCKET TYPE ① Socket: SS400/STS304 ② Band : STS304 ③ Bellows : STS304 ④ Braid : STS304		LOOSE NUT TYPE ① Nipple : SS400/STS304 ② Loose Nut: SS400/STS304 ③ Band : STS304 ④ Bellows : STS304 ⑤ Braid : STS304
	SP COUPLING TYPE ① Coupling : SS400/STS304 ② Nipple : SS400/STS304 ③ Band : STS304 ④ Bellow : STS304 ⑤ Braid : STS304		QUICK COUPLING TYPE (CAM LOCK) ① Coupling : AL/STS304 ② Nipple : SS400/STS304 ③ Band : STS304 ④ Bellow : STS304 ⑤ Braid : STS304

* Flexible Hose lengths are customized as per the customers request.

Metal Expansion Joints

EXPANSION JOINT (SINGLE TYPE)



Feature

- Consisting of Bellows welded to both of a flange or pipe
- Installation for pipe work and duct systems to prevent damage caused by thermal growth, vibration, pressure thrust and other mechanical forces in various industries
- Designed for absorption of axial, lateral, angular movement and concurrent movements
- Pressure & Temperature Resistant, Maintenance Free, Vacuum Tight, Durable & Reliable,
- Economical and Corrosion Resistant

Dimension

DN	Bellows Thickness	Pitch x Height (mm)	Number of Convolutions	Overall Length (mm) Min-Max	Movement			Spring Force	
					Axial (mm)	Lateral (mm)	Angular (Deg)	X (kg/mm)	Y (kg/mm)
100	0.4	23x24	6	250	±12	3.3	11.8	6	15
			12	360	±25	13	23.6	3	2
125	0.6	20x26	5	250	±15	10.8	10.8	9.0	32.0
			10	360	±30	22.3	22.3	5.0	5.0
150	0.8	35x35	5	300	±15	9.9	9.9	16.9	43.1
			10	440	±30	19.9	19.9	8.5	5.4
200	1.0	45x38	4	300	±16	7.6	7.6	14.0	83.4
			8	440	±32	15.3	15.3	7.0	10.4
250	1.0	45x42	4	300	±18	7.1	7.1	25.2	164.6
			7	440	±32	12.4	12.4	14.4	30.7
300	1.0	50x50	3	300	±18	6.0	6.0	27.4	269.6
			5	440	±30	9.9	9.9	16.4	58.2
			7	524	±42	13.9	13.9	11.7	21.2
350	1.0	50x50	3	300	±23	6.6	6.6	18.8	189.0
			5	440	±37	11.1	11.1	11.3	40.8
			6	524	±45	13.3	13.3	9.4	23.6
400	1.0	50x50	3	300	±23	5.9	5.9	21.3	271.8
			5	475	±37	9.8	9.8	12.8	58.7
			6	545	±45	11.8	11.8	10.6	34.0
450	1.0	50x50	3	300	±23	5.1	5.1	24.8	434.2
			5	475	±37	8.4	8.4	14.9	93.8
			6	545	±45	10.1	10.1	12.4	54.2
500	1.0	50x50	3	300	±23	4.8	4.8	626.1	500.9
			5	475	±37	8.0	8.0	15.6	108.2
			6	545	±45	9.6	9.6	13.0	62.6
600	1.2	60x60	3	300	±16	2.8	2.8	48.2	2199.6
			5	475	±40	7.0	7.0	19.3	140.8
			6	545	±48	8.3	8.3	16.1	81.5
700	1.2	60x60	3	300	±16	2.4	2.4	55.6	3381.0
			5	475	±40	6.0	6.0	22.2	216.4
			6	545	±48	7.2	7.2	18.5	125.2

Metal Expansion Joints

EXPANSION JOINT (SINGLE TYPE)



Material

- Pipe, Bellows, Flange : Austenitic Stainless Steel (STS 304/304L, 310S, 316L & etc.)

Connection Standard

- ANSI B 16.5 RF/FF FLANGED, KS B 1511 FF FLANGED

Working Pressure

- 0.1 MPa to 0.3 MPa

Technical Specification

DN	Bellows Thickness	Pitch x Height (mm)	Number of Convolutions	Overall Length (mm) Min-Max	Movement			Spring Force	
					Axial (mm)	Lateral (mm)	Angular (Deg)	X (kg/mm)	Y (kg/mm)
800	1.5	60x60	3	400	±24	1.6	3.2	82.0	2839.7
			5	580	±40	4.6	5.3	49.2	613.4
			6	640	±48	6.6	6.4	41.0	355.0
900	1.5	60x60	5	400	±24	1.5	2.9	90.4	3809.5
			10	580	±40	4.1	4.8	54.2	822.9
				640	±48	6.0	5.8	45.2	476.2
1000	1.5	60x60	5	400	±24	1.3	2.6	100.5	5225.7
			10	580	±40	3.7	4.3	60.3	1128.7
				640	±48	5.4	5.2	50.2	653.2
1100	1.5	60x60	4	400	±24	1.2	2.4	110.1	6884.1
			8	580	±40	3.4	4.0	66.1	1487.0
				640	±48	5.0	4.7	55.1	860.5
1200	1.5	60x60	4	400	±24	1.1	3.2	119.1	8714.3
			7	580	±40	3.2	3.6	71.5	1882.3
				640	±48	4.5	4.4	59.6	1089.3
1300	1.5	60x60	3	400	±24	1.0	2.0	128.5	10939.7
			5	580	±40	2.9	3.4	77.1	2363.0
			7	640	±48	4.2	4.1	64.3	1367.5
1400	1.5	60x60	3	400	±24	1.0	1.9	138.0	10542.9
			5	580	±40	2.7	3.1	82.8	2925.3
			6	640	±48	4.0	3.8	69.0	1692.9
1500	1.5	60x60	3	400	±24	0.9	1.7	148.4	16850.0
			5	580	±40	2.5	2.9	89.0	3639.6
			6	640	±48	3.6	3.5	74.2	2106.3
2000	1.5	60x60	3	420	±24	0.7	1.3	194.9	38132.5
			5	600	±40	1.9	2.2	116.9	6236.6
			6	660	±48	2.8	2.7	97.4	4766.6
2500	2.0	70x75	2	460	±18	0.3	0.8	444.3	196380.2
			4	620	±36	1.4	1.6	222.1	24547.5
			5	700	±45	2.1	2.0	177.7	12568.3
3000	2.0	70x75	2	560	±18	0.3	0.6	530.5	334427.0
			4	720	±36	1.1	1.3	265.3	41803.4
			5	800	±45	1.6	1.6	212.2	21403.3

Metal Expansion Joints

UNIVERSAL EXPANSION JOINT

Feature

- Consisting of two bellows connected by a center spool, allowing for flexibility in multiple directions
- Capable of absorbing axial, lateral, and angular movements, often in combination
- Efficiently compensates for thermal expansion and contraction in piping systems
- Suitable for applications requiring high flexibility and displacement absorption in piping systems

Material

- Pipe, Bellows, Flange : Austenitic Stainless Steel
- STS 304/304L, 310S, 316L & etc.

Connection Standard

- ANSI B 16.5 RF/FF Flanged KS B 1506/1511 RF/FF Flanged

Working Pressure

- 0.1 MPa to 0.3 MPa



Technical Specification

DN	Face to Face Length (mm)								
	1000	1500	2000	2500	3000	3500	4000	4500	5000
200	45	80	120	150	200	250	-	-	-
250	50	100	140	200	250	280	-	-	-
300	50	100	150	200	250	300	-	-	-
350	40	80	120	190	220	250	-	-	-
400	30	75	100	150	200	230	300	-	-
450	25	70	100	150	170	200	290	-	-
500	20	65	100	150	160	200	280	-	-
550	15	60	100	150	165	200	270	-	-
600	15	55	100	150	150	180	250	242	274
650	10	50	100	140	150	170	220	227	257
700	-	50	80	120	150	-	200	269	305
800	-	40	75	110	150	173	200	238	270
900	-	35	65	100	150	156	175	215	244
1000	-	30	60	85	125	136	160	188	215
1200	-	-	50	70	100	115	150	159	181
1500	-	-	40	60	80	89	120	124	142
2000	-	-	30	50	75	73	100	104	120

Metal Expansion Joints

RECTANGULAR EXPANSION JOINT

Feature

- Rectangular bellows are designed to manage thermal expansion and mechanical vibration
- Available in various shapes (U-shaped, V-shaped, and mitered corners) to fit specific system requirements
- Absorption of thermal expansion in large rectangular duct lines
- Displacement and vibration absorption during bag house exhaust duct and blower operation
- Ensure sufficient clearance around the expansion joint for proper installation and future maintenance
- Protect the joint from debris, moisture, or corrosive elements during and after installation
- Engineered to withstand high temperatures and provide long-lasting performance
- Designed for bending stress along the beam length

Material

- Pipe, Bellows, Flange : Austenitic Stainless Steel
- (STS 304/304L, 310S, 316L & etc.)



Typical Corner Configurations



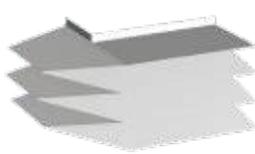
SINGLE MITER CORNER



ROUND CORNER



DOUBLE MITER CORNER



CHAMFER CORNER

Typical Convolution Shapes



'U' SHAPE



'V' SHAPE

Technical Specification

Bellows Type	Max. Working Pressure	Convolution	Axial Movement (mm)	Length (mm) (*Varies with movement range)			
				L50	L65	L75	L100
200	0.5 kg/cm ²	1	±10	150	180	200	260
		2	±20	220	250	270	320
		3	±30	280	300	330	380
350	0.5 kg/cm ²	2	±20	200	230	250	350
		3	±30	250	280	300	350
		4	±40	400	430	450	500

Metal Expansion Joints

NON-METAL EXPANSION JOINT

Feature

- Used for Absorption for Vibration & central deflection and thermal change and installed at flue piping system or the big size duct system of High Temperature & low pressure at Steel Manufacturing Facility, Power Plant Facility, Waste incinerating Facility, industrial dust collecting systems, Boiler & Turbines.
- Absorption for Vibration, Shock & Noise
- Stress Relief in ducting system
- Corrosion Resistance
- Heat Resistance



Technical Specification

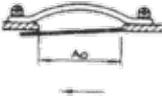
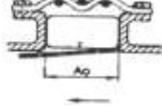
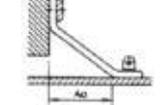
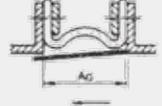
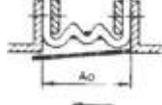
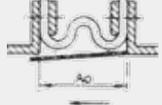
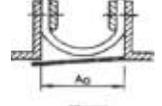
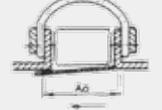
Item	Specification
Use	Duct System
Type	Non-metallic Belt or Flange Type
Size	As per Customers request
Application	Round, Oval, Rectangular
Max. Ambient Temp.	-40°C to 100°C or -40°C to 200°C
Finish	Fabric Bellows Natural Surface

Material

Components	Material
Bellows	Synthetic Elastomers, Fabrics, PTFE, Glass Fiber & etc.
Flange	Epoxy Powder Coated or Electro Galvanized Carbon Steel (SS400)
Nuts & Bolts	Yellow Chromate coated Carbon Steel (SS400)



Model

	Model	Specification
A		Temp : - 60°C to 200°C Type : Round, Oval, Rectangular Stretch Absorption for A0 : Axial Compression = 30%, Lateral = ± 10%
B		Temp : - 60°C to 600°C Type : Round, Oval, Rectangular Stretch Absorption for A0 : Axial Compression = 30%, Lateral = ± 10%
C		Temp : - 60°C to 600°C Type : Round, Oval, Rectangular Stretch Absorption for A0 : Axial Compression = 30%, Lateral = ± 15%
D		Temp : - 60°C to 600°C Type : Round, Oval, Rectangular Stretch Absorption for A0 : Axial Compression = 30%, Lateral = ± 20%
E		Temp : - 60°C to 200°C Type : Round, Oval, Rectangular Stretch Absorption for A0 : Axial Compression = 30%, Lateral = ± 10%
F		Temp : - 60°C to 200°C Type : Round, Oval, Rectangular Stretch Absorption for A0 : Axial Compression = 30%, Lateral = ± 10%
G		Temp : - 60°C to 350°C Type : Round, Oval, Rectangular Stretch Absorption for A0 : Axial Compression = 50%, Lateral = ± 15%
H		Temp : - 60°C to 350°C Type : Round, Oval, Rectangular Stretch Absorption for A0 : Axial Compression = 50%, Lateral = ± 20%
I		Temp : - 60°C to 350°C Type : Round, Oval, Rectangular Stretch Absorption for A0 : Axial Compression = 50%, Lateral = ± 20%
J		Temp : - 60°C to 400°C Type : Round, Oval, Rectangular Stretch Absorption for A0 : Axial Compression = 30%, Lateral = ± 20%

Flexible Stainless Steel Gas Hose for Combustor

Complete selection of flexible connectors for gas appliance.

The DAEJIN GENIE GASFLEX system ensures safe, efficient, and reliable gas installation for both residential and commercial structures. Designed for versatility, it seamlessly powers both indoor and outdoor appliances, making every connection strong, secure, and built to last.



Simple to assemble



Easy to adjust



Corrosion free



100% Leak tested

Certificates

ANSI Z 21.24 / CSA 6.10 Connectors For Gas Appliances

ANSI Z 21.75 / CSA 6.27 Connectors For Outdoor Gas Appliances And Manufactured Homes

Applications & Compatibility

Our gas connectors are designed for use between the gas supply and the gas inlet of indoor or outdoor stationary appliances that remain fixed after installation.

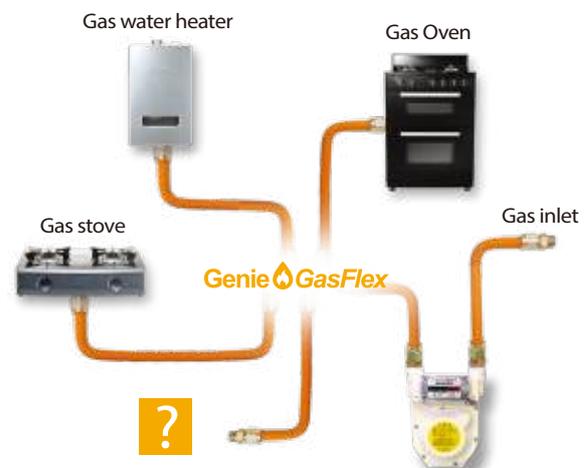
- ❌ Not for use with wheeled, caster-mounted, or portable appliances.
- ✅ Compatible with natural gas, manufactured gas, mixed gas, liquefied petroleum (LP) gas, propane, and LP gas-air mixtures.

Indoor

Water Heater / Gas Fireplace / Garage Heater / Wall Heater / Tankless Water Heater / Furnace / Space Heaters

Outdoor

Rooftop Units / Outdoor Dryer Stationary / Outdoor Grills / Gas Fire Pits



Compatible with a variety of systems flexible to suit your application.

Part Numbering System

DJ - GC - Y - 14 - AA - 36

① ② ③ ④

① Surface Coating	② Tube Size	③ End Fittings	④ Length
S Stainless Steel 304 (Not coated)	14 1/4" ID (3/8" OD)	A 3/8" MIP	12"
Y Yellow Epoxy	38 3/8" ID (1/2" OD)	B 3/8" FIP	18"
X Black Epoxy	13 1/2" ID (3/4" OD)	C 1/2" MIP (tapped 3/8" FIP)	24"
	34 3/4" ID (1" OD)	D 1/2" FIP	30"
		E 3/4" MIP (tapped 1/2" FIP)	36"
		F 3/4" FIP	48"
			60"
			72"

BTU Capacities Chart - Per ANSI Z21.24 / CSA 6.10

Nominal OD (Inch)	Nominal ID (Inch)	Straight Length Capacity - Natural Gas BTU PER HOUR							
		12"	18"	24"	30"	36"	48"	60"	72"
3/8"	1/4"	48,000	43,800	40,000	36,400	33,400	28,300	24,900	23,100
1/2"	3/8"	102,000	93,100	85,000	77,100	71,100	60,500	53,200	49,100
3/4"	1/2"	180,000	164,200	150,000	136,000	125,000	106,000	93,200	86,000
1"	3/4"	-	-	290,900	270,500	255,900	215,000	197,400	173,900

Nominal OD (Inch)	Nominal ID (Inch)	Straight Length Capacity - LPG (Propane) BTU PER HOUR							
		12"	18"	24"	30"	36"	48"	60"	72"
3/8"	1/4"	76,800	70,080	64,000	58,240	53,440	45,280	39,840	36,960
1/2"	3/8"	163,200	148,960	136,000	123,360	113,760	96,800	85,120	78,560
3/4"	1/2"	288,000	262,720	240,000	217,600	200,000	169,600	149,120	137,600
1"	3/4"	-	-	465,440	432,800	409,440	344,000	315,840	278,240

- Operating temperature : - 40°F to 150°F (4°C to 65°C)
- Working Pressure : 0.5 psi

Materials

Tube – Stainless Steel 304

Coating – Epoxy (black or yellow)

Fittings – Brass or Zinc Plated Carbon Steel



Yellow Epoxy



Black Epoxy

Part Number	Description	Length	Q'ty
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1/4" ID (3/8" OD) FIP X FIP

DJ-GC-Y-14-BB-12	3/8" FIP × 3/8" FIP	12"	25
DJ-GC-Y-14-BB-18	3/8" FIP × 3/8" FIP	18"	25
DJ-GC-Y-14-BB-24	3/8" FIP × 3/8" FIP	24"	25
DJ-GC-Y-14-BB-30	3/8" FIP × 3/8" FIP	30"	25
DJ-GC-Y-14-BB-36	3/8" FIP × 3/8" FIP	36"	25
DJ-GC-Y-14-BB-48	3/8" FIP × 3/8" FIP	48"	25
DJ-GC-Y-14-BB-60	3/8" FIP × 3/8" FIP	60"	25
DJ-GC-Y-14-BB-72	3/8" FIP × 3/8" FIP	72"	25
DJ-GC-Y-14-BD-12	3/8" FIP × 1/2" FIP	12"	25
DJ-GC-Y-14-BD-18	3/8" FIP × 1/2" FIP	18"	25
DJ-GC-Y-14-BD-24	3/8" FIP × 1/2" FIP	24"	25
DJ-GC-Y-14-BD-30	3/8" FIP × 1/2" FIP	30"	25
DJ-GC-Y-14-BD-36	3/8" FIP × 1/2" FIP	36"	25
DJ-GC-Y-14-DD-48	3/8" FIP × 1/2" FIP	48"	25
DJ-GC-Y-14-DD-60	3/8" FIP × 1/2" FIP	60"	25
DJ-GC-Y-14-DD-72	3/8" FIP × 1/2" FIP	72"	25
DJ-GC-Y-14-DD-12	1/2" FIP × 1/2" FIP	12"	25
DJ-GC-Y-14-DD-18	1/2" FIP × 1/2" FIP	18"	25
DJ-GC-Y-14-DD-24	1/2" FIP × 1/2" FIP	24"	25
DJ-GC-Y-14-DD-30	1/2" FIP × 1/2" FIP	30"	25
DJ-GC-Y-14-DD-36	1/2" FIP × 1/2" FIP	36"	25
DJ-GC-Y-14-DD-48	1/2" FIP × 1/2" FIP	48"	25
DJ-GC-Y-14-DD-60	1/2" FIP × 1/2" FIP	60"	25
DJ-GC-Y-14-DD-72	1/2" FIP × 1/2" FIP	72"	25

1/4" ID (3/8" OD) MIP X FIP

DJ-GC-Y-14-AB-12	3/8" MIP × 3/8" FIP	12"	25
DJ-GC-Y-14-AB-18	3/8" MIP × 3/8" FIP	18"	25
DJ-GC-Y-14-AB-24	3/8" MIP × 3/8" FIP	24"	25
DJ-GC-Y-14-AB-30	3/8" MIP × 3/8" FIP	30"	25
DJ-GC-Y-14-AB-36	3/8" MIP × 3/8" FIP	36"	25
DJ-GC-Y-14-AB-48	3/8" MIP × 3/8" FIP	48"	25
DJ-GC-Y-14-AB-60	3/8" MIP × 3/8" FIP	60"	25
DJ-GC-Y-14-AB-72	3/8" MIP × 3/8" FIP	72"	25
DJ-GC-Y-14-AD-12	3/8" MIP × 1/2" FIP	12"	25
DJ-GC-Y-14-AD-18	3/8" MIP × 1/2" FIP	18"	25
DJ-GC-Y-14-AD-24	3/8" MIP × 1/2" FIP	24"	25
DJ-GC-Y-14-AD-30	3/8" MIP × 1/2" FIP	30"	25

Part Number	Description	Length	Q'ty
DJ-GC-Y-14-AD-36	3/8" MIP × 1/2" FIP	36"	25
DJ-GC-Y-14-AD-48	3/8" MIP × 1/2" FIP	48"	25
DJ-GC-Y-14-AD-60	3/8" MIP × 1/2" FIP	60"	25
DJ-GC-Y-14-AD-72	3/8" MIP × 1/2" FIP	72"	25
DJ-GC-Y-14-CD-12	1/2" MIP (3/8" FIP Tap) × 1/2" FIP	12"	25
DJ-GC-Y-14-CD-18	1/2" MIP (3/8" FIP Tap) × 1/2" FIP	18"	25
DJ-GC-Y-14-CD-24	1/2" MIP (3/8" FIP Tap) × 1/2" FIP	24"	25
DJ-GC-Y-14-CD-30	1/2" MIP (3/8" FIP Tap) × 1/2" FIP	30"	25
DJ-GC-Y-14-CD-36	1/2" MIP (3/8" FIP Tap) × 1/2" FIP	36"	25
DJ-GC-Y-14-CD-48	1/2" MIP (3/8" FIP Tap) × 1/2" FIP	48"	25
DJ-GC-Y-14-CD-60	1/2" MIP (3/8" FIP Tap) × 1/2" FIP	60"	25
DJ-GC-Y-14-CD-72	1/2" MIP (3/8" FIP Tap) × 1/2" FIP	72"	25

1/4" ID (3/8" OD) FIP X MIP

DJ-GC-Y-14-BC-12	3/8" FIP × 1/2" MIP (3/8" FIP Tap)	12"	25
DJ-GC-Y-14-BC-18	3/8" FIP × 1/2" MIP (3/8" FIP Tap)	18"	25
DJ-GC-Y-14-BC-24	3/8" FIP × 1/2" MIP (3/8" FIP Tap)	24"	25
DJ-GC-Y-14-BC-30	3/8" FIP × 1/2" MIP (3/8" FIP Tap)	30"	25
DJ-GC-Y-14-BC-36	3/8" FIP × 1/2" MIP (3/8" FIP Tap)	36"	25
DJ-GC-Y-14-BC-48	3/8" FIP × 1/2" MIP (3/8" FIP Tap)	48"	25
DJ-GC-Y-14-BC-60	3/8" FIP × 1/2" MIP (3/8" FIP Tap)	60"	25
DJ-GC-Y-14-BC-72	3/8" FIP × 1/2" MIP (3/8" FIP Tap)	72"	25

1/4" ID (3/8" OD) MIP X MIP

DJ-GC-Y-14-AA-12	3/8" MIP × 3/8" MIP	12"	25
DJ-GC-Y-14-AA-18	3/8" MIP × 3/8" MIP	18"	25
DJ-GC-Y-14-AA-24	3/8" MIP × 3/8" MIP	24"	25
DJ-GC-Y-14-AA-30	3/8" MIP × 3/8" MIP	30"	25
DJ-GC-Y-14-AA-36	3/8" MIP × 3/8" MIP	36"	25
DJ-GC-Y-14-AA-48	3/8" MIP × 3/8" MIP	48"	25
DJ-GC-Y-14-AA-60	3/8" MIP × 3/8" MIP	60"	25
DJ-GC-Y-14-AA-72	3/8" MIP × 3/8" MIP	72"	25
DJ-GC-Y-14-AC-12	3/8" MIP × 1/2" MIP (3/8" FIP Tap)	12"	25
DJ-GC-Y-14-AC-18	3/8" MIP × 1/2" MIP (3/8" FIP Tap)	18"	25
DJ-GC-Y-14-AC-24	3/8" MIP × 1/2" MIP (3/8" FIP Tap)	24"	25
DJ-GC-Y-14-AC-30	3/8" MIP × 1/2" MIP (3/8" FIP Tap)	30"	25
DJ-GC-Y-14-AC-36	3/8" MIP × 1/2" MIP (3/8" FIP Tap)	36"	25
DJ-GC-Y-14-AC-48	3/8" MIP × 1/2" MIP (3/8" FIP Tap)	48"	25
DJ-GC-Y-14-AC-60	3/8" MIP × 1/2" MIP (3/8" FIP Tap)	60"	25
DJ-GC-Y-14-AC-72	3/8" MIP × 1/2" MIP (3/8" FIP Tap)	72"	25

Part Number	Description	Length	Q'ty
DJ-GC-Y-14-CC-12	1/2" MIP (3/8" FIP Tap) × 1/2" MIP (3/8" FIP Tap)	12"	25
DJ-GC-Y-14-CC-18	1/2" MIP (3/8" FIP Tap) × 1/2" MIP (3/8" FIP Tap)	18"	25
DJ-GC-Y-14-CC-24	1/2" MIP (3/8" FIP Tap) × 1/2" MIP (3/8" FIP Tap)	24"	25
DJ-GC-Y-14-CC-30	1/2" MIP (3/8" FIP Tap) × 1/2" MIP (3/8" FIP Tap)	30"	25
DJ-GC-Y-14-CC-36	1/2" MIP (3/8" FIP Tap) × 1/2" MIP (3/8" FIP Tap)	36"	25
DJ-GC-Y-14-CC-48	1/2" MIP (3/8" FIP Tap) × 1/2" MIP (3/8" FIP Tap)	48"	25
DJ-GC-Y-14-CC-60	1/2" MIP (3/8" FIP Tap) × 1/2" MIP (3/8" FIP Tap)	60"	25
DJ-GC-Y-14-CC-72	1/2" MIP (3/8" FIP Tap) × 1/2" MIP (3/8" FIP Tap)	72"	25

3/8" ID (1/2" OD) FIP X FIP

DJ-GC-Y-38-BB-12	3/8" FIP × 3/8" FIP	12"	25
DJ-GC-Y-38-BB-18	3/8" FIP × 3/8" FIP	18"	25
DJ-GC-Y-38-BB-24	3/8" FIP × 3/8" FIP	24"	25
DJ-GC-Y-38-BB-30	3/8" FIP × 3/8" FIP	30"	25
DJ-GC-Y-38-BB-36	3/8" FIP × 3/8" FIP	36"	25
DJ-GC-Y-38-BB-48	3/8" FIP × 3/8" FIP	48"	25
DJ-GC-Y-38-BB-60	3/8" FIP × 3/8" FIP	60"	25
DJ-GC-Y-38-BB-72	3/8" FIP × 3/8" FIP	72"	25
DJ-GC-Y-38-BD-12	3/8" FIP × 1/2" FIP	12"	25
DJ-GC-Y-38-BD-18	3/8" FIP × 1/2" FIP	18"	25
DJ-GC-Y-38-BD-24	3/8" FIP × 1/2" FIP	24"	25
DJ-GC-Y-38-BD-30	3/8" FIP × 1/2" FIP	30"	25
DJ-GC-Y-38-BD-36	3/8" FIP × 1/2" FIP	36"	25
DJ-GC-Y-38-BD-48	3/8" FIP × 1/2" FIP	48"	25
DJ-GC-Y-38-BD-60	3/8" FIP × 1/2" FIP	60"	25
DJ-GC-Y-38-BD-72	3/8" FIP × 1/2" FIP	72"	25
DJ-GC-Y-38-DD-12	1/2" FIP × 1/2" FIP	12"	25
DJ-GC-Y-38-DD-18	1/2" FIP × 1/2" FIP	18"	25
DJ-GC-Y-38-DD-24	1/2" FIP × 1/2" FIP	24"	25
DJ-GC-Y-38-DD-30	1/2" FIP × 1/2" FIP	30"	25
DJ-GC-Y-38-DD-36	1/2" FIP × 1/2" FIP	36"	25
DJ-GC-Y-38-DD-48	1/2" FIP × 1/2" FIP	48"	25
DJ-GC-Y-38-DD-60	1/2" FIP × 1/2" FIP	60"	25
DJ-GC-Y-38-DD-72	1/2" FIP × 1/2" FIP	72"	25

3/8" ID (1/3" OD) FIP X MIP

DJ-GC-Y-38-DE-12	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	12"	25
DJ-GC-Y-38-DE-18	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	18"	25
DJ-GC-Y-38-DE-24	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	24"	25
DJ-GC-Y-38-DE-30	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	30"	25

Part Number	Description	Length	Q'ty
DJ-GC-Y-38-DE-36	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	36"	25
DJ-GC-Y-38-DE-48	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	48"	25
DJ-GC-Y-38-DE-60	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	60"	25
DJ-GC-Y-38-DE-72	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	72"	25
DJ-GC-Y-38-BC-12	3/8" FIP × 1/2" MIP (3/8" FIP Tap)	12"	25
DJ-GC-Y-38-BC-18	3/8" FIP × 1/2" MIP (3/8" FIP Tap)	18"	25
DJ-GC-Y-38-BC-24	3/8" FIP × 1/2" MIP (3/8" FIP Tap)	24"	25
DJ-GC-Y-38-BC-30	3/8" FIP × 1/2" MIP (3/8" FIP Tap)	30"	25
DJ-GC-Y-38-BC-36	3/8" FIP × 1/2" MIP (3/8" FIP Tap)	36"	25
DJ-GC-Y-38-BC-48	3/8" FIP × 1/2" MIP (3/8" FIP Tap)	48"	25
DJ-GC-Y-38-BC-60	3/8" FIP × 1/2" MIP (3/8" FIP Tap)	60"	25
DJ-GC-Y-38-BC-72	3/8" FIP × 1/2" MIP (3/8" FIP Tap)	72"	25

3/8" ID (1/4" OD) MIP X FIP

DJ-GC-Y-38-CD-12	1/2" MIP (3/8" FIP Tap) × 1/2" FIP	12"	25
DJ-GC-Y-38-CD-18	1/2" MIP (3/8" FIP Tap) × 1/2" FIP	18"	25
DJ-GC-Y-38-CD-24	1/2" MIP (3/8" FIP Tap) × 1/2" FIP	24"	25
DJ-GC-Y-38-CD-30	1/2" MIP (3/8" FIP Tap) × 1/2" FIP	30"	25
DJ-GC-Y-38-CD-36	1/2" MIP (3/8" FIP Tap) × 1/2" FIP	36"	25
DJ-GC-Y-38-CD-48	1/2" MIP (3/8" FIP Tap) × 1/2" FIP	48"	25
DJ-GC-Y-38-CD-60	1/2" MIP (3/8" FIP Tap) × 1/2" FIP	60"	25
DJ-GC-Y-38-CD-72	1/2" MIP (3/8" FIP Tap) × 1/2" FIP	72"	25

3/8" ID (1/5" OD) MIP X MIP

DJ-GC-Y-38-EE-12	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	12"	25
DJ-GC-Y-38-EE-18	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	18"	25
DJ-GC-Y-38-EE-24	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	24"	25
DJ-GC-Y-38-EE-30	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	30"	25
DJ-GC-Y-38-EE-36	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	36"	25
DJ-GC-Y-38-EE-48	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	48"	25
DJ-GC-Y-38-EE-60	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	60"	25
DJ-GC-Y-38-EE-72	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	72"	25
DJ-GC-Y-38-CC-12	1/2" MIP (3/8" FIP Tap) × 1/2" MIP (3/8" FIP Tap)	12"	25
DJ-GC-Y-38-CC-18	1/2" MIP (3/8" FIP Tap) × 1/2" MIP (3/8" FIP Tap)	18"	25
DJ-GC-Y-38-CC-24	1/2" MIP (3/8" FIP Tap) × 1/2" MIP (3/8" FIP Tap)	24"	25
DJ-GC-Y-38-CC-30	1/2" MIP (3/8" FIP Tap) × 1/2" MIP (3/8" FIP Tap)	30"	25
DJ-GC-Y-38-CC-36	1/2" MIP (3/8" FIP Tap) × 1/2" MIP (3/8" FIP Tap)	36"	25
DJ-GC-Y-38-CC-48	1/2" MIP (3/8" FIP Tap) × 1/2" MIP (3/8" FIP Tap)	48"	25
DJ-GC-Y-38-CC-60	1/2" MIP (3/8" FIP Tap) × 1/2" MIP (3/8" FIP Tap)	60"	25
DJ-GC-Y-38-CC-72	1/2" MIP (3/8" FIP Tap) × 1/2" MIP (3/8" FIP Tap)	72"	25

Part Number	Description	Length	Q'ty
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1/2" ID (3/4" OD) FIP X FIP

DJ-GC-Y-13-DD-12	1/2" FIP × 1/2" FIP	12"	25
DJ-GC-Y-13-DD-18	1/2" FIP × 1/2" FIP	18"	25
DJ-GC-Y-13-DD-24	1/2" FIP × 1/2" FIP	24"	25
DJ-GC-Y-13-DD-30	1/2" FIP × 1/2" FIP	30"	25
DJ-GC-Y-13-DD-36	1/2" FIP × 1/2" FIP	36"	25
DJ-GC-Y-13-DD-48	1/2" FIP × 1/2" FIP	48"	25
DJ-GC-Y-13-DD-60	1/2" FIP × 1/2" FIP	60"	25
DJ-GC-Y-13-DD-72	1/2" FIP × 1/2" FIP	72"	25
DJ-GC-Y-13-DF-12	1/2" FIP × 3/4" FIP	12"	25
DJ-GC-Y-13-DF-18	1/2" FIP × 3/4" FIP	18"	25
DJ-GC-Y-13-DF-24	1/2" FIP × 3/4" FIP	24"	25
DJ-GC-Y-13-DF-30	1/2" FIP × 3/4" FIP	30"	25
DJ-GC-Y-13-DF-36	1/2" FIP × 3/4" FIP	36"	25
DJ-GC-Y-13-DF-48	1/2" FIP × 3/4" FIP	48"	25
DJ-GC-Y-13-DF-60	1/2" FIP × 3/4" FIP	60"	25
DJ-GC-Y-13-DF-72	1/2" FIP × 3/4" FIP	72"	25
DJ-GC-Y-13-FF-12	3/4" FIP × 3/4" FIP	12"	25
DJ-GC-Y-13-FF-18	3/4" FIP × 3/4" FIP	18"	25
DJ-GC-Y-13-FF-24	3/4" FIP × 3/4" FIP	24"	25
DJ-GC-Y-13-FF-30	3/4" FIP × 3/4" FIP	30"	25
DJ-GC-Y-13-FF-36	3/4" FIP × 3/4" FIP	36"	25
DJ-GC-Y-13-FF-48	3/4" FIP × 3/4" FIP	48"	25
DJ-GC-Y-13-FF-60	3/4" FIP × 3/4" FIP	60"	25
DJ-GC-Y-13-FF-72	3/4" FIP × 3/4" FIP	72"	25

1/2" ID (3/4" OD) FIP X MIP

DJ-GC-Y-13-DE-12	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	12"	25
DJ-GC-Y-13-DE-18	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	18"	25
DJ-GC-Y-13-DE-24	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	24"	25
DJ-GC-Y-13-DE-30	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	30"	25
DJ-GC-Y-13-DE-36	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	36"	25
DJ-GC-Y-13-DE-48	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	48"	25
DJ-GC-Y-13-DE-60	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	60"	25
DJ-GC-Y-13-DE-72	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	72"	25

1/2" ID (3/4" OD) MIP X FIP

DJ-GC-Y-13-DE-12	3/4" MIP (1/2" FIP Tap) × 3/4" FIP	12"	25
DJ-GC-Y-13-DE-18	3/4" MIP (1/2" FIP Tap) × 3/4" FIP	18"	25

Part Number	Description	Length	Q'ty
DJ-GC-Y-13-DE-24	3/4" MIP (1/2" FIP Tap) × 3/4" FIP	24"	25
DJ-GC-Y-13-DE-30	3/4" MIP (1/2" FIP Tap) × 3/4" FIP	30"	25
DJ-GC-Y-13-DE-36	3/4" MIP (1/2" FIP Tap) × 3/4" FIP	36"	25
DJ-GC-Y-13-DE-48	3/4" MIP (1/2" FIP Tap) × 3/4" FIP	48"	25
DJ-GC-Y-13-DE-60	3/4" MIP (1/2" FIP Tap) × 3/4" FIP	60"	25
DJ-GC-Y-13-DE-72	3/4" MIP (1/2" FIP Tap) × 3/4" FIP	72"	25

1/2" ID (3/4" OD) MIP X MIP

DJ-GC-Y-13-EE-12	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	12"	25
DJ-GC-Y-13-EE-18	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	18"	25
DJ-GC-Y-13-EE-24	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	24"	25
DJ-GC-Y-13-EE-30	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	30"	25
DJ-GC-Y-13-EE-36	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	36"	25
DJ-GC-Y-13-EE-48	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	48"	25
DJ-GC-Y-13-EE-60	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	60"	25
DJ-GC-Y-13-EE-72	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	72"	25

3/4" ID (1" OD) FIP X FIP

DJ-GC-Y-34-DD-12	1/2" FIP × 1/2" FIP	12"	25
DJ-GC-Y-34-DD-18	1/2" FIP × 1/2" FIP	18"	25
DJ-GC-Y-34-DD-24	1/2" FIP × 1/2" FIP	24"	25
DJ-GC-Y-34-DD-30	1/2" FIP × 1/2" FIP	30"	25
DJ-GC-Y-34-DD-36	1/2" FIP × 1/2" FIP	36"	25
DJ-GC-Y-34-DD-48	1/2" FIP × 1/2" FIP	48"	25
DJ-GC-Y-34-DD-60	1/2" FIP × 1/2" FIP	60"	25
DJ-GC-Y-34-DD-72	1/2" FIP × 1/2" FIP	72"	25
DJ-GC-Y-34-DF-12	1/2" FIP × 3/4" FIP	12"	25
DJ-GC-Y-34-DF-18	1/2" FIP × 3/4" FIP	18"	25
DJ-GC-Y-34-DF-24	1/2" FIP × 3/4" FIP	24"	25
DJ-GC-Y-34-DF-30	1/2" FIP × 3/4" FIP	30"	25
DJ-GC-Y-34-DF-36	1/2" FIP × 3/4" FIP	36"	25
DJ-GC-Y-34-DF-48	1/2" FIP × 3/4" FIP	48"	25
DJ-GC-Y-34-DF-60	1/2" FIP × 3/4" FIP	60"	25
DJ-GC-Y-34-DF-72	1/2" FIP × 3/4" FIP	72"	25
DJ-GC-Y-34-FF-12	3/4" FIP × 3/4" FIP	12"	25
DJ-GC-Y-34-FF-18	3/4" FIP × 3/4" FIP	18"	25
DJ-GC-Y-34-FF-24	3/4" FIP × 3/4" FIP	24"	25
DJ-GC-Y-34-FF-30	3/4" FIP × 3/4" FIP	30"	25
DJ-GC-Y-34-FF-36	3/4" FIP × 3/4" FIP	36"	25
DJ-GC-Y-34-FF-48	3/4" FIP × 3/4" FIP	48"	25

Part Number	Description	Length	Q'ty
DJ-GC-Y-34-FF-60	3/4" FIP × 3/4" FIP	60"	25
DJ-GC-Y-34-FF-72	3/4" FIP × 3/4" FIP	72"	25

3/4" ID (1" OD) FIP X MIP

DJ-GC-Y-34-DE-12	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	12"	25
DJ-GC-Y-34-DE-18	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	18"	25
DJ-GC-Y-34-DE-24	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	24"	25
DJ-GC-Y-34-DE-30	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	30"	25
DJ-GC-Y-34-DE-36	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	36"	25
DJ-GC-Y-34-DE-48	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	48"	25
DJ-GC-Y-34-DE-60	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	60"	25
DJ-GC-Y-34-DE-72	1/2" FIP × 3/4" MIP (1/2" FIP Tap)	72"	25

3/4" ID (1" OD) MIP X FIP

DJ-GC-Y-34-EF-12	3/4" MIP (1/2" FIP Tap) × 3/4" FIP	12"	25
DJ-GC-Y-34-EF-18	3/4" MIP (1/2" FIP Tap) × 3/4" FIP	18"	25
DJ-GC-Y-34-EF-24	3/4" MIP (1/2" FIP Tap) × 3/4" FIP	24"	25
DJ-GC-Y-34-EF-30	3/4" MIP (1/2" FIP Tap) × 3/4" FIP	30"	25
DJ-GC-Y-34-EF-36	3/4" MIP (1/2" FIP Tap) × 3/4" FIP	36"	25
DJ-GC-Y-34-EF-48	3/4" MIP (1/2" FIP Tap) × 3/4" FIP	48"	25
DJ-GC-Y-34-EF-60	3/4" MIP (1/2" FIP Tap) × 3/4" FIP	60"	25
DJ-GC-Y-34-EF-72	3/4" MIP (1/2" FIP Tap) × 3/4" FIP	72"	25

3/4" ID (1" OD) MIP X MIP

DJ-GC-Y-34-EE-12	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	12"	25
DJ-GC-Y-34-EE-18	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	18"	25
DJ-GC-Y-34-EE-24	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	24"	25
DJ-GC-Y-34-EE-30	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	30"	25
DJ-GC-Y-34-EE-36	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	36"	25
DJ-GC-Y-34-EE-48	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	48"	25
DJ-GC-Y-34-EE-60	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	60"	25
DJ-GC-Y-34-EE-72	3/4" MIP (1/2" FIP Tap) × 3/4" MIP (1/2" FIP Tap)	72"	25



Certificates

Product License Approvals



Certificate of product-specific approved exporter



MEMO

Thank you for your interested in DAEJIN SANUP CO.
We look forward to build trusted partnership with you



DAEJIN SANUP Co.

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