



**Description**

Concealed auxiliary inlet connection with 500 GPM minimum inlet capacity to supplement Fire Protection water supply.  
Cast brass two-way inlet body with double drop clappers; the A102 inlet connection body can serve as bottom or top feed by changing clappers.

**Use**

The Fire Department Concealed Connection is an important component in most sprinkler and standpipe systems.  
When a sprinkler system activates, the fire department connects hose lines from a pumper truck to the fire department connection.  
This connection allows the fire department to supplement the fire protection system in the event of a fire.

**Versions and product codes**

Series	Size	Type	Finishing
A101 BACK OUTLET	4" x 2-1/2"	NPT outlet (F) X NPT inlets (F)	Rough brass
	4" x 3"		
	6" x 2-1/2"		
	6" x 3"		
A102 BOTTOM TOP OUTLET	4" x 2-1/2"	NPT outlet (F) X NPT inlets (F)	Rough brass
	4" x 3"		
	6" x 2-1/2"		
	6" x 3"		
A101G BACK OUTLET	4" x 2-1/2"	Groove outlet (F) X NPT inlets (F)	Rough brass
	4" x 3"		
	6" x 2-1/2"		
A102G BOTTOM TOP OUTLET	4" x 2-1/2"	Groove outlet (F) X NPT inlets (F)	Rough brass
	4" x 3"		
	6" x 2-1/2"		

**Technical data**

- Maximum rated pressure: 300 PSI (20,6 bar)

**Materials**

- Body: casted brass CuZn37Pb2Ni1AlFe-B in accordance with European Standard UNI EN1982-2000 CB753S, corresponding to American Standard ASTM B30 C85700
- Tensile strength of the material in the shape of bar: min. 300 MPa
- Stress for permanent distortion R(0.2): min. 150 MPa
- Elongation: min. 15 %

**Approvals for A101**

4" x 2-1/2": LISTED 166Y 166Y  
175 PSI

4" x 3": APPROVED LISTED 166Y  
300 PSI 175 PSI

6" x 2-1/2": APPROVED LISTED 166Y  
175 PSI

6" x 3": LISTED 166Y 166Y  
175 PSI

**Approvals for A102**

4" x 2-1/2": LISTED 166Y 166Y  
175 PSI

4" x 3": APPROVED LISTED 166Y  
300 PSI 175 PSI

6" x 2-1/2": APPROVED LISTED 166Y  
175 PSI

6" x 3": LISTED 166Y 166Y  
175 PSI

**Approvals for A101G**

4" x 2-1/2": LISTED 166Y 166Y  
175 PSI

4" x 3": APPROVED LISTED 166Y  
300 PSI 175 PSI

6" x 2-1/2": APPROVED LISTED 166Y  
175 PSI

**Approvals for A102G**

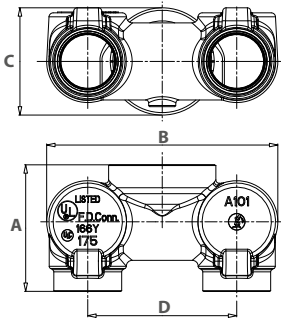
4" x 2-1/2": LISTED 166Y 166Y  
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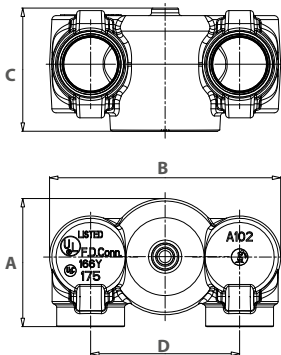
**Dimensions**

**A101 – TWO HOSE THREAD INLETS (F) x NPT OUTLET (F) BACK**  
**A101G – NPT INLETS (F) x GROOVE OUTLET (F) BACK**



Size	A	B	C	D
4" x 2-1/2"	5-61/64"	10-55/64"	3-3/64"	7"
4" x 3"	6-31/64"	12-1/16"	5-19/64"	7-5/8"
6" x 2-1/2"	8-19/64"	11-31/64"	7-3/32"	7-5/8"
6" x 3"	6-57/64"	12-7/64"	7-1/2"	7-19/32"
4"Groove x 2-1/2"	7-17/64"	10-55/64"	5-1/32"	7"
4"Groove x 3"	7-51/64"	12-3/64"	5-1/32"	7-5/8"
6"Groove x 2-1/2"	7-18/32"	11-15/32"	7-3/32"	7-5/8"

**A102 – TWO HOSE THREAD INLETS (F) x NPT OUTLET (F) BOTTOM-TOP**  
**A102G - NPT INLETS (F) x GROOVE OUTLET (F) BOTTOM-TOP**



Size	A	B	C	D
4" x 2-1/2"	6-1/64"	10-55/64"	5-25/32"	7"
4" x 3"	6-1/2"	12-1/16"	6-9/32"	7-5/8"
6" x 2-1/2"	8-39/64"	12-15/32"	6-21/64"	7-5/8"
6" x 3"	9-3/16"	12"	6-3/4"	7-5/8"
4"Groove x 2-1/2"	6-1/64"	10-55/64"	7-31/64"	7"
4"Groove x 3"	6-3/64"	12-3/64"	7-31/32"	7-5/8"
6"Groove x 2-1/2"	8-39/64"	12-15/32"	6-61/64"	7-5/8"

**Product specifications**

**A101 4" x 2-1/2"**

Fire Department Inlet Connection, two f-way female inlet body with female outlet, back connection, double back clappers with main feature as following:

- Casted brass
- 4" female NPT outlet
- 2-1/2" female NPT inlets
- Minimum inlet capacity 500 GPM
- UL listed Rated pressure 175 psi
- ULC listed Rated pressure 175 psi

**A101 4" x 3"**

Fire Department Inlet Connection, two f-way female inlet body with female outlet, back connection, double back clappers with main feature as following:

- Casted brass
- 4" female NPT outlet
- 3" female NPT inlets
- Minimum inlet capacity 500 GPM
- FM listed Rated pressure 300 psi
- UL listed Rated pressure 175 psi

**A101 6" x 2-1/2"**

Fire Department Inlet Connection, two f-way female inlet body with female outlet, back connection, double back clappers with main feature as following:

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- ULC listed Rated pressure 175 psi

**A102 4" x 2-1/2"**

Fire Department Inlet Connection, two f-way female inlet body with female outlet, bottom-top connection, double back clappers with main feature as following:

- Casted brass
- 4" female NPT outlet
- 2-1/2" female NPT inlets
- Minimum inlet capacity 500 GPM
- UL listed Rated pressure 175 psi
- ULC listed Rated pressure 175 psi

**A102 4" x 3"**

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- UL listed Rated pressure 175 psi



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- Minimum inlet capacity 500 GPM
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- UL listed Rated pressure 175 psi

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- Casted brass
- 6" female NPT outlet
- 3" female NPT inlets
- UL listed Rated pressure 175 psi
- ULC listed Rated pressure 175 psi

**A101G 4" x 2-1/2"**

Fire Department Inlet Connection, two f-way female inlet body with Groove outlet, back connection, double back clappers with main feature as following:

- Casted brass
- 4" Groove outlet
- 2-1/2" female NPT inlets
- Minimum inlet capacity 500 GPM
- UL listed Rated pressure 175 psi
- ULC listed Rated pressure 175 psi

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Fire Department Inlet Connection, two f-way female inlet body with Groove outlet, back connection, double back clappers with main feature as following:

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Fire Department Inlet Connection, two f-way female inlet body with Groove outlet, bottom-top connection, double back clappers with main feature as following:

- Casted brass
- 6" Groove outlet
- 2-1/2" female NPT inlets
- Minimum inlet capacity 500 GPM
- FM listed Rated pressure 175 psi
- UL listed Rated pressure 175 psi

**Additional information**

For additional information please check the website [www.giacomini.com](http://www.giacomini.com) or contact the technical service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ [consulenza.prodotti@giacomini.com](mailto:consulenza.prodotti@giacomini.com)  
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