

## Sight Glass Fig. 08-530



### Specifications

**Type:**

Cast Sight Glass

**Material:**

Body: Brass\* Alloy  
Windows: Polycarbonate

**Finish:**

Rough Brass\*

**Sizes and Configurations:**

- 08-529-00 1" IPS, MxF
- 08-530-00 1" IPS, 1/2" Orifice, FxF
- 08-531-00 1 1/4" IPS, MxF
- 08-532-00 1" IPS, 17/32" Orifice, FxF
- 08-533-00 1 1/2" IPS, FxF
- 08-535-00 2" IPS, FxF

\* Contains lead. Not for use in water systems intended for human consumption.

### Description

Fire Protection Products' Sight Glass are cast from high quality brass\* alloy. This assures lasting performance and serviceability. Available in both "full flow" and "restricted orifice" design. Flow can be viewed through two high impact Lexan (polycarbonate) windows on either side of the sight glass. All models feature male by female thread patterns for easy "in line" installation. The "full flow" design is suitable for system flow verification. The restricted orifice types can be used to simulate system sprinkler head flow which can be viewed through either window. Not designed to be used under pressure.

### Installation

Installation can be made using readily available field tools and materials. Apply a suitable pipe thread sealant to the either the male or female threads. The brass sight glass with the restricted orifice must be installed so the direction of flow is from the female thread to the male thread. This allows the restricted stream to be viewed through the Lexan (polycarbonate) windows. The unrestricted models may be installed in either direction, however, they should be installed consistent with industry standards. The sight glass threads have been machined according to standard iron pipe thread specifications. Installation is similar to other threaded fittings. Caution: Do not over tighten. Over tightening will cause the sight glass fitting to crack.

### Approximate Sight Glass Dimensions

		Take Out	Width	Depth
08-529-00	Sight Glass, 1" MxF	3.93"	2.45"	2.68"
08-530-00	Sight Glass, 1" FxF, 1/2" Orifice	3.93"	2.45"	2.68"
08-531-00	Sight Glass MxF	3.86"	2.38"	2.71"
08-532-00	Sight Glass, 1" FxF, 17/32" Orf	3.93"	2.45"	2.68"
08-533-00	Sight Glass, 1 1/2" FxF	3.26"	2.26"	3.13"
08-535-00	Sight Glass, 2" FxF	3.397"	2.85"	3.7"

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PROJECT INFORMATION	APPROVAL STAMP
Project:	Approved
Address:	Approved as noted
Contractor:	Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	