AG SERIES

Guards for sprinklers
Pendents and uprights







PRODUCT DESCRIPTION

Sprinkler guards are designed to be positioned with sprinklers installed. They are fabricated from welded steel and finished with a decorative and protective coating.

The guards have the function of protecting the sprinklers in places where they may be exposed to physical damage.

The guards can be fitted with or without a water-resistant plate depending on the installation location. Normally all sprinklers that are installed in an intermediate position are provided with water-resistant plates.

Water-resistant plates for pendent sprinklers should be installed before sprinklers are installed.

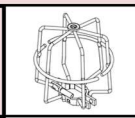
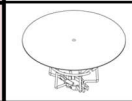
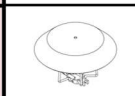
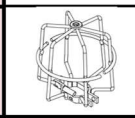
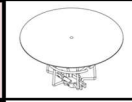
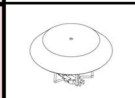
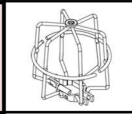
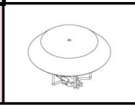
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TECHNICAL DATA

Materials	Guard: • Steel rod. • Decorative and protective coating. Shield: • Galvanized Steel.
Reference	AGA1 AG1FSA AG1CSA AGB1 AG1FSB AG1CSB AGC1 AG1FSC AG1CSC

APPROVALS

The following are the approvals that the guards has successfully passed.

GUARD MODEL		SIN	ORIENTATION	K-FACTOR [(gpm/psi^1/2) / (lpm/bar^1/2)]	RESPONSE	THREAD SIZE	SHIELD/TYPE	APPROVALLS
AGA1		GA1111	PENDENT	5.6 / 80	STANDARD	1/2"	N/A	UL/FM
		GA5661	UPRIGHT	5.6 / 80	STANDARD	1/2"	N/A	UL/FM
		GA1212	PENDENT	5.6 / 80	QUICK	1/2"	N/A	UL/FM
		GA5615	UPRIGHT	5.6 / 80	QUICK	1/2"	N/A	UL/FM
AG1FSA		GA5661	UPRIGHT	5.6 / 80	STANDARD	1/2"	FLAT	UL/FM
		GA5615	UPRIGHT	5.6 / 80	QUICK	1/2"	FLAT	UL/FM
AG1CSA		GA5661	UPRIGHT	5.6 / 80	STANDARD	1/2"	CURVED	UL/FM
		GA5615	UPRIGHT	5.6 / 80	QUICK	1/2"	CURVED	UL/FM
AGB1		GA8156	PENDENT	8.0 / 115	STANDARD	3/4"	N/A	UL/FM
		GA8164	UPRIGHT	8.0 / 115	STANDARD	3/4"	N/A	UL/FM
		GA8106	PENDENT	8.0 / 115	QUICK	3/4"	N/A	UL/FM
		GA8118	UPRIGHT	8.0 / 115	QUICK	3/4"	N/A	UL/FM
AG1FSB		GA8164	UPRIGHT	8.0 / 115	STANDARD	3/4"	FLAT	UL/FM
		GA8118	UPRIGHT	8.0 / 115	QUICK	3/4"	FLAT	UL/FM
AG1CSB		GA8164	UPRIGHT	8.0 / 115	STANDARD	3/4"	CURVED	UL/FM
		GA8118	UPRIGHT	8.0 / 115	QUICK	3/4"	CURVED	UL/FM
AGC1		GA1160	PENDENT	11.2 / 160	STANDARD	3/4"	N/A	UL
		GA1167	UPRIGHT	11.2 / 160	STANDARD	3/4"	N/A	UL
		GA1114	PENDENT	11.2 / 160	QUICK	3/4"	N/A	UL
		GA1123	UPRIGHT	11.2 / 160	QUICK	3/4"	N/A	UL
AG1FSC		GA1167	UPRIGHT	11.2 / 160	STANDARD	3/4"	FLAT	UL
		GA1123	UPRIGHT	11.2 / 160	QUICK	3/4"	FLAT	UL
AG1CSC		GA1167	UPRIGHT	11.2 / 160	STANDARD	3/4"	CURVED	UL
		GA1123	UPRIGHT	11.2 / 160	QUICK	3/4"	CURVED	UL

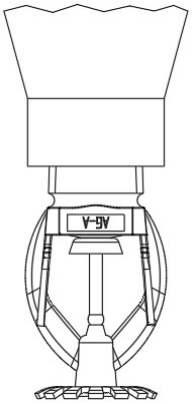
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INSTALLATION

The different steps to be followed to install a guard in a pendent Sprinkler will be explained:

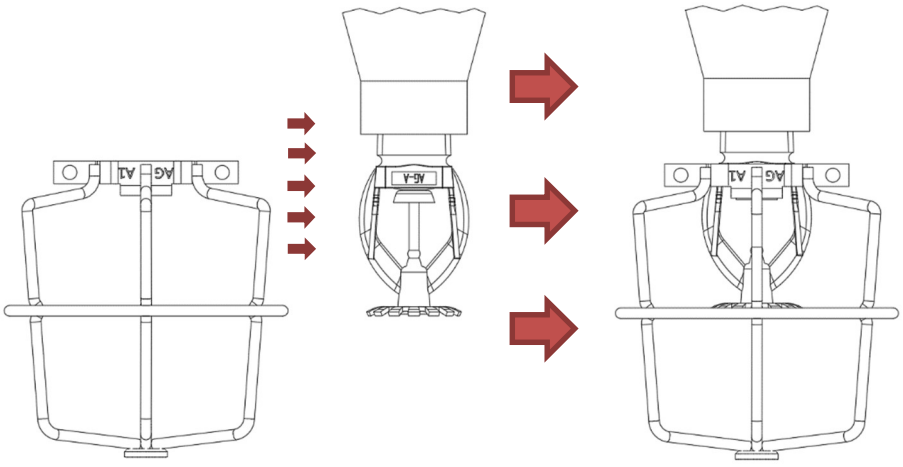
Step 1:

First, the Sprinkler must be installed in the facility in accordance with the Sprinkler data sheet.



Step2:

Install the guard on the Sprinkler very carefully, inserting the guard so that the guard bases are parallel to the arms of the Sprinkler, thus avoiding any collisions. Below, you can see in the picture the direction to install the guard.

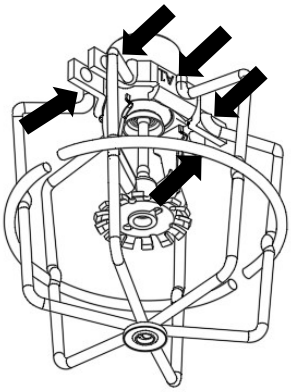


Note: do not hit at any time with the Sprinkler, if a collision occurs, remove the Sprinkler and install a new one. Do not force the guard when installing it on the Sprinkler.

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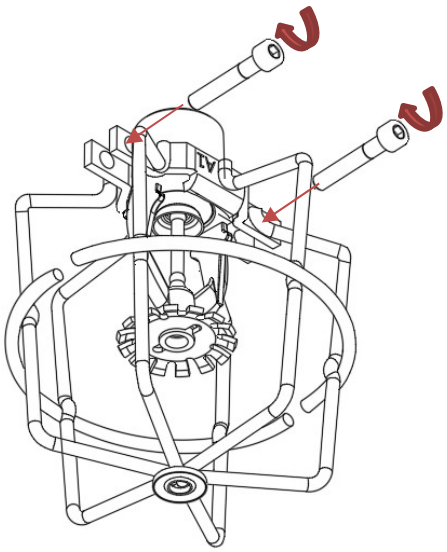
Step 3:

Seat the guard bases on the Sprinkler so that the guard is positioned in its final position.



Step 4:

Screw the guard bases with the screws provided. Tighten to a torque between (0.7N - 0.8N).
Check that the guard is perfectly adjusted to the Sprinkler.

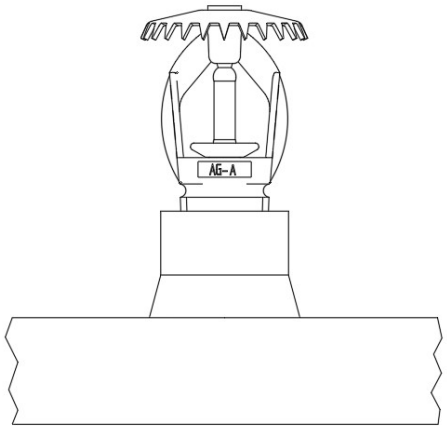


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The different steps to be followed to install a cage in an upright sprinkler will be explained.

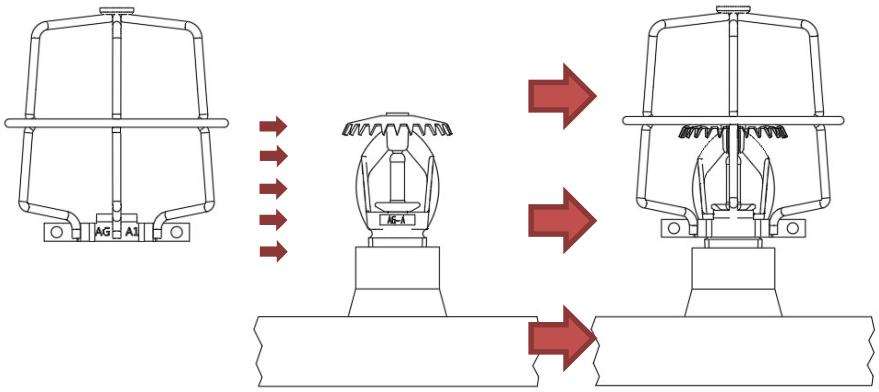
Step 1:

First, the Sprinkler must be installed in the facility in accordance with the Sprinkler data sheet.



Step2:

Install the guard on the Sprinkler very carefully, inserting the guard so that the guard bases are parallel to the arms of the Sprinkler, thus avoiding any collisions. Below, you can see in the picture the direction to install the cage.

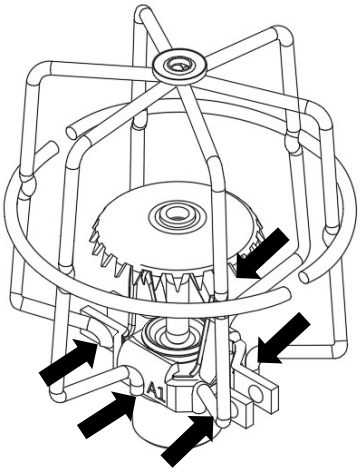


Note: do not hit at any time with the Sprinkler, if a collision occurs, remove the Sprinkler and install a new one. Do not force the guard when installing it on the Sprinkler.

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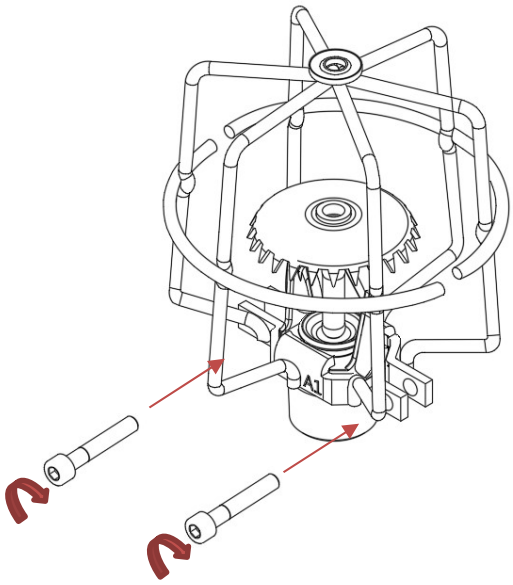
Step 3:

Seat the guard bases on the Sprinkler so that the guard remains positioned in its final position.



Step 4:

Screw the guard bases with the screws provided. Tighten to a torque between (0.7N - 0.8N).
Check that the guard is perfectly adjusted to the Sprinkler.



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MAINTENANCE

Guards and shields should be inspected and maintained in accordance with the relevant standards with respect to their approvals (refer to the relevant data sheet).

Do not clean guards with soap and water, ammonia or any other cleaning liquid that may be corrosive.

Remove dust with a soft vacuum cleaner.

If it is necessary to paint the room where the guards are to be installed, paint the room before installing the guards.

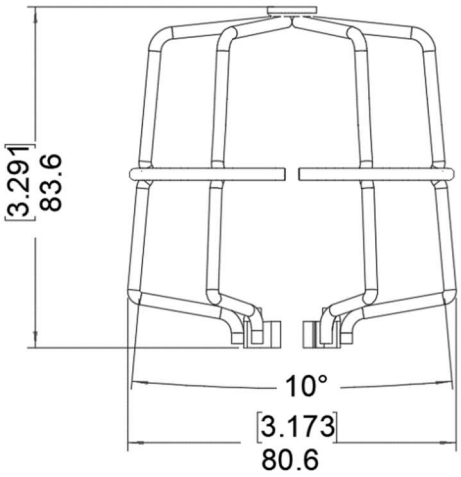
Guards showing visible signs of corrosion should be replaced.

Guards damaged by dropping, banging, twisting, sliding or similar should be replaced.

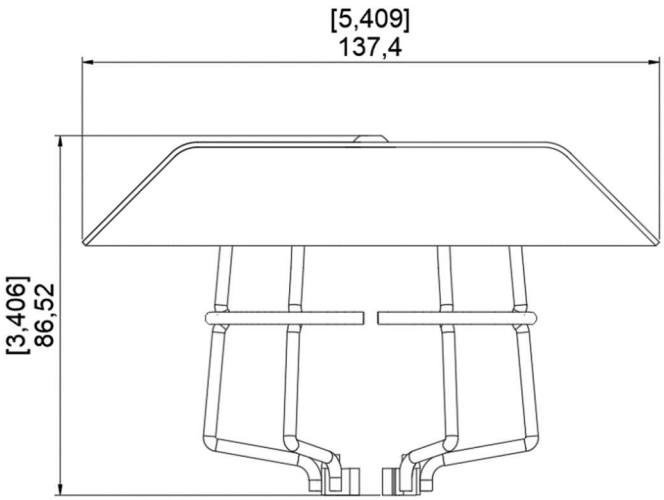
A stock of spare cages should be maintained to allow rapid replacement of damaged cages.

DIMENSIONS

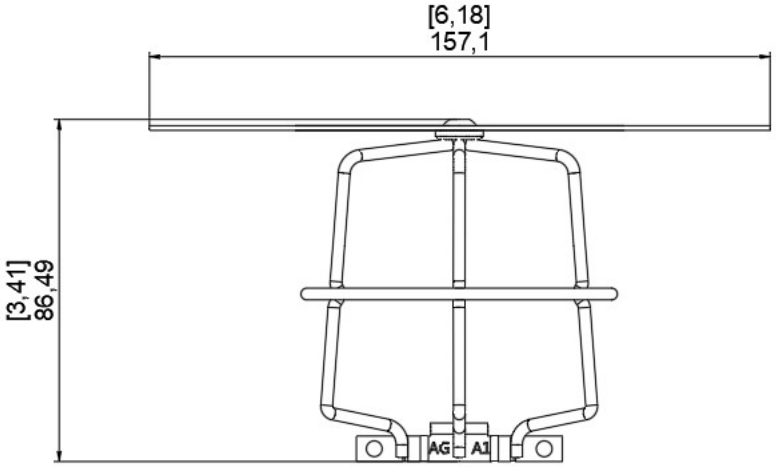
Models: AGA1 / AGB1 / AGC1



Models: AG1CSA / AG1CSB / AG1CSC



Models: AG1FSA / AG1FSB / AG1FSC



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ORDERING INFORMATION

P/N (GUARD)	AGXX / AGXXXX

DESCRIPTION	CODE
Guard	AGA1
	AG1FSA
	AG1CSA
	AGB1
	AG1FSB
	AG1CSB
	AGC1
	AG1FSC
	AG1CSC

Specify:

Model of guard	

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AG FIRE SPRINKLER

AG Fire Sprinkler offers a wide selection of components. Then a list of products is presented by AG Fire Sprinkler, we can offer all these components, made with precision to protect people, anywhere, anytime.

- **Sprinklers**
  - Standard Coverage
  - Extended Coverage
  - Storage
  - Dry
  - Accessories




- **System Valves**
  - Wet
  - Dry
  - Preaction Equipment
  - Accessories




- **Spray System Open Nozzles**
  - High Velocity Nozzles
  - Medium Velocity Nozzles
  - Window Nozzles
  - Hydroshield Nozzles
  - Mushroom Type Nozzles





- **Foam equipment**
  - Tanks
  - Proportioners
  - Foam Discharge Equipment
  - Foam Concentrates




- **Deluge equipment for Water Spray and Foam**
  - Clapper Deluge Valves
  - Diaphragm Deluge Valves




- **Monitors**
  - Manual Monitors
  - Remote Monitors
  - Monitor Nozzles
  - Towers and Trolleys




- **Valves**
  - Butterfly Valves
  - Gate Valves
  - Check Valves
  - Pressure Control Valves
  - Test and Drain
  - Hose, Hydrant and Fire Connection Valves
  - Fire Department Connections




The equipment presented in this bulletin is to be installed in accordance with the latest published Standard of the National Fire Protection Association, Factory Mutual Research Corporation, or other similar organizations and also with the provisions of governmental codes or ordinances whenever applicable.
This documentation is not contractual. AG Fire Sprinkler reserves the right to any kind of change without notice.

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