

COLLECT_{AN}DRAIN[®]

Model 5900

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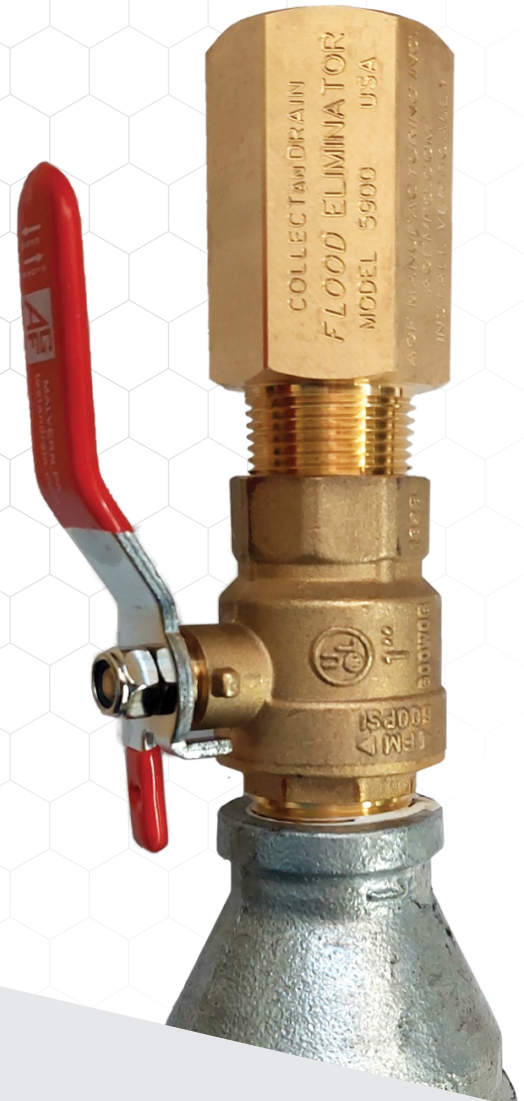
Flood Eliminator

Any auxiliary drain not located in a conditioned environment, or not being constantly monitored and maintained can, and will, likely fail. Repairing the system can cost thousands of dollars, cleaning up the mess and fixing the damage that results from a broken auxiliary drain can cost multiple thousands more. To limit the negative impact of a failed auxiliary drain AGF created the Model 5900 Flood Eliminator. The Model 5900 allows condensate water to collect normally in a standard auxiliary drain. The pressurized flow that results from a failed auxiliary drain automatically trips the Model 5900 Flood Eliminator to limit that flow and the resulting flood damage. Closing the dry valve and reducing internal pressure in preparation for making system repairs will allow the Flood Eliminator to drain any remaining system water and reset itself.

Features:

- Stops Flooding caused by Auxiliary Drain (drum drips) and Low-Point Drain Breaks due to Freezing, Improper Maintenance, or Vandalism
- For Dry and Pre-Action Systems
- Compatible with Compressed Air and Nitrogen Systems
- No Power Required
- Automatically Resets after System Repair
- Retrofit onto Existing Auxiliary Drains and Low-Point Drains
- 3½" Machined Solid Brass Body
- Corrosion-Proof Copper, Stainless Steel, and Engineered Polymer Internal Components
- 1" NPT Female Inlet and 1" Male Outlet
- Made in the USA
- Patent Pending

The AGF COLLECT_{AN}DRAIN family of products are auxiliary drains (also called drum drips, low-point drains, or condensation collecting assemblies) and accessories available in several configurations to meet and exceed the sections of NFPA 13 and NFPA 25 addressing drainage in dry and pre-action sprinkler systems.



Reliability, Versatility, Code Compatibility

Model 5900 Flood Eliminator Retrofit

The Model 5900FE can be easily retro-fitted onto existing auxiliary drains. The Model 5900FE is designed to be installed upstream (above) the first valve of a traditional auxiliary drain assembly, in a vertical position. Therefore, it is necessary to close the dry valve and remove the auxiliary drain assembly. Since the 5900FE is only 3½" long it shouldn't be necessary to shorten or remove any existing pipe. Old thread sealant should be removed from all pipe thread and from the auxiliary drain valve, and appropriate new sealant should be applied to all connection points. The 5900FE needs to be installed vertically in the direction indicated on the body.



Frequently Asked Questions

Q: Can the Flood Eliminator be added to my existing auxiliary drain?

A: Yes, a Flood Eliminator can be easily retrofitted onto any existing auxiliary drain. It should be installed immediately upstream (above) the first valve of a traditional auxiliary drain assembly configuration.

Q: Does the Flood Eliminator prevent auxiliary drains from breaking due to freezing water?

A: The smallest amount of water left in a auxiliary drain can result if the failure of an auxiliary drain, the FE is not intended to prevent accumulated condensation from freezing. AGF offers other products that will either alert you to the presence of water in an auxiliary drain or prevent water in a drain from freezing. The FE is designed to prevent the flooding and other damage that would result from a frozen and broken auxiliary drain.

Q: Does the Flood Eliminator require power?

A: The FE is a mechanical devise, and it does not require any power source.

Q: If I have a Flood Eliminator installed and I have a break will I need to replace the Flood Eliminator when I repair the broken auxiliary drain?

A: No after water has been drained from the system, the broken auxiliary drain has been repaired or replaced and the dry valve has been reset the FE will reset itself to offer protection against future breaks.

Q: Can AGF COLLECT_{AN}DRAIN auxiliary drains be supplied with the Flood Eliminator already installed?

A: Yes, any of the auxiliary drains offered in the COLLECT_{AN}DRAIN product line, such as the Models 5100s, 5200s, 5300s, 5400s and 5500s, can be ordered with the Model 5900FE already attached, just tell your AGF Distributor to order for you.

Q: Where is the best place to install the Flood Eliminator?

A: The Model 5900 Flood Eliminator needs to be installed vertically and there should never be any sprinklers downstream of its installation location. An ideal location is immediately upstream of (just above) any auxiliary drain (drum drip) assembly or low point drain valve.

Q: Can the Flood Eliminator be used with Nitrogen systems?

A: Yes, the Flood Eliminator has been engineered to be compatible with dry and pre-action systems using standard compressed air and with dry and pre-action systems using Nitrogen.

Q: How much water will flow through the Flood Eliminator prior to it stopping a flood?

A: The Flood Eliminator when exposed to the pressurized flow that would be the result of system failure and dry valve release, will activate almost immediately resulting in a flow of system water that can be measured in ounces. After activation the Flood Eliminator will initiate a limited controlled flow through the auxiliary drain to aid in identifying the broken drain.



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