

# COLLECT<sub>AND</sub>DRAIN<sup>®</sup>

## Model 5900

QUALITY COMPONENTS FOR FIRE SPRINKLER SYSTEMS

### FLOOD<sub>ELIMINATOR</sub>

The COLLECT<sub>AND</sub>DRAIN FLOOD<sub>ELIMINATOR</sub> Model 5900 protects facilities from excessive flooding when a fire sprinkler system's auxiliary drain (drum drip, low-point drain) fails due to freezing, improper maintenance, or vandalism.

The Model 5900 is a 3½" machined, brass pipe fitting with a 1" NPT female inlet, 1" NPT male outlet, and engineered polymer internal components. The Model 5900 fits directly onto the auxiliary drain's supply valve and does not require power. When confronted with a pressurized flow of water from a tripped dry valve the internal components are forced closed, shutting down any excessive flow of water out of the faulty auxiliary drain. This limits unnecessary flooding into the facility. The Model 5900 will automatically reset itself when the system is drained, the auxiliary drain is fixed, and the system is returned to normal operation.

The FLOOD<sub>ELIMINATOR</sub> Model 5900 is compatible with dry or pre-action fire sprinkler systems, compressed air or nitrogen systems, and can be retrofitted onto existing fire sprinkler system auxiliary drains.

### Features

- Stops Excess Flooding from Broken, Improperly Maintained, or Vandalized Auxiliary Drains
- No Power Required
- Automatically Resets
- For Use on Dry and Pre-Action Systems
- For Use on Compressed Air or Nitrogen Systems
- Retrofit or New Construction
- Corrosion Proof
- Polymer Internal Components
- Made in the USA



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## Dimensions



## Retrofitting the Model 5900

The COLLECT<sub>AN</sub>DRAIN *FLOODELIMINATOR* Model 5900 can be easily retrofitted onto an existing auxiliary drain (drum drip, low-point drain). To retrofit the Model 5900 close the system's dry valve and remove the auxiliary drain from the system. Remove any old thread sealant and apply new thread sealant to all system connection points. Thread the Model 5900 into the supply valve of the auxiliary drain in the vertical position, in the direction indicated on the body. Then, thread the system pipe into the Model 5900. Make sure the auxiliary drain supply valve is open and the drain valve is closed and return the system to normal operation.

## Frequently Asked Questions

**Q: Can a *FLOODELIMINATOR* be added to my existing auxiliary drain?**

A: Yes, it can be retrofitted onto any existing auxiliary drain (drum drip, low-point drain).

**Q: Where is the best place to install the *FLOODELIMINATOR*?**

A: The ideal location is onto the auxiliary drain's supply valve or immediately above the auxiliary drain. It has to be installed vertically and there should **never** be any sprinkler heads downstream of it.

**Q: Does the *FLOODELIMINATOR* prevent auxiliary drains from breaking due to freezing?**

A: No, it does not prevent freezing. It only prevents excessive flooding caused by a broken, improperly maintained, or vandalized auxiliary drain. However, AGF does offer products that protect the auxiliary drain from freezing. Please visit [www.agfmfg.com](http://www.agfmfg.com) for our full line of COLLECT<sub>AN</sub>DRAIN products.

**Q: Does the *FLOODELIMINATOR* require power?**

A: No, it is a mechanical device. It does not require a power source.

**Q: If my auxiliary drain breaks and I have one installed will I need to replace the *FLOODELIMINATOR* when I repair the broken auxiliary drain?**

A: No, after the water has been drained from the system, the dry valve has been reset, and the auxiliary drain has been repaired or replaced the *FLOODELIMINATOR* will reset itself and protect against future flooding.

**Q: Can an AGF auxiliary drain be ordered with the *FLOODELIMINATOR* already installed?**

A: Yes, any auxiliary drain offered in the COLLECT<sub>AN</sub>DRAIN product line (5100, 5200, 5300, 5400, 5450, 5500) can be ordered with a *FLOODELIMINATOR* already installed. Just ask your AGF distributor to order them for you.

**Q: Can the *FLOODELIMINATOR* be used with nitrogen systems?**

A: Yes, it is compatible with dry and pre-action systems using nitrogen or compressed air.

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

A: When exposed to a pressurized flow it will activate immediately. This results in a flow of water that can be measured in ounces. After the *FLOODELIMINATOR* is activated it will initiate a controlled water flow through the broken auxiliary drain. This is intended to aid in identifying the problematic auxiliary drain.

USA Patent and Other Patents Pending



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**Job Name:** \_\_\_\_\_

**Architect:** \_\_\_\_\_

**Engineer:** \_\_\_\_\_

**Contractor:** \_\_\_\_\_