



Model 5100 / 5200

COLLECT_{AN}DRAIN™

Auxiliary Drain and Condensation Collecting Assembly
for Dry Pipe and Preaction Sprinkler Systems

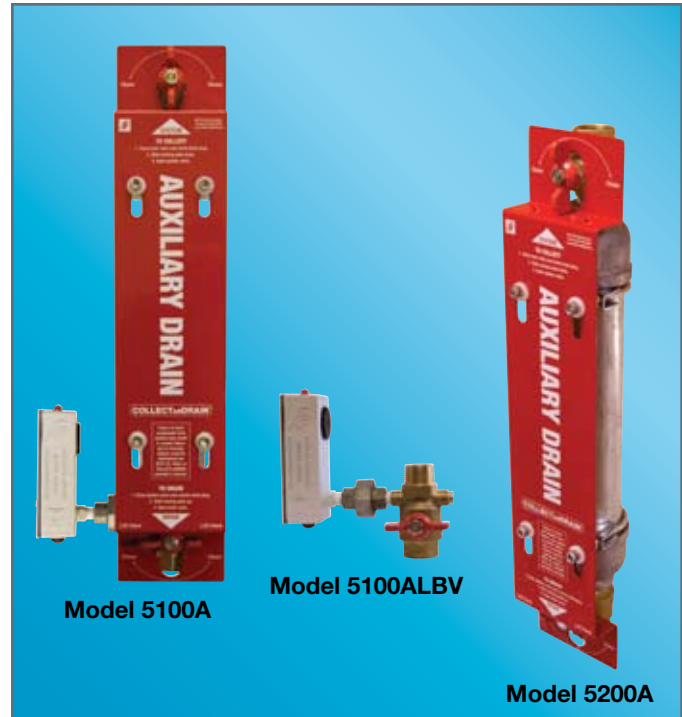
The **COLLECT_{AN}DRAIN™** series of products are auxiliary “low point” drain and/or condensate collecting assemblies available in several configurations to meet and exceed the sections of NFPA 13 and NFPA 25 addressing drainage in dry and preaction sprinkler systems.

The Model 5100 COLLECT_{AN}DRAIN™

- The **Model 5100ALBV** is a unique ball valve with integral water detector to notify you that the collector requires attention. The unit is powered by a 9 volt battery to operate a red LED visual indicator and a 103 dB beeping alarm which are activated when water is present in the **COLLECT_{AN}DRAIN™**. This battery operated system is designed to provide multiple years of service for intermittent alarming or can operate continuously for 72 hours. The unit features a test button to easily confirm operational integrity, offers left or right side installation, and can be isolated for service or battery replacement.
- The patent pending **Anti-Trip Plate (ATP)** prevents the opening of either the upper or lower drain valve unless the opposite valve is in the correct closed position, ensuring that the **COLLECT_{AN}DRAIN™** is always operated according to NFPA 25 guidelines, preventing an accidental/malicious tripping of the alarm valve and filling of the sprinkler system. The **ATP** is powder coated safety red for corrosion resistance and silk-screened with both “AUXILIARY DRAIN” to fulfill NFPA signage requirements and operating instructions. The **Anti-Trip Plate** can be locked to prevent tampering.
- The **Model 5100ALBV** is also available separately.
- 1" MIPT x FIPT brass quarter turn ball valves with chrome plated brass balls
- Fully assembled units have galvanized piping components and plug.

The **Model 5100** is offered in three versions:

- **Model 5100A** Fully Assembled
- **Model 5100K** Field Assembly Kit (includes ball valves, water detection alarm, and Anti-Trip Plate with mounting hardware)
- **Model 5100ALBV** 1" MIPT x FIPT ball valve with integral water detector



The Model 5200 COLLECT_{AN}DRAIN™

- The patent pending **Anti-Trip Plate (ATP)** prevents the opening of either the upper or lower drain valve unless the opposite valve is in the correct closed position, ensuring that the **COLLECT_{AN}DRAIN™** is always operated according to NFPA 25 guidelines, preventing an accidental/malicious tripping of the alarm valve and filling of the sprinkler system. The **ATP** is powder coated safety red for corrosion resistance and silk-screened with both “AUXILIARY DRAIN” to fulfill NFPA signage requirements and operating instructions. The **Anti-Trip Plate** can be locked to prevent tampering.
- 1" MIPT x FIPT brass quarter turn ball valves with chrome plated brass balls
- Fully assembled units have galvanized piping components and plug.

The **Model 5200** is offered in two versions:

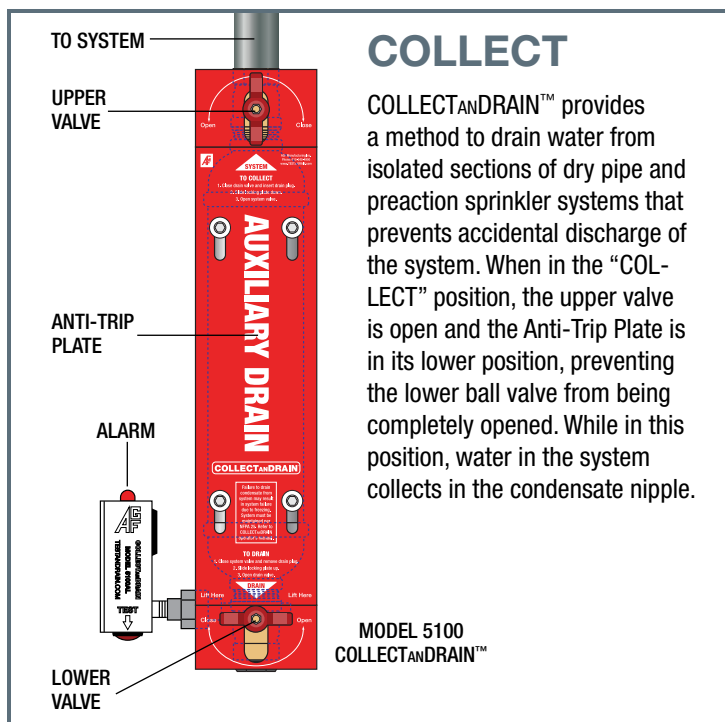
- **Model 5200A** Fully Assembled
- **Model 5200K** Field Assembly Kit (includes ball valves and Anti-Trip Plate with mounting hardware)

Reliability, Versatility, Code Compatibility



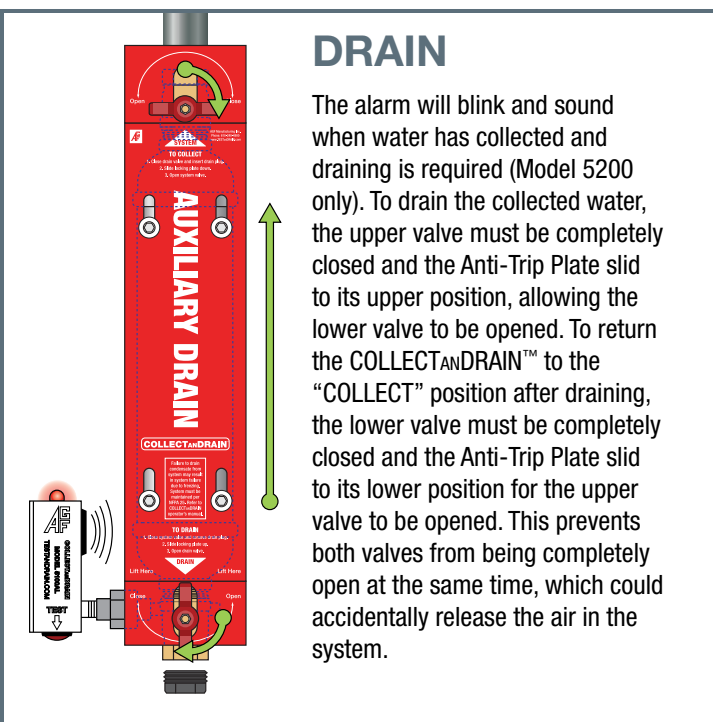
Model 5100 / 5200

COLLECT_{AND}DRAIN™



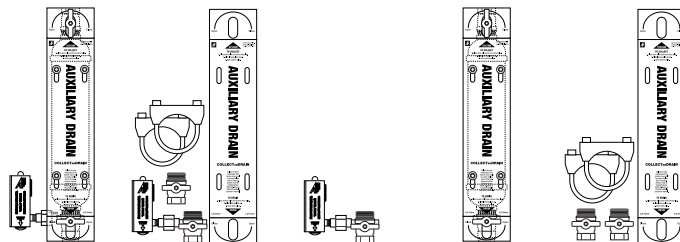
COLLECT

COLLECT_{AND}DRAIN™ provides a method to drain water from isolated sections of dry pipe and preaction sprinkler systems that prevents accidental discharge of the system. When in the "COLLECT" position, the upper valve is open and the Anti-Trip Plate is in its lower position, preventing the lower ball valve from being completely opened. While in this position, water in the system collects in the condensate nipple.



DRAIN

The alarm will blink and sound when water has collected and draining is required (Model 5200 only). To drain the collected water, the upper valve must be completely closed and the Anti-Trip Plate slid to its upper position, allowing the lower valve to be opened. To return the COLLECT_{AND}DRAIN™ to the "COLLECT" position after draining, the lower valve must be completely closed and the Anti-Trip Plate slid to its lower position for the upper valve to be opened. This prevents both valves from being completely open at the same time, which could accidentally release the air in the system.



Components	5100A	5100K	5100ALBV	5200A	5200K
1" MIPT x FIPT Ball Valve	1	1		2	2
Model 5100BV-SP 1" MIPT x FIPT Ball Valve with Side Ports	1	1	1		
Model 5100AL Water Detection Alarm with Union and Nipple	1	1	1		
Anti-Trip Plate (Powder Coated with Required Signage)	1	1		1	1
Anti-Trip Plate Mounting Hardware Set	1	1		1	1
1" x 2" Galvanized Bell Reducer	2			2	
2" x 12" Condensate Nipple	1			1	
1" Galvanized Square Head Plug	1			1	

Patent Pending



AGF Manufacturing Inc.
100 Quaker Lane, Malvern, PA 19355
Phone: 610-240-4900
Fax: 610-240-4906
www.testandrain.com

Job Name: _____
Architect: _____
Engineer: _____
Contractor: _____