



AGF Manufacturing Inc.

COLLECT_ANDRAIN[®]

5400 Series

**Condensation Collecting Assemblies for
Dry Pipe and Pre-Action Sprinkler Systems**



BR-5400_V001 9/15

Reliability, Versatility, Code Compatibility

Auxiliary Drains

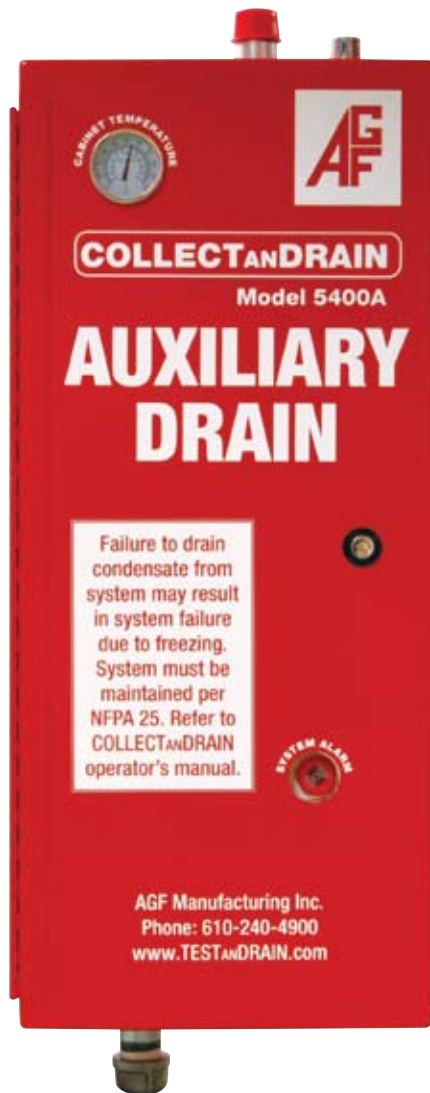
Auxiliary drains (also called Low-Point Drains or Drum Drips) are required for each section of trapped pipe in Dry or Pre-Action Fire Protection Systems. Auxiliary drains collect moisture from the system while minimizing the potential for excessive loss of air pressure. (NFPA 13, 8.16.2.5.3.5*, A8.16.2.5.3.5)

AGF Manufacturing's COLLECT_{AN}DRAIN[®] Auxiliary Drains prevent accidental system trips, deter vandalism, and with proper maintenance, help to prevent system breakdowns as a result of freeze-ups.

BASE MODEL

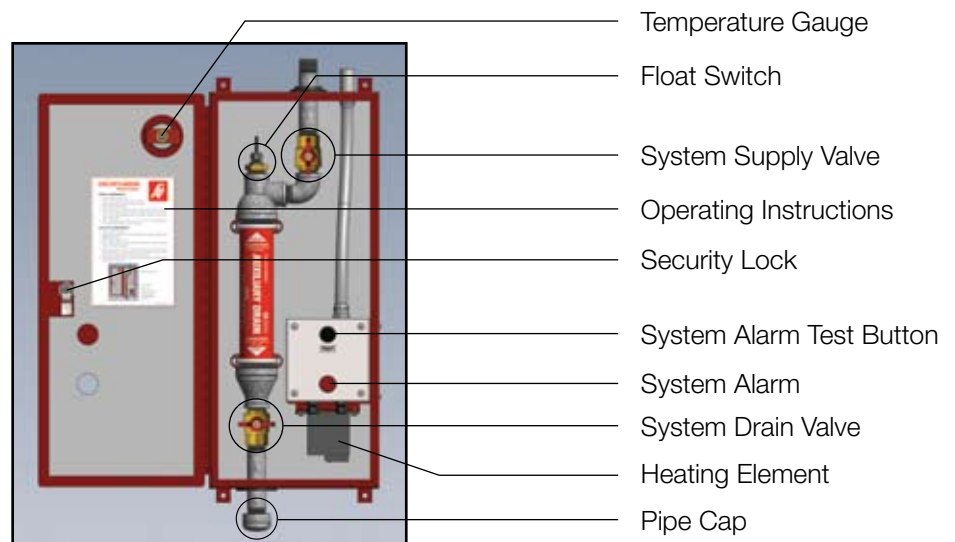
Model 5400A

The Model 5400A is the latest addition to the COLLECT_{AN}DRAIN[®] product line. The M5400A provides a temperature controlled environment to deter system failures caused by collected condensate freezing. The heated and insulated cabinet contains an auxiliary drain with a float switch to monitor condensation levels, when condensation reaches a level where maintenance is needed the float switch activates an audible alarm and an LED warning light. The Model 5400A also features Fire Control Panel notification capabilities.



Features

- Highly visible Safety Red Locking Cabinet with NFPA signage
- Internal Heating Element with integral Thermostat
- Float Switch
- Audible System Alarm and LED Warning Light
- System Test Button
- Cabinet Temperature Gauge
- 1" MIPT x FIPT high-quality quarter turn valves with chrome plated brass balls
- Galvanized piping components and pipe cap (Black Pipe available)



ACCESSORY OPTIONS

The Model 5400 is available with any/all combination of accessories

M5400H with Hot Operation Trouble (HOT) Monitor

For applications that need a higher level of monitoring the Model 5400H features a Heater Operation Trouble (HOT) Monitor. The HOT Monitor tracks the heaters on/off cycles and compares that information against its own internal thermostat to make sure the heater is performing correctly. For example: If the cabinet door is accidentally left open causing the heater to run continuously the HOT Monitor will trip the local audible and visual alarms and alert the fire control panel. The opposite is also true, if the HOT Monitor detects dropping temperatures in the cabinet and the heater is not keeping the interior temperature safely above freezing it will trip the audible and visual alarms and alert the fire control panel.

M5400D with System Trouble Remote Dialer

For applications that require real-time notification the COLLECT_{AN}DRAIN[®] Model 5400D features a System Trouble Remote Dialer that can be programmed to alert up to four telephone or pager numbers of up to 32 digits each (including #, tones, and pauses). Upon connection a 16-second, personalized message will repeat for one minute. Each number will be called twice and if any number is busy it will be called a third time. The Dialer Enclosure meets NEMA 4, 4X, 12, and 13 and IP 66 ratings and is housed inside the temperature controlled cabinet.

M5400T with Anti-Trip Plate

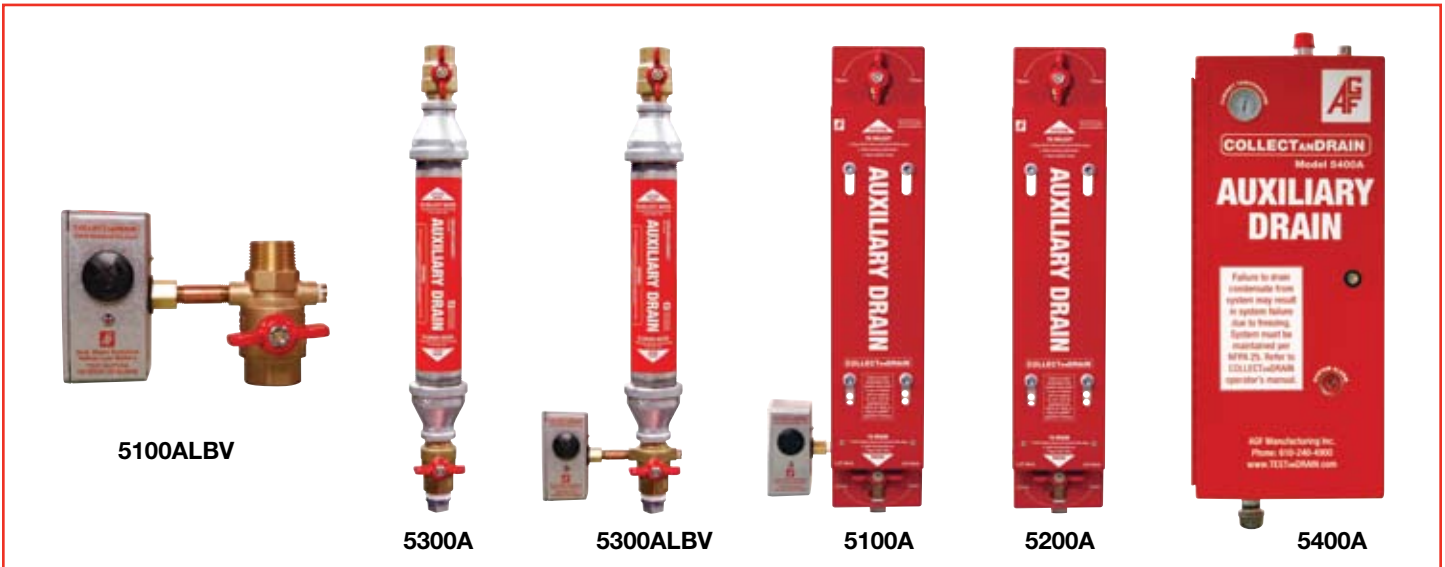
Some of our sister COLLECT_{AN}DRAIN[®] products utilize our patented Anti-Trip Plate to prevent accidental or malicious tripping of the dry system due to improper maintenance or vandalism. Since the Model 5400 uses a locked cabinet to house the auxiliary drain the Model 5400 with Anti-Trip Plate is intended to help safeguard against personnel who are unfamiliar with proper valve sequencing when servicing the auxiliary drain. The Model 5400A with Anti-Trip Plate allows only one of the auxiliary drain's valves to be open at a time so servicing is done according to NFPA code.

M5580A with All-Weather Cover

The All-Weather Cover was designed to accommodate installations where the COLLECT_{AN}DRAIN[®] Model 5400 requires outdoor installation. The All-Weather Cover features insulation, a sloped roof, and ear flaps that fit over the top of the cabinet to easily shed rain and snow. When a Model 5400 is ordered with a All-Weather Cover the cabinet is also modified with additional insulation and a magnetic door seal.

Base Models	AGF Item ID	Item Description
M5400A	5400A	M5400A Cabinet
M5400H	5400H	M5400A Cabinet with Hot Operation Monitor
M5400D	5400D	M5400A Cabinet with System Trouble Remote Dialer
M5400T	5400T	M5400A Cabinet with Anti-Trip Plate
M5580A	5580A	All-Weather Cover

Meet the COLLECT_{AND}DRAIN[®] Family



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