

COLLECT_{AND}DRAIN[®]

Model 5100/5200

QUALITY COMPONENTS FOR FIRE SPRINKLER SYSTEMS

Dry and Pre-Action System Auxiliary Drains with Anti-Trip Plate

The AGF COLLECT_{AND}DRAIN Model 5100 and 5200 are fully assembled auxiliary drains (drum drips, low-point drains) designed to collect moisture that condenses in dry and pre-action fire sprinkler systems, while minimizing the system's air pressure loss when draining.

The Model 5100 and 5200 both feature a patented Anti-Trip Plate (ATP). The ATP prevents the opening of the supply valve or drain valve unless the opposite valve is in the closed position, as per NFPA standard. This prevents improper maintenance and deters vandalism. The Model 5100 includes a water detector that sounds an audible alarm and flashes a visual alert when water has been detected. This helps notify personnel that draining is required and helps to prevent freeze-ups in colder months. The water detector can be wired to a BMS or a fire control panel for remote notification. COLLECT_{AND}DRAIN Auxiliary Drains are made with galvanized or black steel piping components, and offer locking kits for added security.

Features

- Galvanized or Black Steel Piping Components
- Fully Assembled
- Easy Installation
- Highly Visible NFPA Signage
- Prevents Improper Maintenance
- Deters Vandalism
- BMS or Fire Control Panel Integration
- Optional 110V Plug-In
- Locking Kits Available



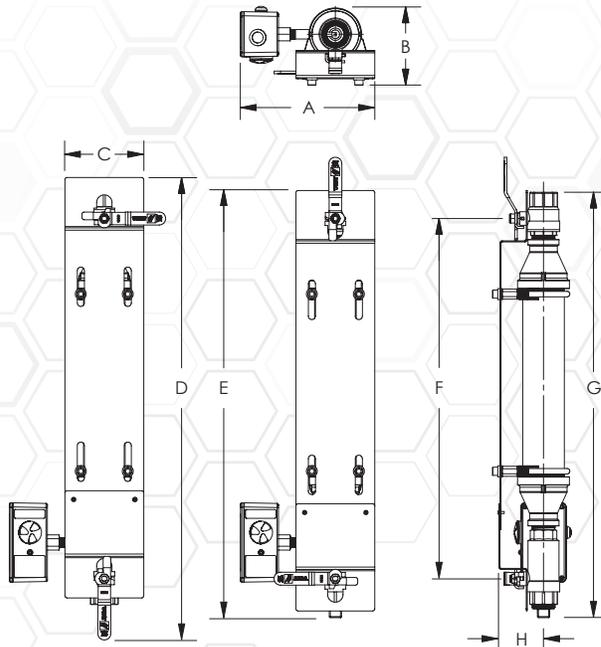
Models

Piping	Part Numbers	
	with Water Detector	without Water Detector
Galvanized	5100A	5200A
Black Steel	5100B	5200B

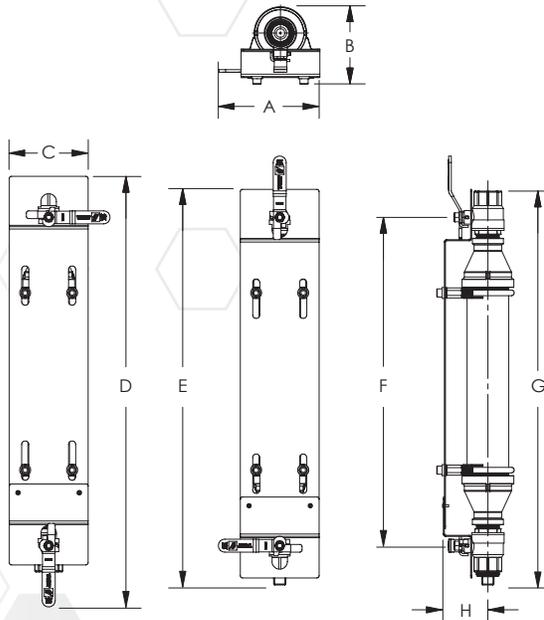


Dimensions

M5100



M5200



Model	A	B	C	D	E	F	G	H
5100	7 ⁷ / ₈ " (195 mm)	4 ³ / ₈ " (112 mm)	4 ¹ / ₂ " (114 mm)	26 ⁵ / ₈ " (671 mm)	24 ³ / ₈ " (620 mm)	20 ⁵ / ₈ " (523 mm)	24 ¹ / ₄ " (617 mm)	2 ⁷ / ₈ " (74 mm)
5200	6 ¹ / ₂ " (165 mm)	4 ³ / ₈ " (112 mm)	4 ¹ / ₂ " (114 mm)	24 ⁵ / ₈ " (625 mm)	22 ⁵ / ₈ " (574 mm)	18 ⁷ / ₈ " (480 mm)	22 ¹ / ₂ " (572 mm)	2 ⁷ / ₈ " (74 mm)

Sizes have been rounded to the highest millimeter

USA Patent and Other Patents Pending

For use on dry and pre-action fire sprinkler systems.

Valve Size

1"

Connections

Inlet..... NPT

Outlet..... NPT

Installation Orientation

Vertical

Electrical Requirements

5100..... 9V, 12-24V DC, or 110V AC

5200..... None

Materials

Body Galvanized or Black Steel

Anti-Trip Plate..... Steel

Valves Brass

Handles Steel

Drain Plug..... Steel

Rating

300 PSI

Compliance

NFPA 13

NYC-BSA No. 720-87-SM

Approvals

UL/ULC (EX27218)

FM



AGF Manufacturing Inc.
100 Quaker Lane, Malvern, PA 19355

Phone: 610-240-4900

Fax: 610-240-4906

www.agfmfg.com

Job Name: _____

Architect: _____

Engineer: _____

Contractor: _____